Geological and geochemical report on the Fifty Mile Property

Dawson Mining District

NTS:
115N10 & 115N15 & 115N16

LAT: 63°52’ LONG: 140°35’

CLAIMS
CHANT 1-112 (YD47767 – YD48078)
CHANT 113-408 (YD88823 – YD89118)
CHANT 409 (YD89950)
CHANT 410-518 (YD89841 – YD89949)

ECHO 1-120 (YD50287 – YD50406)
ECHO 121-1680 (YD52521 – YD54080)

ENT 1-168 (YD15901 – YD16168)
ENT 169 – 472 (YD54081 – YD54384)

NCHANT 1-208 (YD135501 – YD135708)
NCHANT 209-249 (YD98759 – YD98799)

Dates of Work: June 13-23rd, June 19th -July 2nd & July 20th to August 5th, 2011

Ryan Gold Corp.

Author: Hua Jin

March 2012

SUMMARY

Anomalous Au in soil up to 156 ppb was identified from the reconnaissance ridge and spur soil geochemistry survey in 2010 at Chant claim block. Encouraged by the soil anomaly result, an exploration campaign consisted of prospecting, reconnaissance geological mapping, trenching was carried out from June 13th to June 23rd in 2011 to follow up the soil anomalies discovered in the previous year. A total of 36 rock grab samples were collected from the surface prospecting and geological mapping program. In addition, a total of 172 trench samples were collected from three trenches covering 380m dug at the Au in soil anomalies delineated from the 2010 soil sampling.

The soil geochemistry survey was expanded from a few ridge and spur traverse lines in Echo and Chant claim in 2010 to systematically cover all ridge and spur lines at Fifty Mile including Chant, Echo, ENT and NChant claim blocks from June 19th to July 2nd and from July 20th to August 5th in 2011. A minor soil grid sampling was carried out at the NChant claim after significant oxidation and weathering was observed from the surface prospecting. A crew of 15 samplers from GroundTruth Exploration Inc. based out of Dawson city, Yukon Territory collected a total of 12,089 soil samples from aforementioned four prospects at Fifty Mile area.

The extensive soil sampling campaign conducted in 2011 to cover most of the ridge and spur lines at Fifty Mile area outlined six discrete Au in soil anomalies above 100 ppb from the four claim blocks with the maximum Au value of 968 ppb. The best assay result intersected from trenching is 810 ppb Au over 2m in quartz biotite schist containing limonite alteration, right beneath the previous year's soil anomaly. From the geological observation on the surface and in the trench, the anomalous Au values in soil delineated in 2010 appear to be associated with epidote, cholorite and magnetite altered quartz biotite schist containing fine grain disseminated or patchy pyrite which is often partially or completely oxidized near surface.

Further work including geological mapping and trenching is strongly recommended to follow up the soil anomalies identified from 2011 soil geochemistry survey as well as soil grid sampling of 50m sample station spacing on the line with 100m line spacing to examine the extent of the Au in soil anomalies identified in 2011.

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1. INTROCUTION

1.1 Location and Access

The Chant, Echo, NChant and ENT claim groups are part of Fifty Mile Property which is located in the western central part of the Yukon Territory, approximately 60 km southwest of Dawson City. The center of aforementioned four claim groups is at latitude 63°52'N and longitude 140°35'W on NTS map sheet 115N10, 115N15 & 115N16 (Fig. 1). Access to the Chant, Echo, ENT and NChant claim blocks is by helicopter from Dawson city. Ryan Gold exploration staff and soil sampling crews from the GroundTruth Exploration who worked on the Fifty Mile in 2011 were flown there by a helicopter provided by TransNorth Helicopters.

1.2 Claim Status and Ownership

The Chant 1-518 claim, Echo 1-1680 claim and ENT 1-472 claim groups were registered in the Dawson Mining District, 70% of which is owned by Shawn Ryan and 30% owned by Wildwood Exploration Inc. The NChant 1-249 claim group is also registered in the Dawson Mining District in the name of Shawn Ryan (100%). Detailed claim information and location of the claim block is shown from Figure 2 to Figure 6. Claim tenure information is summarized in table 1 below:

Table 1. Claim tenure information

Claim	Grant number	Expiry Date	Claim Owner
Chant 1-34	YD47767-YD47800	January 20, 2017	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Chant 35-92	YD48001-YD48058	January 20, 2017	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Chant 93-112	YD48059-YD48078	January 20, 2016	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Chant 113-130	YD88823-YD88840	January 20, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Chant 131-140	YD88841-YD88850	January 20, 2015	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Chant 141	YD88851	January 20, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Chant 142	YD88852	January 20, 2015	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Chant 143	YD88853	January 20, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Chant 144	YD88854	January 20, 2015	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Chant 145	YD88855	January 20, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Chant 146	YD88856	January 20, 2015	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Chant 147	YD88857	January 20, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Chant 148	YD88858	January 20, 2015	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Chant 149	YD88859	January 20, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Chant 150	YD88860	January 20, 2015	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Chant 151	YD88861	January 20, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Chant 152	YD88862	January 20, 2015	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Chant 153	YD88863	January 20, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Chant 154	YD88864	January 20, 2015	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%

(Expiry date includes 2011 work filed for assessment.)

Chant 155	YD88865	January 20, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Chant 156	YD88866	January 20, 2015	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Chant 157	YD88867	January 20, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Chant 158-196	YD88868-YD88906	January 20, 2015	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Chant 197-316	YD88907- YD89026	January 20, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Chant 317-408	YD89027-YD89118	January 20, 2015	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Chant 409	YD89950	January 20, 2013	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Chant 410-518	YD89841-YD89949	January 20, 2013	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 1-120	YD50287-YD50406	June 16, 2013	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 121-168	YD52521-YD52568	January 15, 2013	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 169	YD52569	January 15, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 170	YD52570	January 15, 2013	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 171-192	YD52571-YD52592	January 15, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 193-240	YD52593-YD52640	January 15, 2013	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 241-264	YD52641-YD52664	January 15, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 265-312	YD52665-YD52712	January 15, 2013	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 313-336	YD52713-YD52736	January 15, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 337-456	YD52737-YD52856	January 15, 2013	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 457-480	YD52857-YD52880	January 15, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 481-494	YD52881-YD52894	January 15, 2013	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 495-504	YD52895-YD52904	January 15, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 505-518	YD52905-YD52918	January 15, 2013	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 519-528	YD52919-YD52928	January 15, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 529-542	YD52929-YD52942	January 15, 2013	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 543-552	YD52943-YD52952	January 15, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 553-566	YD52953-YD52966	January 15, 2013	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 567-576	YD52967-YD52976	January 15, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 577-638	YD52977-YD53038	January 15, 2013	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 639-648	YD53039-YD53048	January 15, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 649-710	YD53049-YD53110	January 15, 2013	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 711-720	YD53111-YD53120	January 15, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 721-782	YD53121-YD53182	January 15, 2013	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 783-792	YD53183-YD53192	January 15, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 793-854	YD53193-YD53254	January 15, 2013	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo855-864	YD53255-YD53264	January 15, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 865-926	YD53265-YD53326	January 15, 2013	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 927-936	YD53327-YD53336	January 15, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 937-974	YD53337-YD53374	January 15, 2013	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 975-984	YD53375-YD53384	January 15, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 985-1022	YD53385-YD53422	January 15, 2013	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 1023-1032	YD53423-YD53432	January 15, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 1033-1070	YD53433-YD53470	January 15, 2013	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 1071-1080	YD53471-YD53480	January 15, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 1081-1118	YD53481-YD53518	January 15, 2013	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 1119-1128	YD53519-YD53528	January 15, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 1129-1166	YD53529-YD53566	January 15, 2013	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 1167-1176	YD53567-YD53576	January 15, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%

Echo 1177-1440	YD53577-YD53970	January 15, 2013	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 1441-1570	YD53841-YD53970	January 15, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 1571-1584	YD53971-YD53984	January 15, 2013	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 1585-1594	YD53994-YD53994	January 15, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 1595-1608	YD53995-YD54008	January 15, 2013	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 1609-1618	YD54009-YD54018	January 15, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 1619-1632	YD54019-YD54032	January 15, 2013	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 1633-1642	YD54033-YD54042	January 15, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 1643-1656	YD54043-YD54056	January 15, 2013	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 1657-1666	YD54057-YD54066	January 15, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Echo 1667-1680	YD54067-YD54080	January 20, 2013	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
ENT 1-28	YD15901-YD15928	January 20, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
ENT 29-40	YD15929-YD15940	January 20, 2013	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
ENT 41-54	YD15941-YD15954	January 20, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
ENT 55-66	YD15955-YD15966	January 20, 2013	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
ENT 67-80	YD15967-YD15980	January 20, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
ENT 81-92	YD15981-YD15992	January 20, 2013	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
ENT 93-100	YD15993-YD16000	January 20, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
ENT 101-102	YD16101-YD16102	January 20, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
ENT 103-114	YD16103-YD16114	January 20, 2013	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
ENT 115-128	YD16115-YD16128	January 20, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
ENT 129-140	YD16129-YD16140	January 20, 2013	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
ENT 141-142	YD16141-YD16142	January 20, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
ENT 143-154	YD16143-YD16154	January 20, 2013	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
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ENT 157-168	YD16157-YD16168	January 20, 2013	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
ENT 169-180	YD54081-YD54092	January 20, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
ENT 181-194	YD54093-YD54106	January 20, 2015	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
ENT 195-224	YD54107-YD54136	January 20, 2013	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
ENT 225-236	YD54137-YD54148	January 20, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
ENT 237-250	YD54149-YD54162	January 20, 2015	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
ENT 251-312	YD54163-YD54224	January 20, 2013	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
ENT 313-328	YD54225-YD54240	January 20, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
ENT 329-360	YD54241-YD54272	January 20, 2015	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
ENT 361-404	YD54273-YD54316	January 20, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
ENT 405&407	YD54317&YD54319	January 20, 2013	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
ENT 406	YD54318	January 20, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
ENT 408-420	YD54320-YD54332	January 20, 2014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
ENT 421-472	YD54333-YD54384	January 20, 2013	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%
Nchant 1 - 12	YD135501 - YD135512	January 28, 2014	Shawn Ryan - 100%
Nchant 13 - 64	YD135513 - YD135564	January 28, 2013	Shawn Ryan - 100%
Nchant 65 - 74	YD135565 - YD135574	January 28, 2014	Shawn Ryan - 100%
Nchant 75-86	YD135575 - YD135586	January 28, 2013	Shawn Ryan - 100%
Nchant 87 - 98	YD135587 - YD135598	January 28, 2014	Shawn Ryan - 100%
Nchant 99 - 208	YD135599 - YD135708	January 28, 2013	Shawn Ryan - 100%
Nchant 209 - 232	YD98759 - YD98782	January 28, 2013	Shawn Ryan - 100%
Nchant 233 - 244	YD98783 - YD98794	January 28, 2014	Shawn Ryan - 100%
Nchant 245 - 249	YD98795 - YD98799	January 28, 2013	Shawn Ryan - 100%

1.3 Topography, Vegetation and Climate

The area which is located in the Yukon Plateou is unglaciated (Lowey, G.W., 2000) with elevation ranging from approximately 700m to 1800m. The geography is characterized by rolling hills typical of the Dawson range with locally high hills west of Mount Hart on the Chant claims and southwest part of Echo claim block.

Vegetation primarily consists of white spruce, birch and poplar black spruce with the tree line at approximately 1216m. Outcrop exposure at the property is generally poor and primarily restricted to ridge tops as the majority of the claim blocks lie below tree line except the southwest of Echo claim block which is characterized by rolling tundra with no tree cover.

The area has a typical northern interior continental climate characterized by warm summers and long cold winters with light precipitation. Temperature ranges from 15°C to 25°C during the summer and drops to between -25°C and -50°C in winter. The exploration season typically runs from mid-June to late September.

2. HISTORY AND PREVIOUS WORK

Previous work in the vicinity of the claim groups is summarized and listed below:

1972 Geological survey of Canada conducted a mapping program which located several outcrops of quartz-pebble conglomerate around Mount Hart and reported visible gold found in the quartz-pebble conglomerate outcrop, 2.7 km south-southwest of Mount Hart (Geological Survey of Canada, 1973).

1973 Geological mapping and geochemical sampling was conducted by Silver Standard Mines Ltd., with no significant gold showings found (Mineral Industry report, 1973).

1998-2000 A. Rudis and Ralph Nording carried out a geochemical soil, silt and rock sampling program. Two significant silt samples returned 25ppb and 58ppb Au from Cheryl Creek where coarse placer gold was historically recovered with some enclosed fragile cuprite crystals. A total magnetic field survey run along Cheryl Creek returned two semi-continuous anomalies interpreted to be a possible bedrock source and/or placer gravels (Rudis, 1999-2001).

1999 Prospector International Resources conducted silt sampling of the creeks surrounding Mount Hart and found moderate to strongly anomalous gold from four creeks. The most significant result was 167 ppb Au and 100 ppm As from a sample collected 1.2 km downstream from the head of the tributary of Enchantment Creek draining the northeast slope of Mount Hart (Jaworski and Meyer, 2000).

2003 Grid Capital Corporation carried out a drill program consisted of five diamond drill holes to test the promising targets outlined by soil geochemistry survey and IP survey at AMI property which is located approximately 1km south of NChant southern claim boundary. Three drill holes intersected porphyry style mineralization including pyrite, chalcopyrite, molybdenite hosted in quartz monzonite. However, the assay values of copper, molybdenum and gold were considered to be too low to be of economic interest. Another drill hole intersected a 0.64m wide galena silver vein with 22.08% Pb, 2,086.5 g/t Ag and 1.13 g/t Au .

2007 Equity engineering was contracted out by Rimfire Mineral Corporation to carry out mapping, prospecting and soil sampling. 11 Rock samples and 116 soil samples were collected on the Echo 1-72 claims. Gold assay results returned from the rock samples were below detection limit of 5ppb and the Au in soil ranged from 14 ppb and 29 ppb. Geological mapping identified medium to coarse grained muscovite + biotite ± garnet granite from the outcrop, trenched bedrock and float exposed at Echo. Weak to moderate sericite-clay-carbonate alteration was observed in the granite with quartz stockwork or quartz vein breccia and pyrite mineralization (1-2%) and trace galena found in wall rock and veins (Black, 2008).

2010 GroundTruth Exploration Inc was contracted by Ryan Gold Inc. (Private Company) to conduct the ridge and spur soil geochemistry survey at the Chant, ENT and Echo claim blocks. A total of 240 samples were collected from ridge and spur traverse lines at ENT and Chant Claim to cover the eastern flanks of Mount Hart and additional 380 samples were collected from Echo claim. The best Au in soil values of 155.9 ppb and 21.1 ppb were returned from the saddle area in Chant Claim, 3km south of Mount Hart. The maximum values of 10.9 ppb Au in soil was identified from the soil geochemistry survey at Echo claim.

2010 J. Pautler was contracted by Valdez Gold Inc. to conduct a geological and geochemical evaluation of the Au in soil anomalies delineated from the soil geochemistry survey in the same year. One day of evaluation occurred on September 29, 2010 identified mineralization of fine pyrite, limonite boxwork hosted in granite with sericite alteration and silicification at the Chant saddle zone. Intermediate to mafic gneiss containing rusty quartz veinlets and limonite fractures was also identified near by the 155.9 ppb Au in soil location. Similar to Chant Saddle zone, augen gneiss and granite dikes, locally silicified, brecciated was identified by J. Pautler on the central Echo claim. No significant Au values were returned from the rock samples collected during the evaluation work.

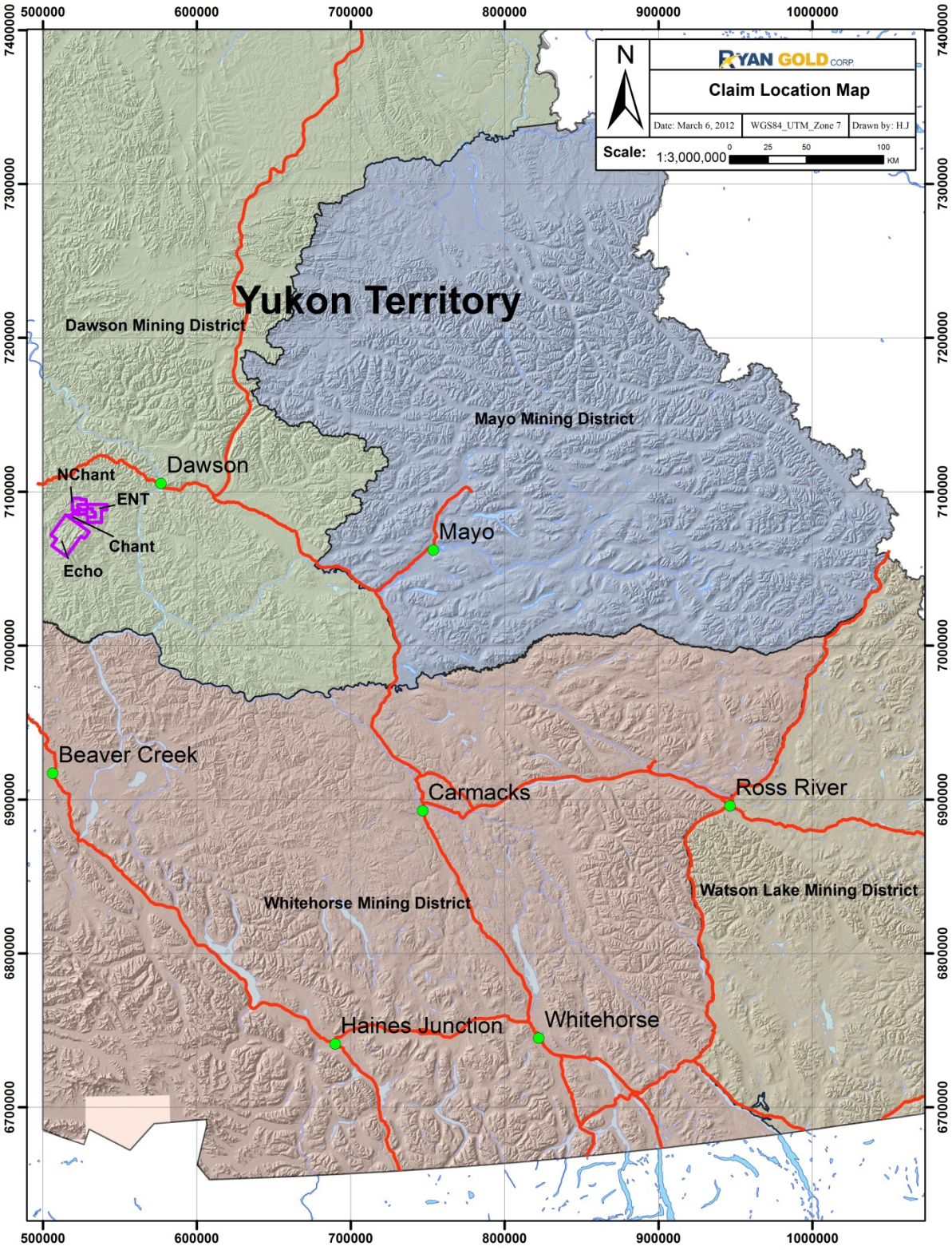


Figure 1. Claim Location Map

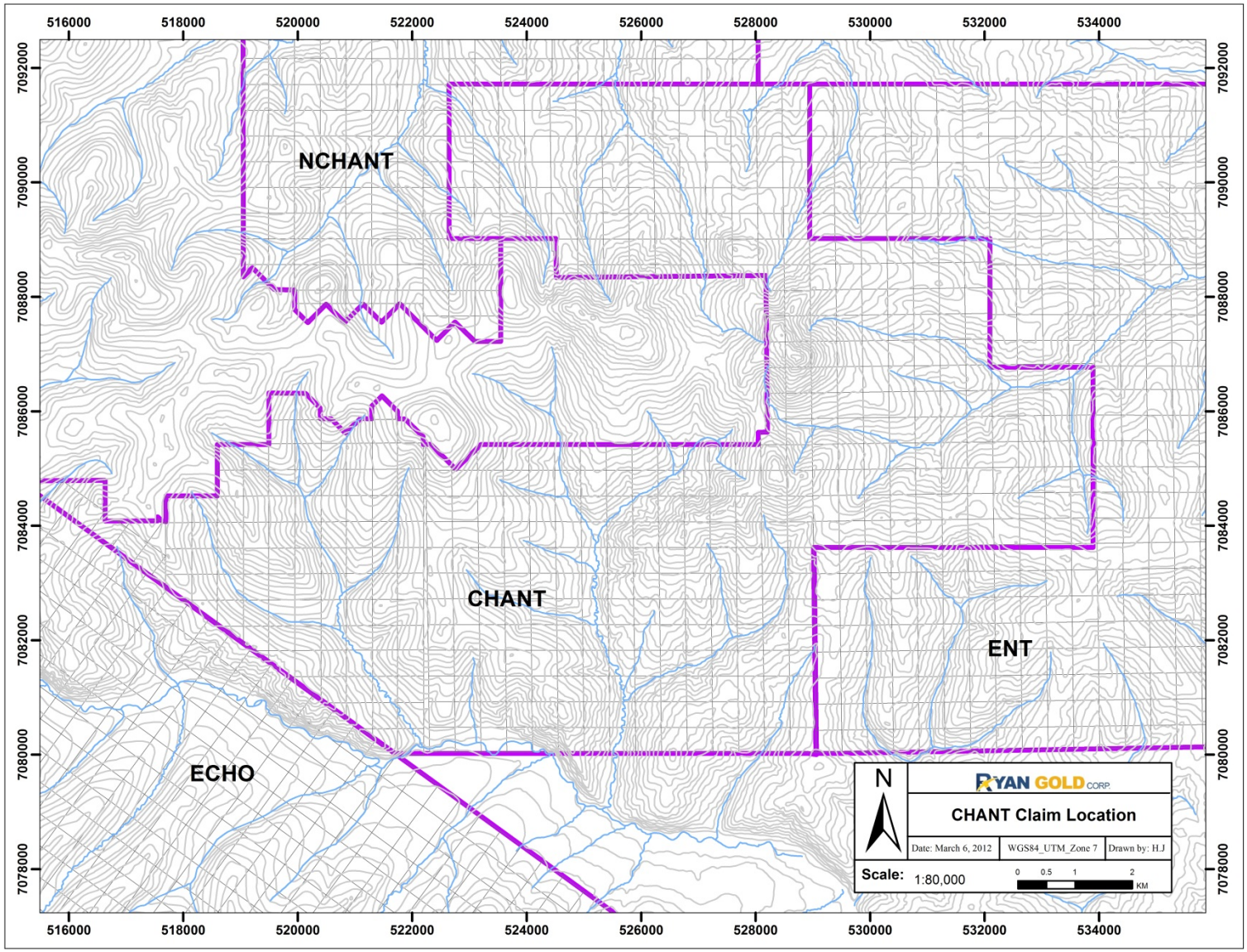


Figure 2. Chant Claim map

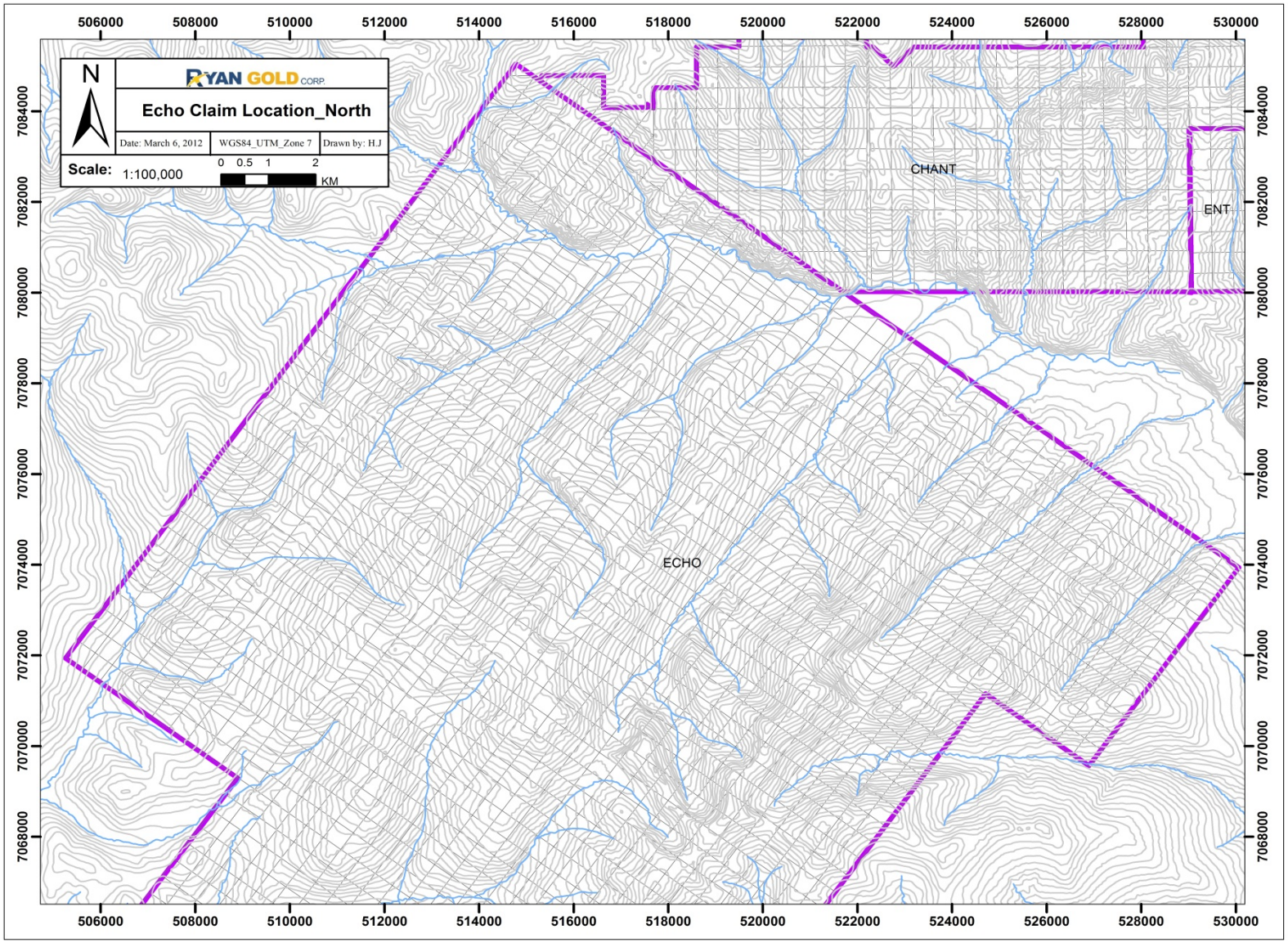


Figure 3. Echo Claim Location _North

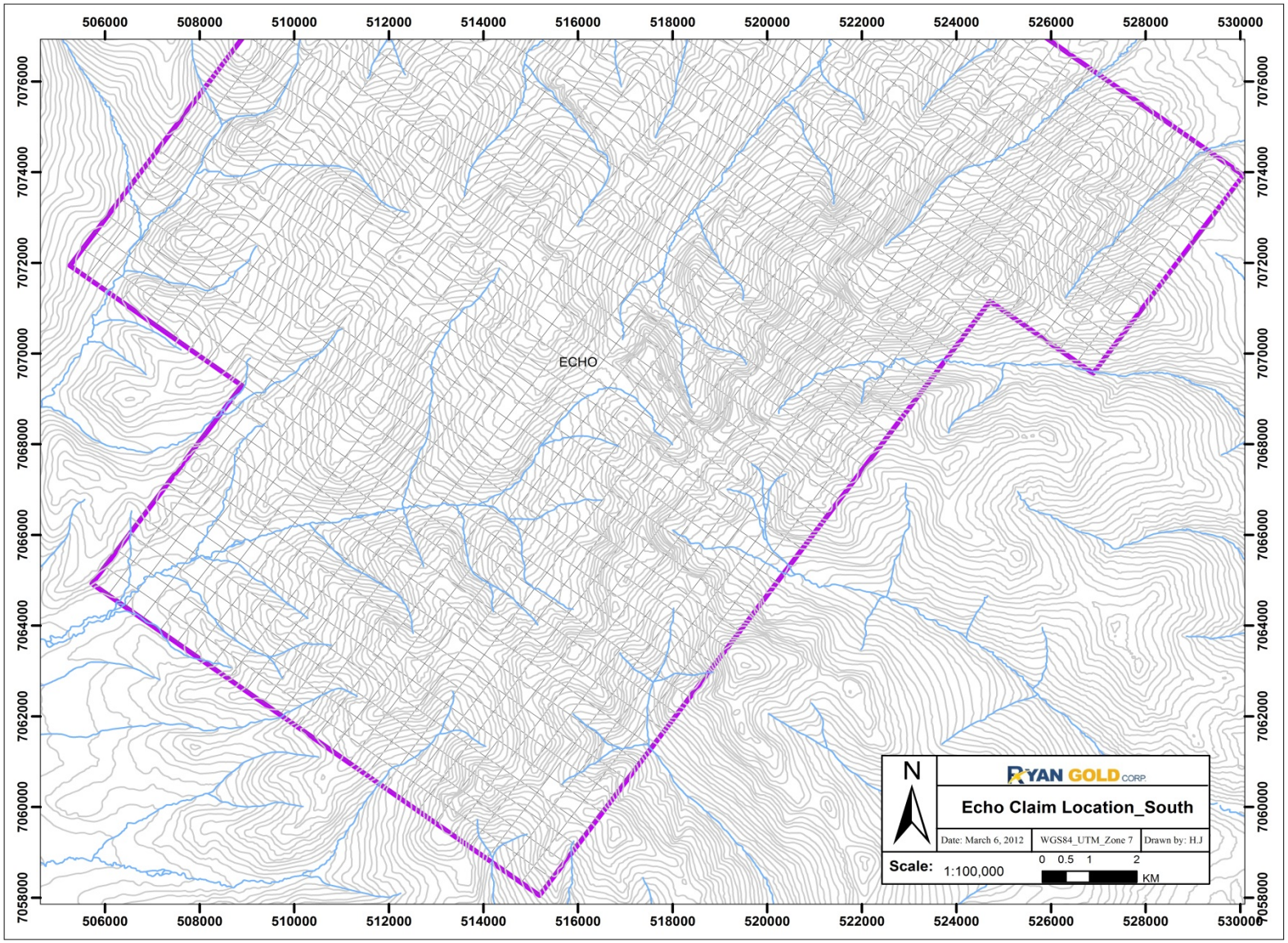


Figure 4. Echo Claim Location _South

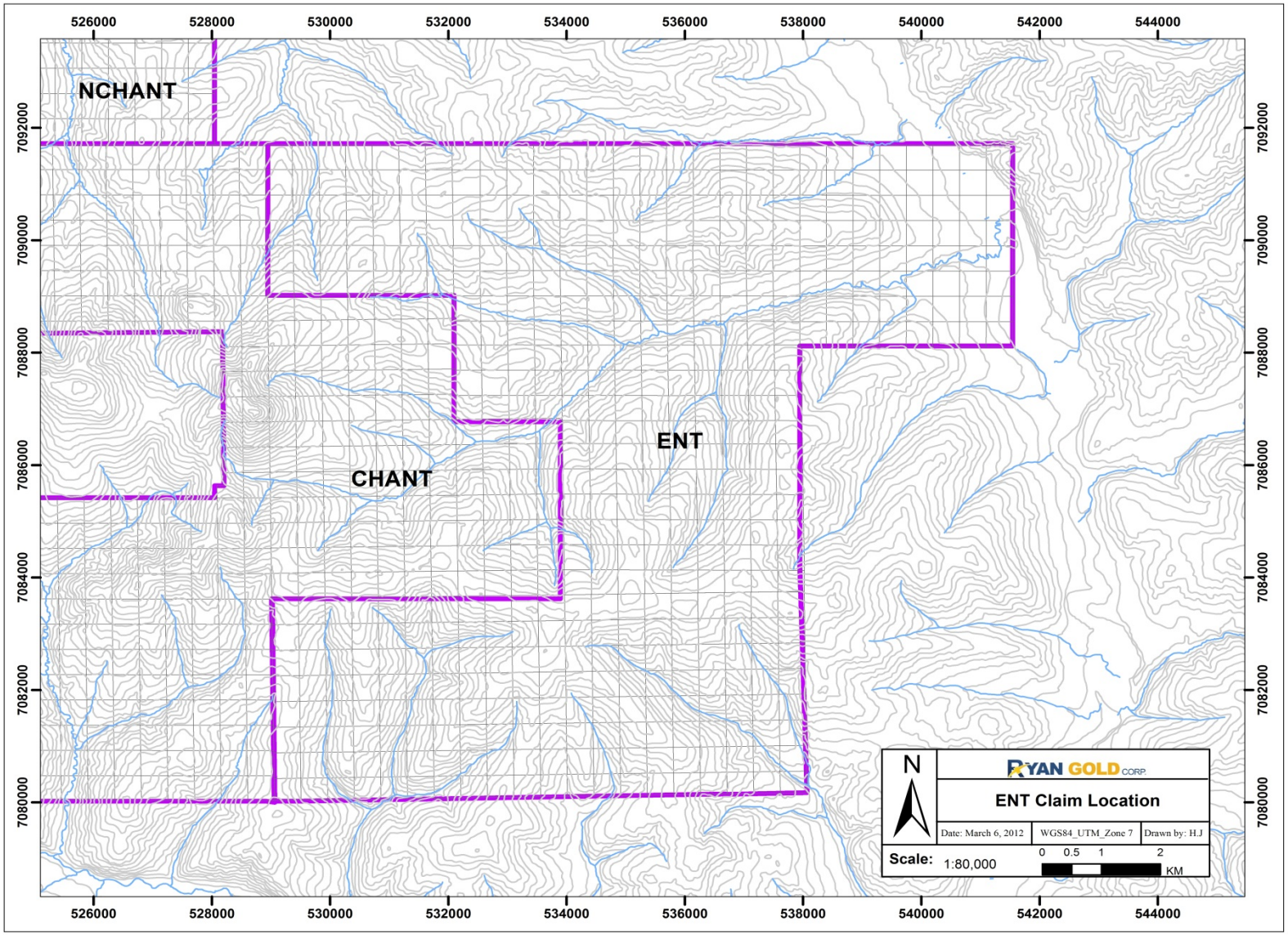


Figure 5. ENT Claim Location

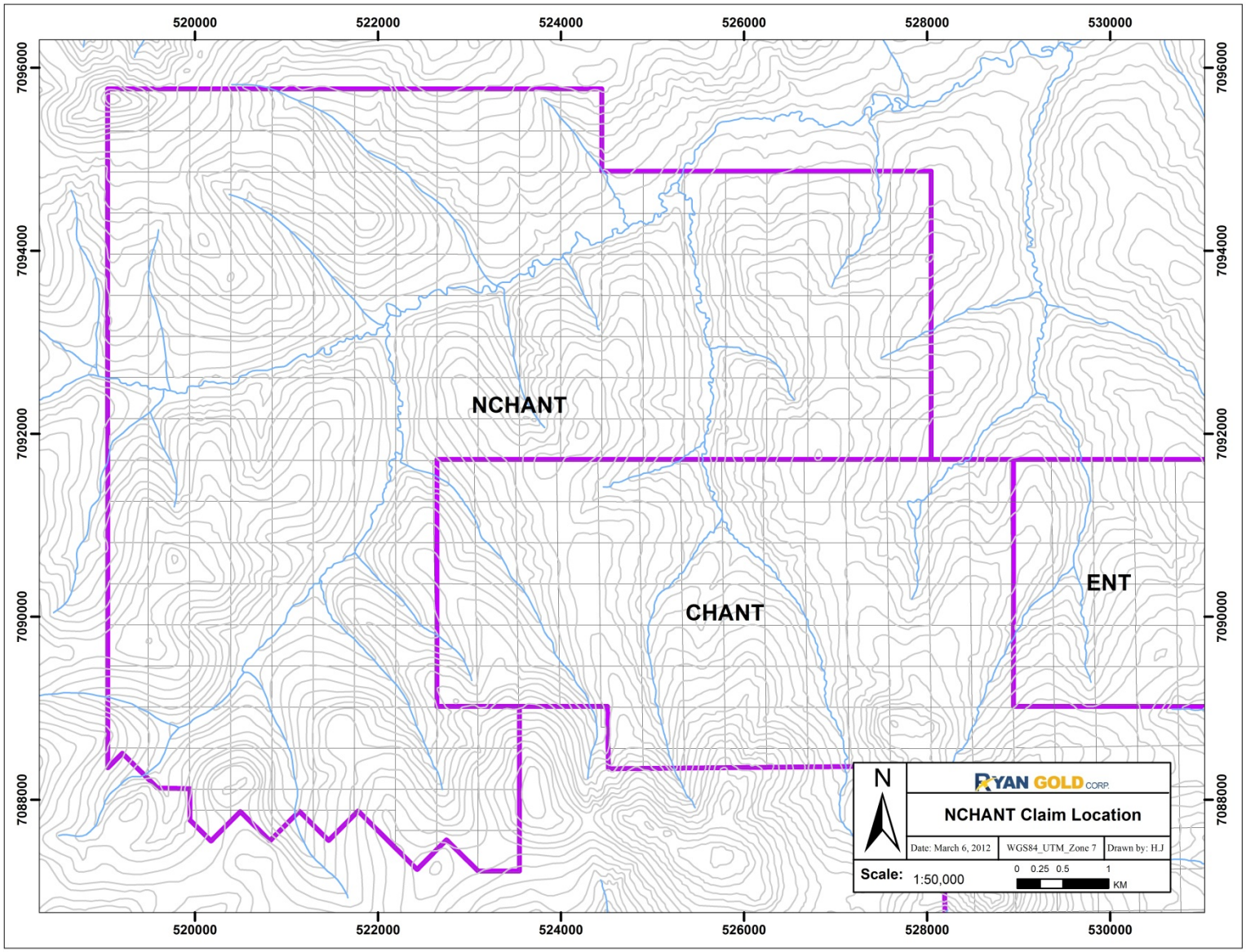


Figure 6. NCHANT Claim Location

3. 2011 WORK

GroundTruth Exploration Inc. of Dawson, Yukon Territory was contracted by Ryan Gold Corp. to conduct the regional soil geochemistry survey on the Chant, Echo, ENT, NChant properties. A total of 12089 soil samples were collected by a crew of 15 men from the period of June 19th to July 2nd, 2011 and July 20th to August 5th, 2011 (Figure 7). 465 of these were sampled on a grid with 50m sample spacing on the sample line and 100m line spacing at the northern Chant claim block while the remaining samples were ridge and spur soil samples.

Exploration campaign consisted of geological mapping and trenching was carried out at the Chant claim with a crew of two to five people from Ryan Gold Corp flying from Dawson city during the period of June 13th to June 23rd in 2011. The primary purpose of 2011 geological mapping and trenching was to examine the gold in soil anomaly that was identified from the 2010 soil geochemistry survey in the bedrock from trenching and surface prospecting and geological mapping. Three trenches totalling 380m were dug by Candig from Talus exploration with the effort to expose the bedrock beneath the Au in soil anomaly at Chant claim. Trenching was followed by geological logging, sampling and assaying of the trench samples. The location of three trenches and rock grab sample was shown in Figure 8. The property geology map compiled from the geological observation data collected from the 2011 prospecting and mapping will be discussed in the following section of property geology and mineralization.

4. GEOLOGY

4.1 Regional Geology

The Chant, Echo, ENT and NChant claim groups are situated within the Yukon-Tanana Terrane in the western central Yukon. The Yukon-Tanana Terrane which is the largest terrane in the Canadian Cordillera that was accredited to North American ancient continental craton. The terrane is composed of metasedimentary, metaplutonic and metavolcanic rocks comprising Paleozoic aged Nisling assemblage, Nasina assemblage, Pelly gneiss and Nisutlin assemblage from oldest to youngest. The Nisling assemblage is a meta-sedimentary package of quartzite, quartz-mica schist and marble. The Nasina assemblage is composed of aforementioned meta-sediments with large amounts of carbon which makes the rock black and/or graphitic. Pelly Gneiss is strongly foliated with granitic composition and Nisutlin assemblage is characterized by quartz-mica schist.

The regional geology (Gordey et al., 2005 and 2006) of the Fifty Mile property including Chant, Echo, ENT and NChant claim groups is dominated by abundant Paleozoic metaplutonic and metavolcanic rocks representing two arcs; an older arc composed of Devonian-Mississipian amphibolite and subvolcanic intrusive complex (DMogg, DMoga, DMogt) built upon a siliciclastic foundation (DMps, DMq, DMcg, DMNq) and a Permian granitic orthogneiss (Pogg, Poga) and coeval metavolcanic rocks built on the previous arc. The Devonian and Mississipian

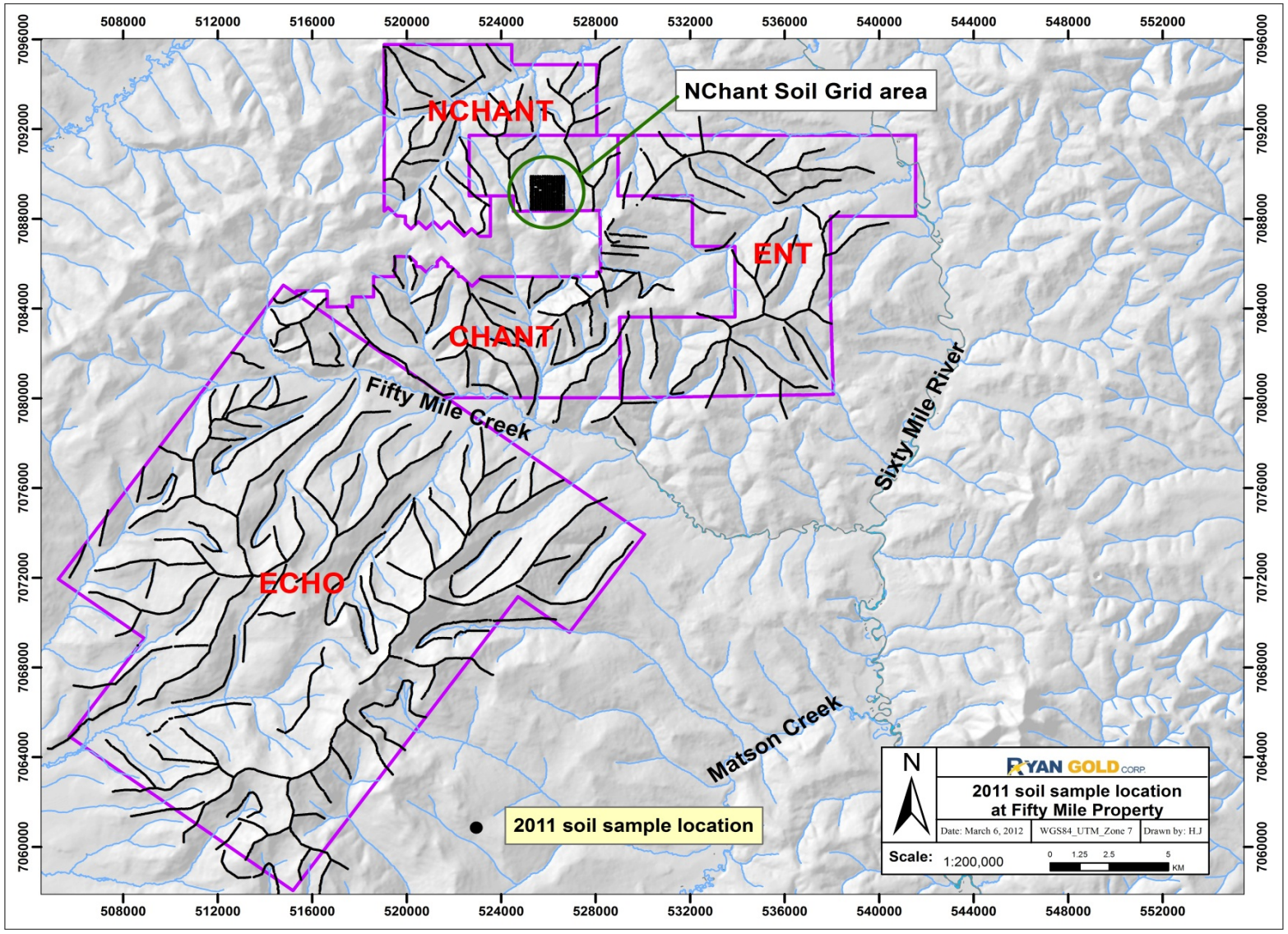


Figure 7. Chant, Echo, ENT and NChant Soil sample location map

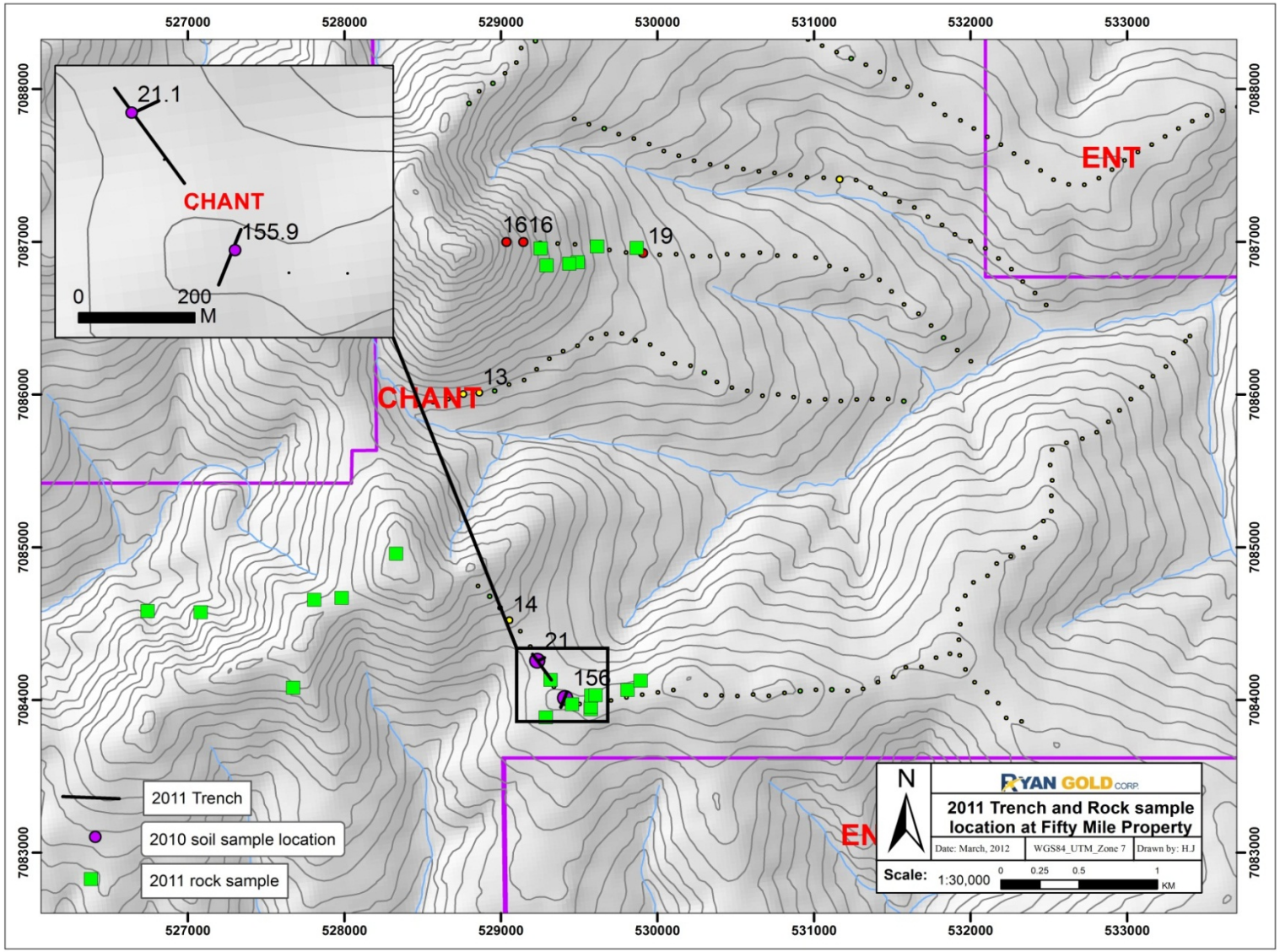


Figure 8. Trench and Rock sample location map

aged Nasina assemblage structurally lies above or equivalent to the meta-siliciclastic unit (DMps) (Figure 9).

Aforementioned Paleozoic gneiss and schist are intruded by plugs and/or stocks of Cretaceous quartz monzontie and granodiorite (Kg) and Jurassic aged granodiorite (eJgd) which is unconformably overlain by massive andesite flows and breccias of Cretaceous Carmacks Group (uKv), with local occurrences of coarse clastic sedimentary rocks to conglomerate (IKcg) at the base of sequence.

4.2 Property Geology and Mineralization

The following section of the property geology is heavily referenced from J. Pautler (2010).

The fifty mile project comprising Chant, Echo, NChant and ENT claim is underlain by Devonian to Missipian orthogneiss. K-spar augen bearing orthogneiss (DMoga) predominates Echo claim area while tonalitic to dioritic orthogneiss, interlayered with amphibolite schist and gneiss (intermediate to mafic metavolcanic rocks) dominates northeast of fifty mile creek.

The Devonican to Missipian basement rocks (DMps) consisted of quartz-mica schist, locally garnetferous and grading to gneiss, metamorphosed fine clastic rocks, micaceous quartzite, rare conglomerate is exposed at Chant and NChant claim. The metamorphic grade for aforementioned unit is amphibolite grade.

Narrow bodies of Paleozoic aged serpentinized ultramafic rocks (mPums) have been mapped along a northwest trending structure at the southern Echo claim. Permian metavolcanic rocks (PKs) composed of muscovite-chlorite-quartz-feldspar and chlorite schist with greenschist metamorphic grade were mapped to the northwest of Chant claim and south of Echo claim.

Abovementioned units are intruded by plugs and stocks of Cretaceous (and/or possibly Jurassic) aged granite to granodiorite (Kg) and related dikes and/or sills and unconformably overlain by massive andesite flows and breccias of the Late Cretaceous Carmacks Group (uKCv) locally with Early Cretaceous conglomerate at the base of the sequence (IKTcg).

Block faulting has been suggested by Mortensen (1996) at the upper Sixty Mile River (northwest of the project area) defining the southeast margin of a northeast trending graben. A low angle northeast dipping normal fault was postulated by Mortensen (1996) along Fifty mile creek while recent mapping by Gordey and Ryan (2005) interpreted it as an intrusive contact between K-spar augen gneiss from the intermediate to mafic orthogneiss and siliciclastic basement. J. Pautler (2010) interpreted a northeast trending fault extending along upper Enhancement Creek, across fifty mile creek and through the central Echo claims based on topographic and aerial linement.

The 2011 prospecting and geological mapping was primarily focused on along/adjacent to the gold-in-soil anomalies that were identified from 2010 soil geochemistry survey at Chant claim. Outcrop exposure is poor at Chant Claim block and bedrocks are generally restricted to ridgetop.

Most of the geological mapping is based on talus, subcrop and float which are most common in the area and minor outcrop at the ridge top. Considerable amount of bedrock exposed at trenches dug across the Au in soil anomaly supplemented the geological mapping. Property geology of Chant Claim based on the geological observation in 2011 is shown in Figure 10. Four rock types which are listed below were identified at Chant claim during the 2011 program.

Granodiorite: Light to dark gray on fresh surface with light brown or orange colour on weathered surface, fine-grained granodiorite consisted of mostly plagioclase, quartz and generally less than 5% of mafic mineral (biotite or hornblende). Moderate sericite alteration, weak silicification and some chlorite stringers was observed in granodiorite containing fine grained disseminated pyrite ranging between 0.5% and 2%. Quartz veins of mm to cm scale were also observed in granodiorite. The rock type is believed to be late Cretaceous intrusion (Kgd) cutting through Devonian-Missipian aged metasedimentary rocks of quartz-biotite schist (DMps).

Andesite/Basalt: Dark grey, hornblende or augite phyric volcanic rocks of andesitic to basalt composition contains up to 1% of very fine grained pyrite and 0.5% of pyrrhotite and generally magnetic. The rock type is interpreted to belong to the Carmacks group (uKCv).

Quartz Conglomerate: White to light grey quartz conglomerate outcrop was identified at the base of Andesite of Carmacks group. The quartz pebble size ranges between 1cm and 7cm with limonitic alteration on the weathered surface. Little mineralization was observed in the quartz conglomerate.

Schist/Gneiss: Light to dark grey metasedimentary rocks with the amphibolite metamorphic grade composed of foliated/banded layers of biotite, hornblende, muscovite and quartz. Weak to locally moderate sericite alteration, weak chlorite alteration and locally magnetite was identified in the schist. Mineralization is dominated by disseminated or stringer pyrite with generally less than 1% and up to 5% locally. Two sets of veining were identified with one set of quartz veins along the foliation and the other set crosscutting the foliation.

A total of 36 rock samples were collected in 2011 at Chant claim, 34 of which were grab samples from subcrop, talus and float and remaining two are outcrop samples from the ridgetop. Rock sample locations were illustrated in Figure 10 and rock sample description with location data is listed in Appendix IV. The assay certificate of rock samples appear in Appendix VI. Most of rock samples returned between below detection limit to 0.089 ppm gold with maximum arsenic values of 346.5 ppm.

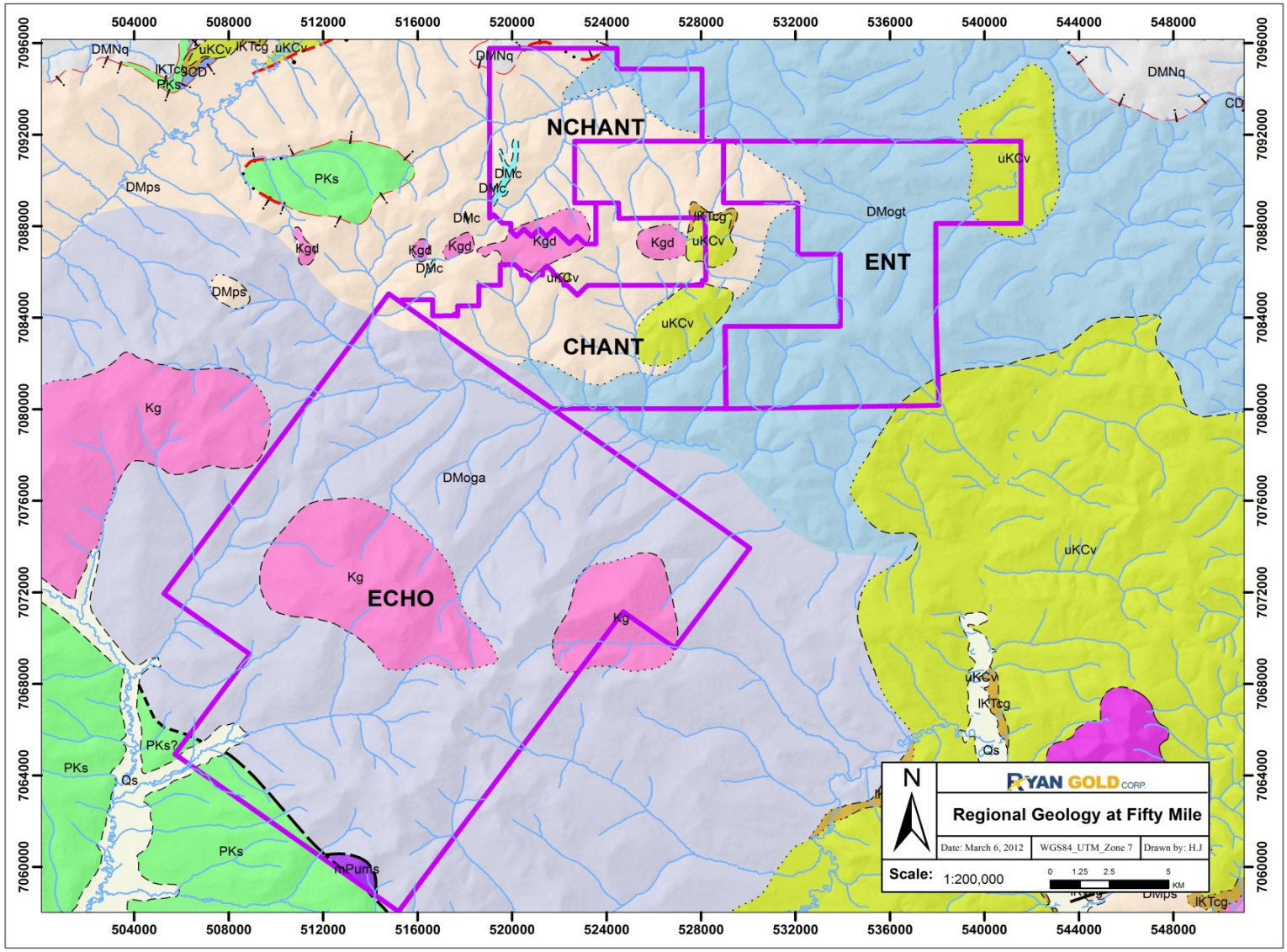


Figure 9. Regional Geology Map

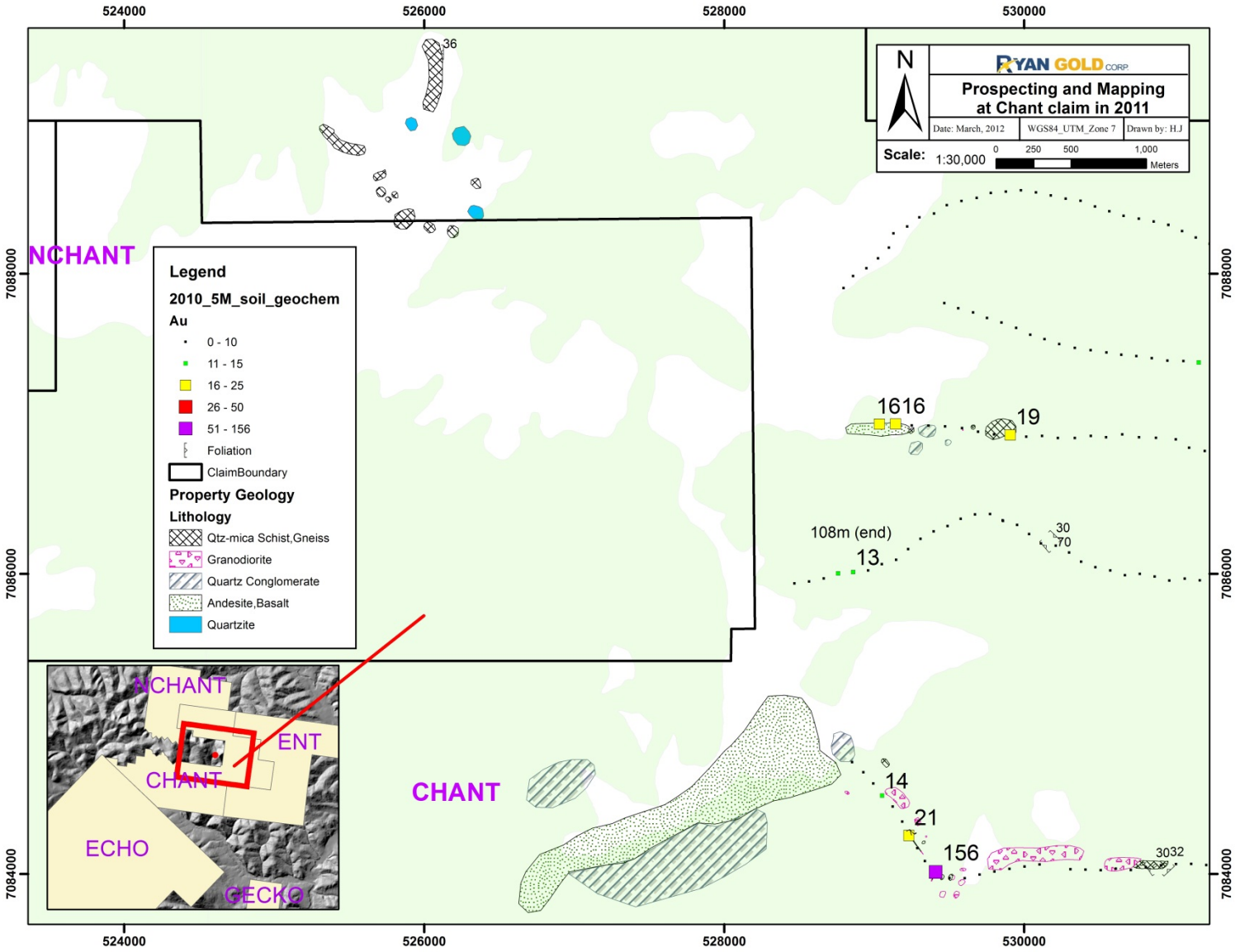


Figure 10. Property Geology

5. Trenching

Between June 13th and June 23rd, 2011, three trenches totalling 380 meters were dug at Chant Claim to examine the 156 ppm, 21ppm and 14ppm Au in soil anomaly identified from the 2010 soil geochem survey (Fig. 11). A CANDIG backhoe from Talus Exploration was used to construct the trenches. A backhoe operator and one assistant from Talus Exploration completed the three trenches under the supervision of the author. The first trench 5MTR001 was dug across the 156ppm gold in soil (Fig. 10). In addition, two crosscutting trench 5MTR002 and 5MTR003 were dug with the effort to expose bedrock/bedrock related talus beneath the 21ppm and 14ppm Au in soil anomalies (Fig. 10).

Trenches were generally 30- 80cm deep and 30-40cm wide. The trenching depth was determined by backhoe digging ability and permafrost condition. First trench - 5MTR001 has exposed rock that is believed to be in-situ subcrop continuously throughout the entire length of trench while the second and third trench which are located 110m northwest of the first trench, encountered sporadic sections of permafrost (Fig. 11). No trench samples were taken from the permafrost section due to little rock exposure. Rock chip samples were systematically collected from one side of the trench wall and as representative as possible over the sample interval. Sample intervals ranged between 0.3m and 2m based on the lithology contact and mineralization. Sample number was written outside of plastic bag and corresponding sample tag was placed inside of the bag. An aluminum tag with sample number and sample interval inscribed was tied to a twig in the bush nearby.

Lithological, alteration, mineralization and veining data were systematically collected along with sampling before the samples were sent to ACME Analytical Lab Ltd., Vancouver for analysis. 250g of trench samples were crushed and pulverized to 200 mesh followed by Aqua Regia digestion ICP-MS analysis for 36 geochem elements with additional 50g fire assay fusion gold by ICP-ES.

The lithology, alteration, mineralization, veining and structure identified from logging three trenches are summarized in the following section.

Lithology

Trench 5MTR001 and 5MTR002 intersected tan coloured fine grained granodiorite dike intruding dark gray quartz mica (mostly biotite) schist for the section of 0- 40.2m of 5MTR001 and again 0- 53.6m of 5MTR002. The granodiorite dike ranging between 0.5m to 8m in thickness consisted of plagioclase and quartz with less than 5% of mica. Quartz biotite schist was dominant rock type identified in the remaining section of the three trenches (40.2-108m of 5MTR001, 53.6-220m of 5MTR002 and 0-52m of 5MTR003).

Alteration and Veining

Weak to locally moderate chlorite, epidote and magnetite alteration was identified from the trench 5MTR002 and 5MTR003. Limonitic alteration was common in quartz vein/veinlets present along the foliation plane in quartz biotite schist in trench 5MTR001.

Mineralization

Mineralization is predominantly pyrite with concentration ranging from trace amount to 3%. Pyrite was present as disseminated or patchy in quartz biotite schist and/or in quartz vein/veinlets. Often the sulfides in quartz vein have been mostly oxidized to iron oxide (jarosite or goethite).

Structure

As a result of brittle feature of the quartz mica schist, accurate structure measurement was difficult to obtain in the trenches. The foliation plane in the schist appears to be shallow dipping striking NE or SW.

In summary, the anomalous gold values in soil from 2010 soil geochem survey conducted at Chant claim appears to be caused by sulfide bearing quartz veins present in the quartz biotite schist and locally associated with chlorite-epidote-magnetite alteration present in the biotite schist.

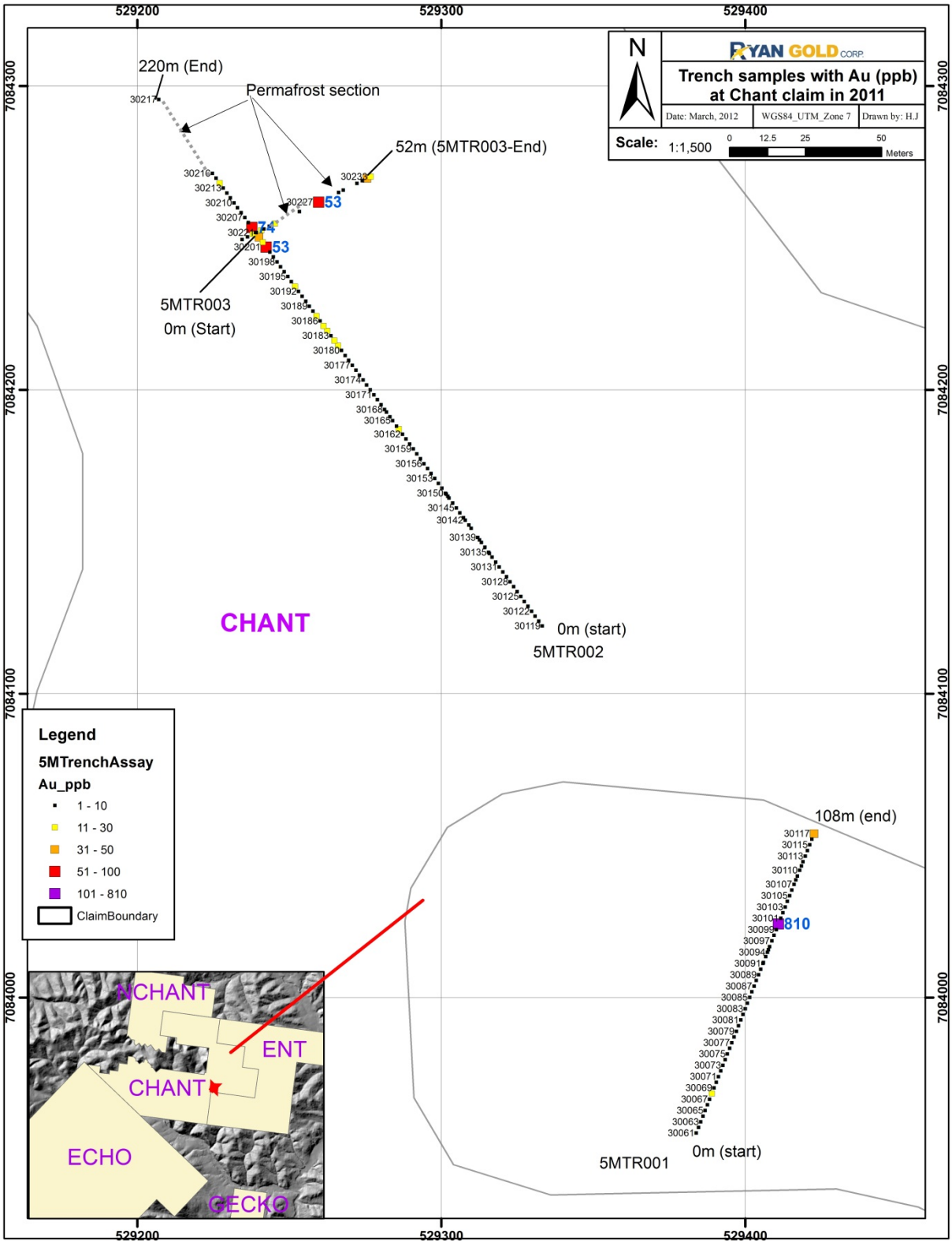


Figure 11. Location of three trenches, trench sample No. and Au values (ppb)

6. Soil geochemistry

6.1 Soil sampling method and analysis

This section is taken from the Chant 2010 soil geochemistry assessment report (Jin, 2010).

"*Soil samples were taken with one meter soil auger and a prospector pick where necessary. Soil samples were gathered from an average depth of approximately 60 centimeter ranging from 20cm to 110cm from B or C horizon soil. Soil sample locations were clearly marked in the field with pink flagging and aluminum tags. The sample number was inscribed on the aluminum tag and tied to a tree or shrub at shoulder height above sample site. The coordinates of sample location was collected by a Garmin Map76 GPS in UTM NAD 83. Sample description including color, depth, slope, sample quality, ground vegetation, tree cover and GPS coordinates were recorded in a Palm PDA data recorder.*

Approximately 400-500 grams of soil was collected from every station spaced 50m apart on the traverse line and stored in kraft soil bags. All samples were brought back to Dawson City and air dried, repacked in rice bags and sent to ACME labs in Vancouver. Samples are analyzed by Aqua Regia ICP-MS for 36 element (Acme Labs 1DX-15 gram)."

The 2011 soil geochem sampling program composed of soil samples collected at 50m spacing on most of ridge and spur traverse lines at Chant, Echo, NChant and ENT claim blocks as well as a small grid sampling at northern Chant claim. Location of the soil sample is shown in Figure 7 and the detailed sample description is listed in Appendix III.

6.2 Results and Interpretation

Statistical analysis was performed on Au values in 12,089 soil samples to identify background value as well as threshold for anomalous values. The Au value in soil at Fifty mile area comprising Chant, Echo, ENT and NChant ranged from the below detection limit (<0.5ppb) to 968.1 ppb. The histogram analysis shown in Figure 12 indicates that 95% of Au in soil values fall between the below detection limit and 6 ppb and the 98th percentile is 10.5 ppb.

The correlation analysis among elements of interest in the soil sample suggest that the strongest correlation (65%) exists between As and Sb (Fig. 13). The most correlation with Au is with Hg (36%), As (34%) and Sb (28%) (Fig. 13).

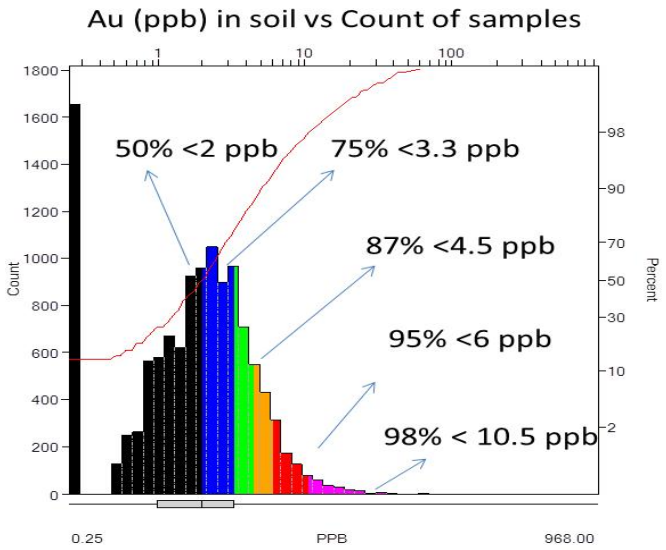


Figure 12. Au (ppb) in soil Vs. Total count of samples in the specified value range

In order to define the anomalous arsenic values in soil, histogram analysis was again performed on As (ppm) values of all the soil samples collected in 2011 (Figure 14). It appears that more than 98% of soil samples (the red curve which is the total accumulative percentage) has arsenic concentration less than 100ppm, as such the value was used as the threshold to identify the spatial distribution of the anomalous As values in soil at Fifty mile (Figure 15).

Based on Au in soil anomaly (Figure 14) and As in soil anomaly map (Figure 15), it is evident that a cluster of soil anomalies occurs in Chant claim, to the east and south of Mt. Hart and extends northwest at NChant claim. The soil anomaly area is outlined on the figure 17 which shows the gridding of Au in soil values at Fifty Mile.

Figure 18 to Figure 21 show anomalous gold and arsenic concentration in soil in the context of regional geology and regional mag data. It should be noted that the occurrence of soil anomaly is predominantly located within the Devonian Missipian basement rocks (DMps), which possibly indicates that the favourable host rock for mineralization is Devonian-Missipian metasilicic rocks composed of quartz-mica schist, locally garnetferous and grading to gneiss, metamorphosed fine clastic rocks, micaceous quartzite rather than augen bearing orthogneiss (DMoga) at Echo claim or tonalitic or dioritic orthogneiss (DMogt) mapped at ENT claim block.

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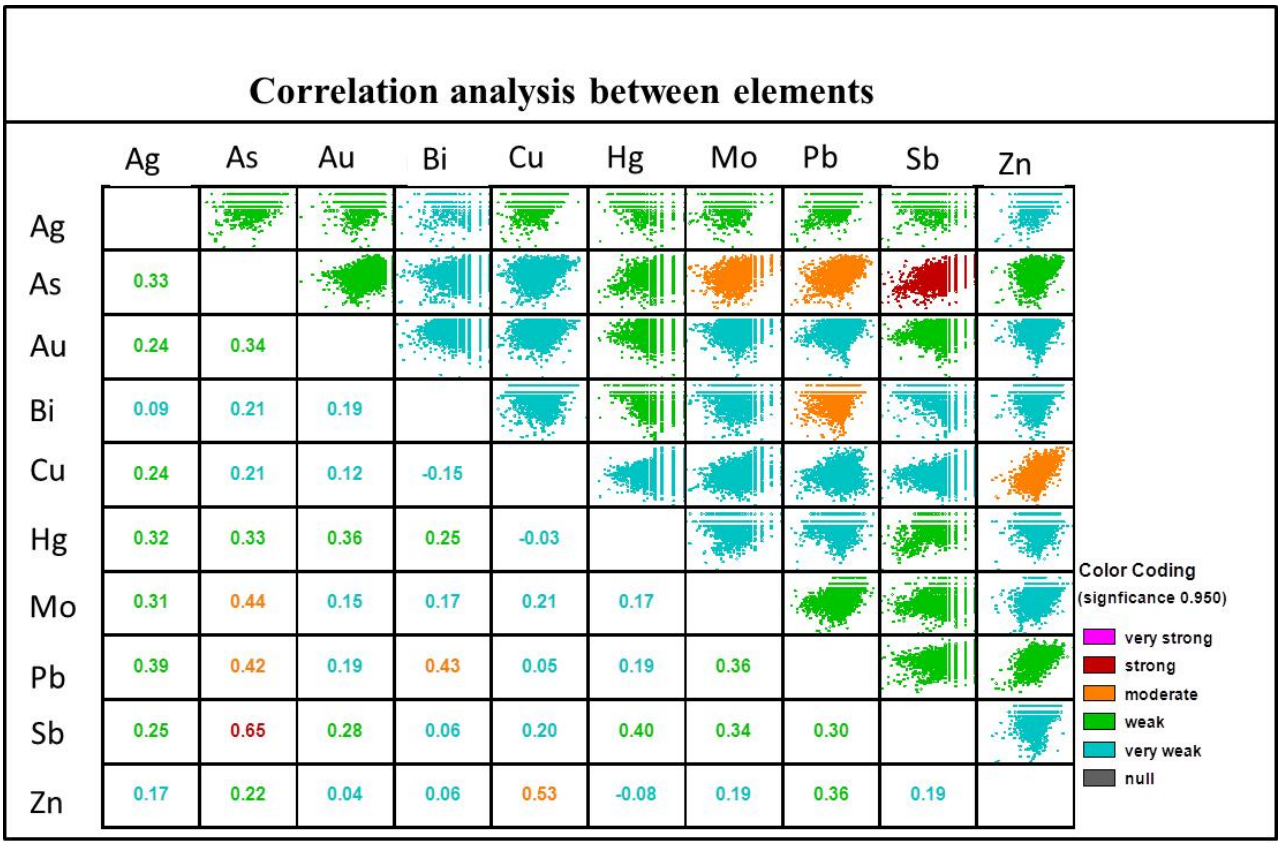


Figure 13. Correlation analysis between elements of interest in the soil sample

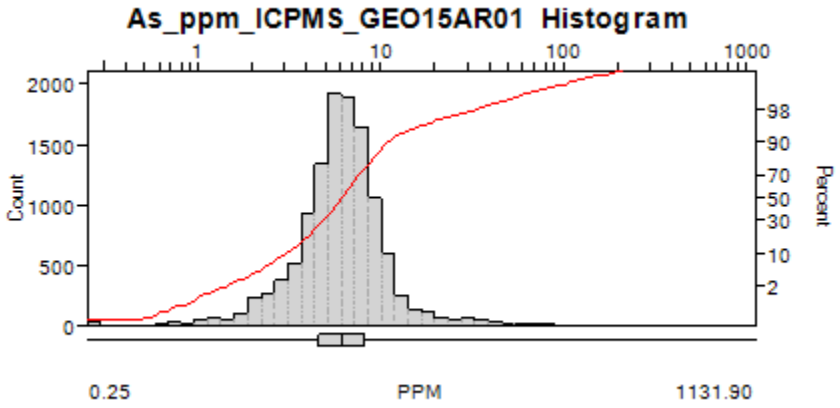


Figure 14. As (ppm) in soil Vs. Total count of samples in the specified value range

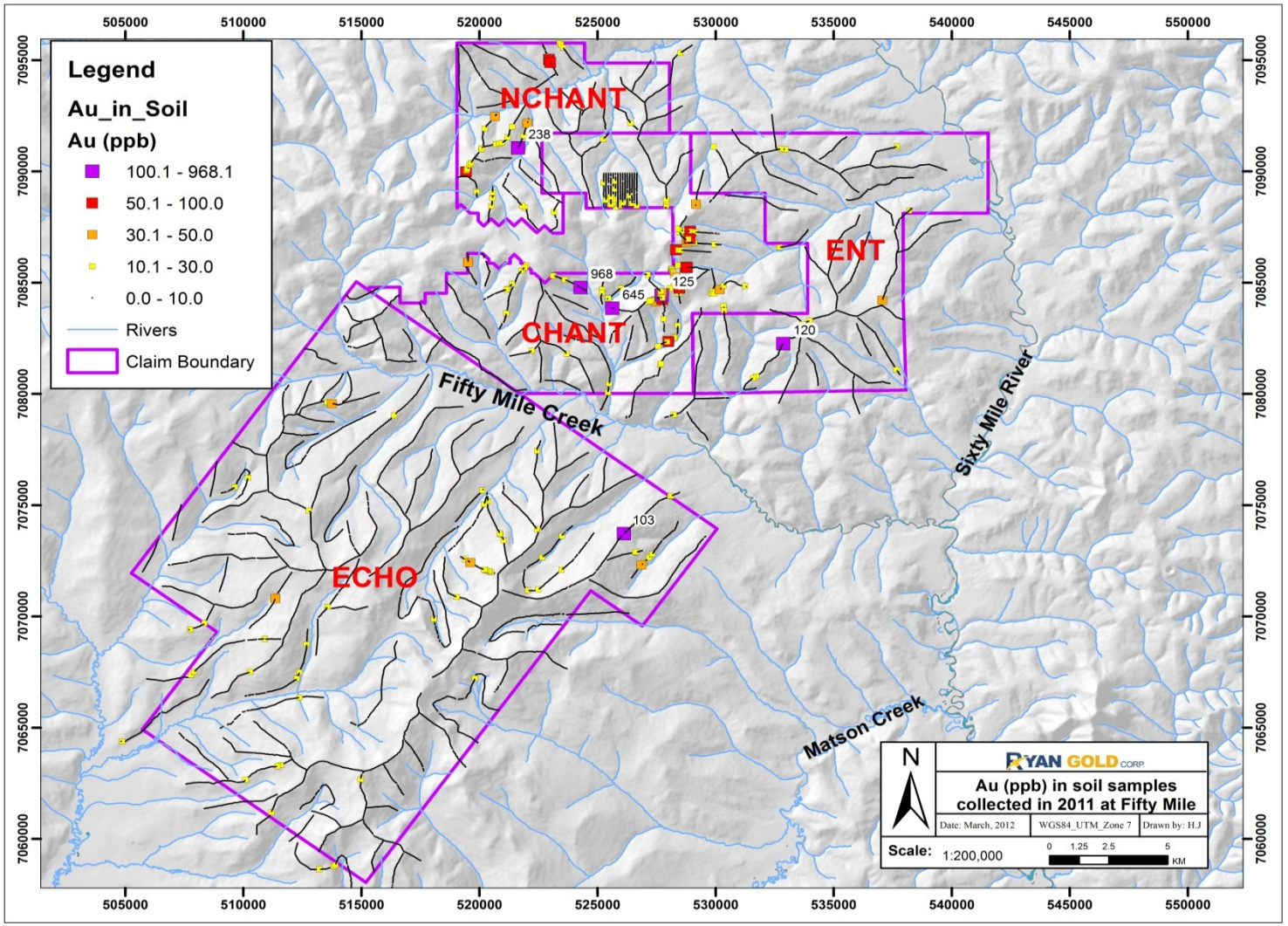


Figure 15. Au (ppb) in soil samples collected in 2011 at Fifty Mile

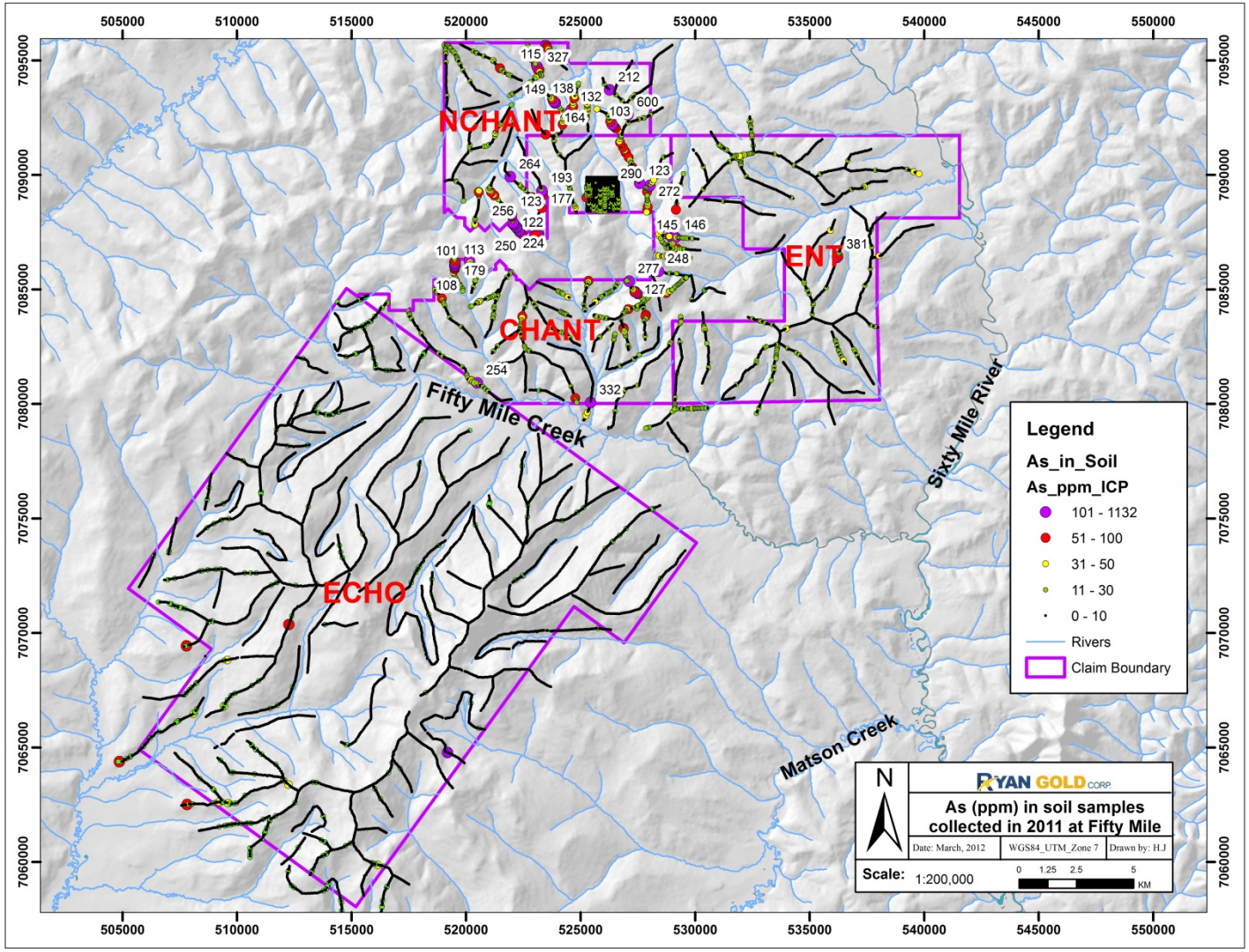


Figure 16. As (ppm) in soil samples collected in 2011 at Fifty Mile

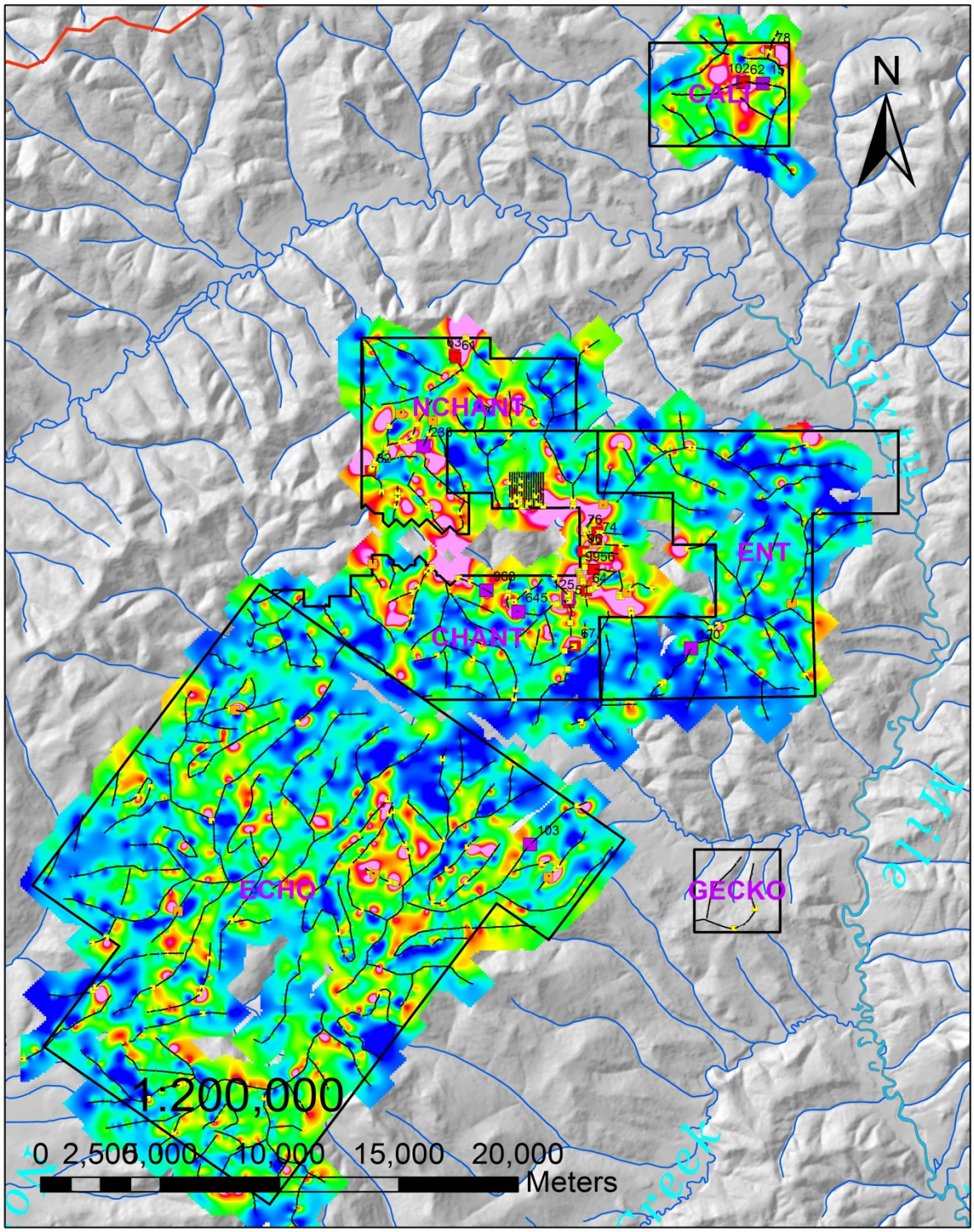


Figure 17. Krigging of Au values of soil samples collected in 2011 at Fifty Mile

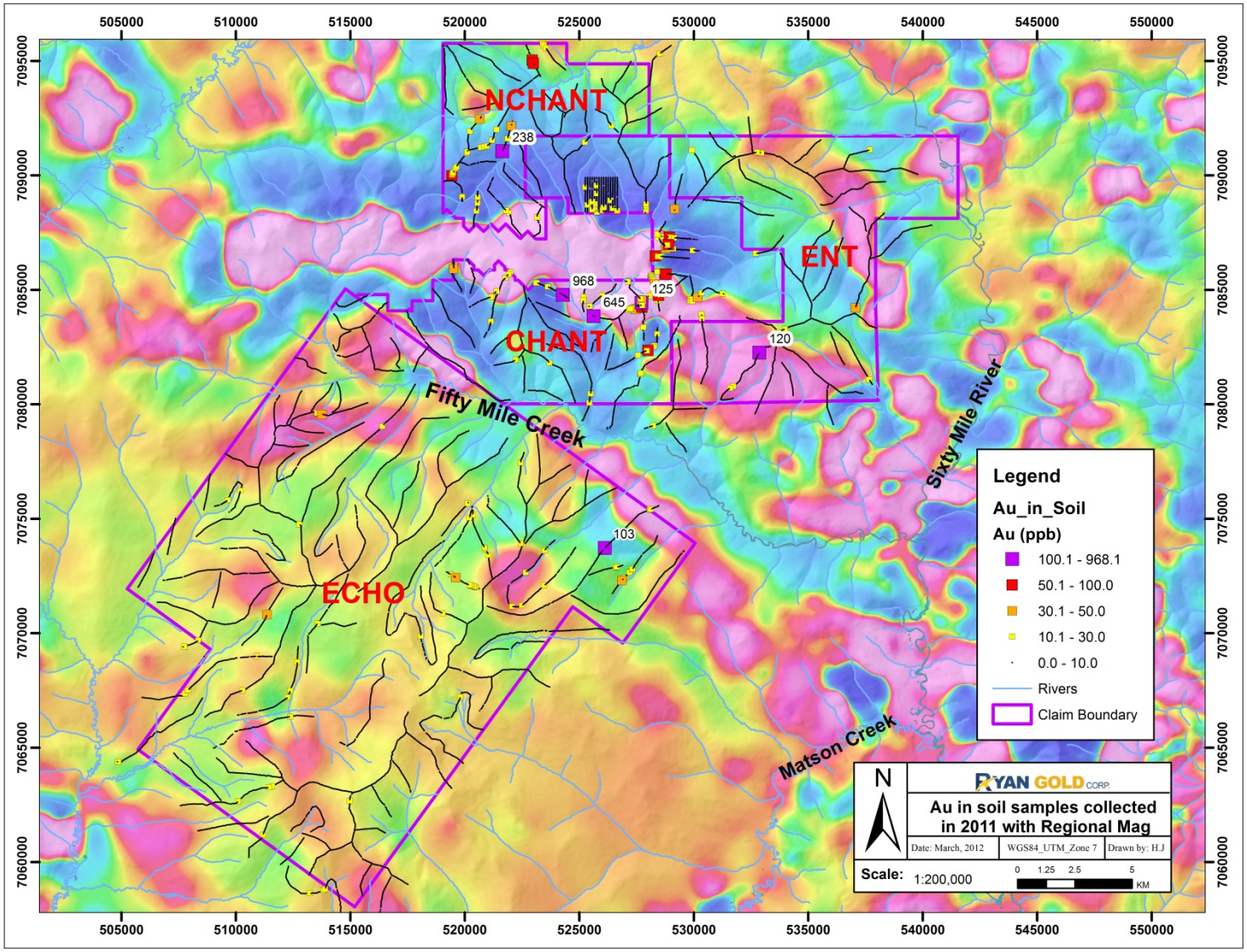


Figure 18. Au in soil samples collected in 2011 with Regional Mag

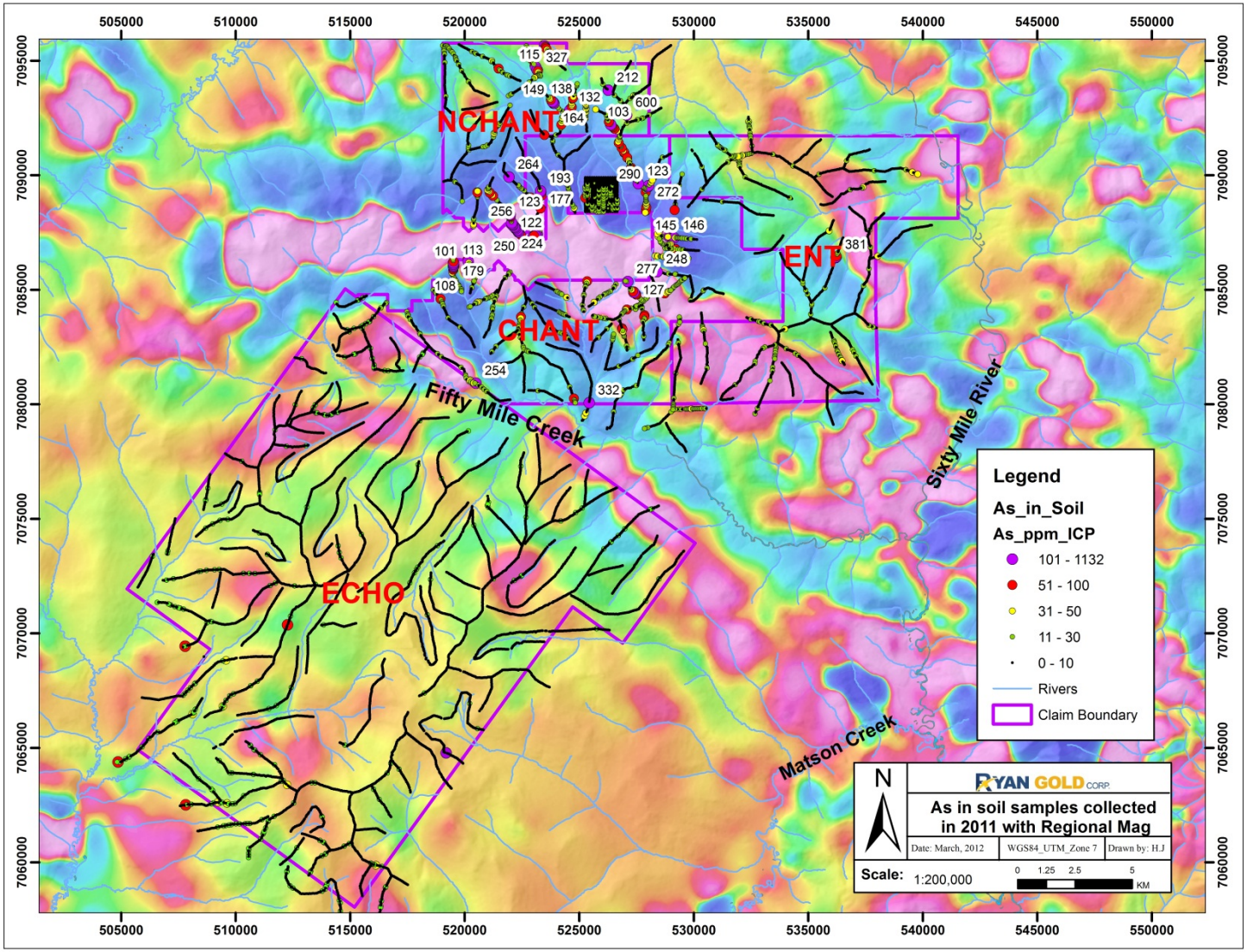


Figure 19. As in soil samples collected in 2011 with Regional Mag

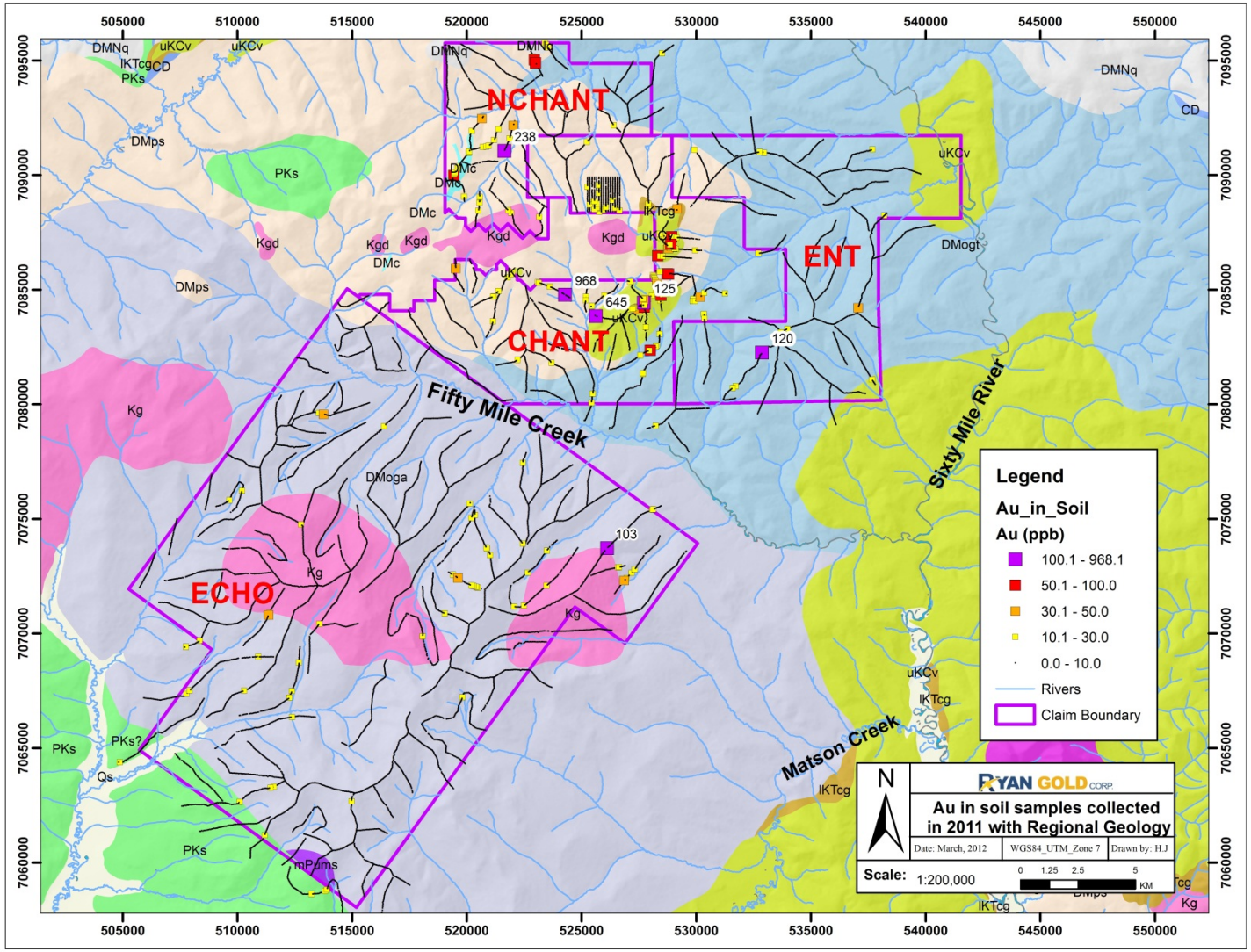


Figure 20. Au in soil samples collected in 2011 with Regional Geology

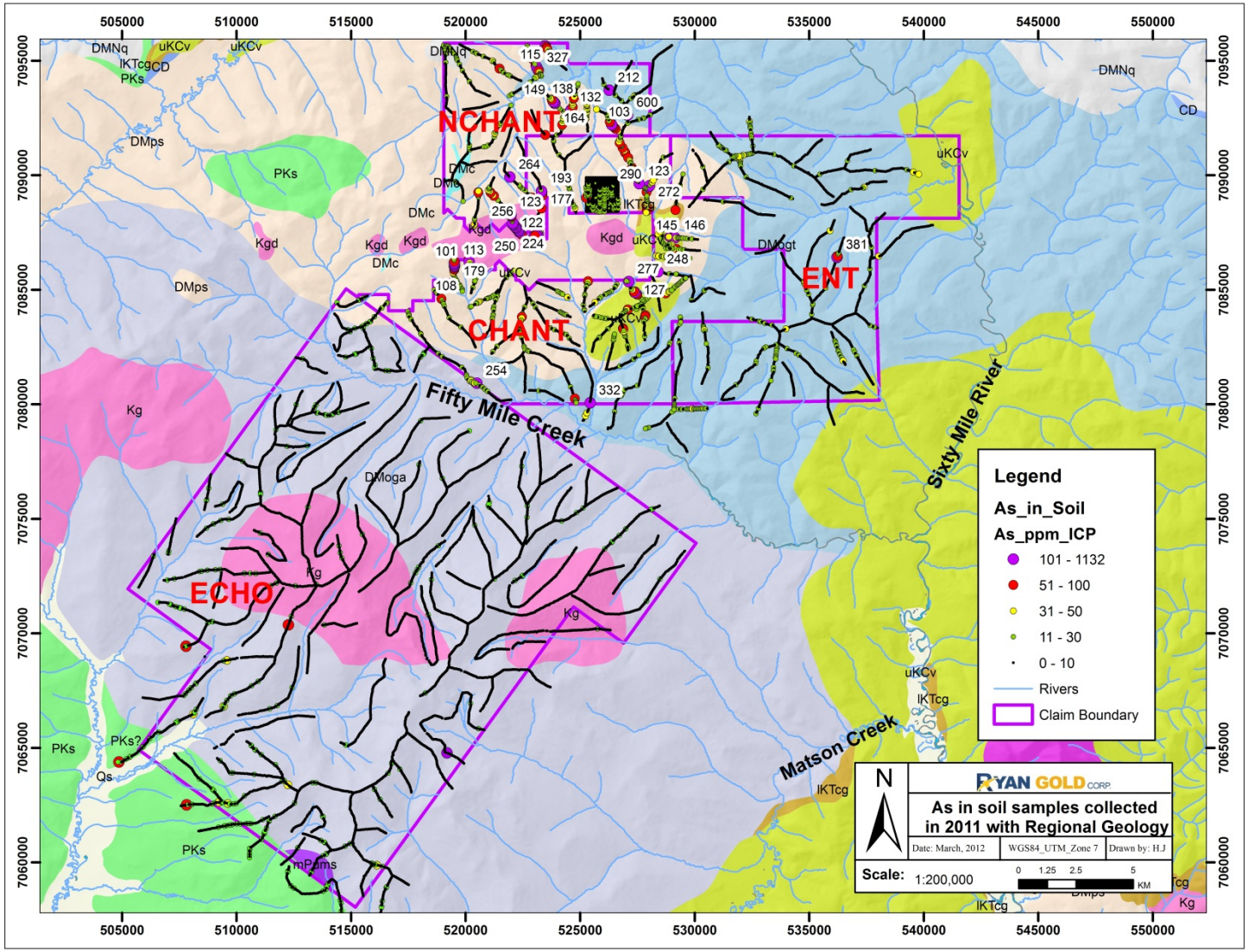


Figure 21. Au in soil samples collected in 2011 with Regional Geology

7. CONCLUSIONS and RECOMMENDATIONS

The 2011 exploration program at Fifty Mile consisted of prospecting and trenching at Chant claim and ridge and spur soil sampling as well as minor grid sampling at Chant, Echo, ENT and NChant claim blocks. The trenching and prospecting at Chant claim identified that anomalous Au values in soil from the 2010 soil geochemistry survey is associated with pyritic mineralization in limonite-magnetite-chlorit-epidote altered quartz biotite schist.

The extensive soil geochemistry sampling carried out at Fifty Mile project including Chant, NChant, Echo and ENT prospects encountered an array of Au in soil anomalies occurring predominantly at Chant claim block and Nchant claim block which lies northwest to the Chant claim block. The area where the soil anomalies were identified is characterized by low magnetic signature surrounding regional magnetic high which is postulated to be related to the Cretaceous intrusive activity. Furthermore, majority of the new soil anomalis identified in 2011 occurs in the area dominated by Devonian Missipian aged basement rocks (Gordey and Ryan, 2005) which was interpreted to be the favourable host rock for mineralization from the trenching excavated to examine the 2010 soil anomaly.

Further exploration work at Fifty Mile should include follow up grid sampling of 50m spacing along sample lines and 100m line spacing over the several Au in soil anomalies at Chant and NChant claim identified from 2011 soil geochemistry to examine the extent of anomalous zone. In addition, prospecting and reconnaissance mapping combined with trenching where outcrop exposure is poor are also suggested as follow up work.

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APPENDIX I

Statement of expenditure

RYAN GOLD CORP.

CERTIFICATE OF WORK

Schedule C - Soils #2

ECHO/CHANT Regional Soil Sampling Program **Chant.ENT.Nchant Group**

(includes ENT & Nchant claims)

A crew of 15 soil samplers collected 3180 samples from July 28 to Aug 5, 2011

Description		Rate	Unit	Total
WAGES:				
Field Assistant: Soil Sampler	per day	$ 350.00	81	$ 28,350.00
Project Foreman: Soil Sampler	per day	$ 400.00	20	$ 8,000.00
Travel rate: Soil Sampler	per day	$ 250.00	9	$ 2,250.00
Packing & Prep	per day	$ 250.00	2	$ 500.00
DATA MANAGEMENT & PROCESSING SERVICES:				
GIS/Job Layout/Mapping Results Plotting	per hour	$ 75.00	6	$ 450.00
Data Processing: In the field	per hour	$ 60.00	20	$ 1,200.00
Database Management	per sample	$ 0.50	3180	$ 1,590.00
Georeferenced In situ Sample & Sample Site Photos	per photo	$ 0.50	6360	$ 3,180.00
CONSUMABLE SAMPLING SUPPLIES:				
Flagging, Metal ID Tags, Kraft Sample Bags, etc.	per sample	$ 1.00	3180	$ 3,180.00
EQUIPMENT RENTAL (per unit, per day):				
Truck Rental	per day	$ 150.00	5	$ 750.00
Truck Rental Fuel	per km	$ 0.40	600	$ 240.00
Flat Deck Trailer: 10,000 lb., 20 ft.	per day	$ 100.00	1	$ 100.00
Chainsaw drop kit: 1 per helicopter load or as required	per day	$ 35.00	20	$ 700.00
Iridium Satellite Phone: 1 per crew, charge 10 min/day	per day&min	$ 35.00	20	$ 700.00
Radio: ICOM Handheld: 1 per sample	per day	$ 5.00	101	$ 505.00
Computer/Software: 1 per camp highly data download	per day	$ 50.00	12	$ 600.00
Handheld GPS/Barcode Scanner/Camera/Data Recorder	per day	$ 15.00	101	$ 1,515.00
Camp Satellite Internet	per day	$ 20.00	7	$ 140.00
ACCOMODATION and FOOD:				
Remote Camp Fee: full fly camp/kitchen/generator	per man day	$ 35.00	101	$ 3,535.00
Food	per man day	$ 50.00	110	$ 5,500.00
EXPEDITING:				
Expeding Services: Full size truck included	per hour	$ 75.00	21	$ 1,575.00
HELICOPTER SUPPORT:	per hour	$ 1,495.00	21	$ 31,395.00
ANALYTICAL ANALYSIS COSTS:				
Acme Laboratories, Vancouver, B.C.	per sample	$ 20.00	3180	$ 63,600.00

TOTAL = $ 159,555.00

$159,555.00 divided by 3180 samples $ 50.17 PER SAMPLE

GROUPING:

CHANT/ENT/NCHANT Group#1 **61 samples taken @ $50.17/sample = $ 3,060.37**

RYAN GOLD CORP.

CERTIFICATE OF WORK

Schedule C

ECHO/CHANT Regional Soil Sampling Program **CHANT.ENT GROUP #1**

(includes ENT & Nchant claims)

A crew of 15 soil samplers collected 3180 samples from July 28 to Aug 5, 2011

Description		Rate	Unit	Total
WAGES:				
Field Assistant: Soil Sampler	per day	$ 350.00	81	$ 28,350.00
Project Foreman: Soil Sampler	per day	$ 400.00	20	$ 8,000.00
Travel rate: Soil Sampler	per day	$ 250.00	9	$ 2,250.00
Packing & Prep	per day	$ 250.00	2	$ 500.00
DATA MANAGEMENT & PROCESSING SERVICES:				
GIS/Job Layout/Mapping Results Plotting	per hour	$ 75.00	6	$ 450.00
Data Processing: In the field	per hour	$ 60.00	20	$ 1,200.00
Database Management	per sample	$ 0.50	3180	$ 1,590.00
Georeferenced In situ Sample & Sample Site Photos	per photo	$ 0.50	6360	$ 3,180.00
CONSUMABLE SAMPLING SUPPLIES:				
Flagging, Metal ID Tags, Kraft Sample Bags, etc.	per sample	$ 1.00	3180	$ 3,180.00
EQUIPMENT RENTAL (per unit, per day):				
Truck Rental	per day	$ 150.00	5	$ 750.00
Truck Rental Fuel	per km	$ 0.40	600	$ 240.00
Flat Deck Trailer: 10,000 lb., 20 ft.	per day	$ 100.00	1	$ 100.00
Chainsaw drop kit: 1 per helicopter load or as required	per day	$ 35.00	20	$ 700.00
Iridium Satellite Phone: 1 per crew, charge 10 min/day	per day&min	$ 35.00	20	$ 700.00
Radio: ICOM Handheld: 1 per sample	per day	$ 5.00	101	$ 505.00
Computer/Software: 1 per camp highly data download	per day	$ 50.00	12	$ 600.00
Handheld GPS/Barcode Scanner/Camera/Data Recorder	per day	$ 15.00	101	$ 1,515.00
Camp Satellite Internet	per day	$ 20.00	7	$ 140.00
ACCOMODATION and FOOD:				
Remote Camp Fee: full fly camp/kitchen/generator	per man day	$ 35.00	101	$ 3,535.00
Food	per man day	$ 50.00	110	$ 5,500.00
EXPEDITING:				
Expeding Services: Full size truck included	per hour	$ 75.00	21	$ 1,575.00
HELICOPTER SUPPORT:	per hour	$ 1,495.00	21	$ 31,395.00
ANALYTICAL ANALYSIS COSTS:				
Acme Laboratories, Vancouver, B.C.	per sample	$ 20.00	3180	$ 63,600.00

TOTAL = $ 159,555.00

$159,555.00 divided by 3180 samples $ 50.17 PER SAMPLE

GROUPING:

CHANT/ENT Group#1 **115 samples taken @ $50.17/sample = $ 5,769.55**

RYAN GOLD CORP.

CERTIFICATE OF WORK

Schedule C

ECHO/CHANT Regional Soil Sampling Program

(includes ENT & Nchant claims)

A crew of 15 soil samplers collected 8909 samples from June 19 to July 2 & July 20 to 27, 2011

Description			Rate	Unit	Total
WAGES:					
	Field Assistant: Soil Sampler	per day	$ 350.00	231	$ 80,850.00
	Project Foreman: Soil Sampler	per day	$ 400.00	58	$ 23,200.00
	Travel rate: Soil Sampler	per day	$ 250.00	35	$ 8,750.00
	Packing & Prep	per day	$ 250.00	10	$ 2,500.00
	Weather rate: Soil Sampler	per day	$ 250.00	30	$ 7,500.00
	Stat Holiday (Foremen, Crew, Expeditors)	per day			$ 5,500.00
DATA MANAGEMENT & PROCESSING SERVICES:					
	GIS/Job Layout/Mapping Results Plotting	per hour	$ 75.00	16	$ 1,200.00
	Data Processing: In the field	per hour	$ 60.00	60	$ 3,600.00
	Database Management	per sample	$ 0.50	8909	$ 4,454.50
	Georeferenced In situ Sample & Sample Site Photos	per photo	$ 0.50	9829	$ 4,914.50
CONSUMABLE SAMPLING SUPPLIES:					
	Flagging, Metal ID Tags, Kraft Sample Bags, etc.	per sample	$ 1.00	8909	$ 8,909.00
EQUIPMENT RENTAL (per unit, per day):					
	Truck Rental	per day	$ 150.00	21	$ 3,150.00
	Truck Rental Fuel	per km	$ 0.40	800	$ 320.00
	Flat Deck Trailer: 10,000 lb., 20 ft.	per day	$ 100.00	3	$ 300.00
	Chainsaw drop kit: 1 per helicopter load or as required	per day	$ 35.00	58	$ 2,030.00
	Iridium Satellite Phone: 1 per crew, charge 10 min/day	per day&min	$ 35.00	58	$ 2,030.00
	Radio: ICOM Handheld: 1 per sample	per day	$ 5.00	289	$ 1,445.00
	Computer/Software: 1 per camp highly data download	per day	$ 50.00	40	$ 2,000.00
	Handheld GPS/Barcode Scanner/Camera/Data Recorder	per day	$ 15.00	289	$ 4,335.00
	Camp Satellite Internet	per day	$ 20.00	20	$ 400.00
ACCOMODATION and FOOD:					
	Remote Camp Fee: full fly camp/kitchen/generator	per man day	$ 35.00	319	$ 11,165.00
	Food	per man day	$ 50.00	354	$ 17,700.00
EXPEDITING:					
	Expeding Services: Full size truck included	per hour	$ 75.00	60	$ 4,500.00
	Drum Fillup & Delivery (local) truck,Labour,drum deposit incl.	per drum	$ 50.00	6	$ 300.00
HELICOPTER SUPPORT:					
	83.6 Hours & Fuel				$ 140,850.00
ANALYTICAL ANALYSIS COSTS:					
	Acme Laboratories, Vancouver, B.C.	per sample	$ 20.00	8909	$ 178,180.00
				TOTAL =	**$ 520,083.00**

$520,083.00 divided by 8909 samples **$ 58.38**

PER SAMPLE

RYAN GOLD CORP.

CERTIFICATE OF WORK

Schedule C

ECHO/CHANT Regional Soil Sampling Program

(includes ENT & Nchant claims)

A crew of 15 soil samplers collected 3180 samples from July 28 to Aug 5, 2011

Description		Rate	Unit	Total
WAGES:				
Field Assistant: Soil Sampler	per day	$ 350.00	81	$ 28,350.00
Project Foreman: Soil Sampler	per day	$ 400.00	20	$ 8,000.00
Travel rate: Soil Sampler	per day	$ 250.00	9	$ 2,250.00
Packing & Prep	per day	$ 250.00	2	$ 500.00
DATA MANAGEMENT & PROCESSING SERVICES:				
GIS/Job Layout/Mapping Results Plotting	per hour	$ 75.00	6	$ 450.00
Data Processing: In the field	per hour	$ 60.00	20	$ 1,200.00
Database Management	per sample	$ 0.50	3180	$ 1,590.00
Georeferenced In situ Sample & Sample Site Photos	per photo	$ 0.50	6360	$ 3,180.00
CONSUMABLE SAMPLING SUPPLIES:				
Flagging, Metal ID Tags, Kraft Sample Bags, etc.	per sample	$ 1.00	3180	$ 3,180.00
EQUIPMENT RENTAL (per unit, per day):				
Truck Rental	per day	$ 150.00	5	$ 750.00
Truck Rental Fuel	per km	$ 0.40	600	$ 240.00
Flat Deck Trailer: 10,000 lb., 20 ft.	per day	$ 100.00	1	$ 100.00
Chainsaw drop kit: 1 per helicopter load or as required	per day	$ 35.00	20	$ 700.00
Iridium Satellite Phone: 1 per crew, charge 10 min/day	per day&min	$ 35.00	20	$ 700.00
Radio: ICOM Handheld: 1 per sample	per day	$ 5.00	101	$ 505.00
Computer/Software: 1 per camp highly data download	per day	$ 50.00	12	$ 600.00
Handheld GPS/Barcode Scanner/Camera/Data Recorder	per day	$ 15.00	101	$ 1,515.00
Camp Satellite Internet	per day	$ 20.00	7	$ 140.00
ACCOMODATION and FOOD:				
Remote Camp Fee: full fly camp/kitchen/generator	per man day	$ 35.00	101	$ 3,535.00
Food	per man day	$ 50.00	110	$ 5,500.00
EXPEDITING:				
Expeding Services: Full size truck included	per hour	$ 75.00	21	$ 1,575.00
HELICOPTER SUPPORT:	per hour	$ 1,495.00	21	$ 31,395.00
ANALYTICAL ANALYSIS COSTS:				
Acme Laboratories, Vancouver, B.C.	per sample	$ 20.00	3180	$ 63,600.00

TOTAL = **$ 159,555.00**

$159,555.00 divided by 3180 samples **$ 50.17 PER SAMPLE**

RYAN GOLD CORP.

CERTIFICATE OF WORK

Schedule C - MAPPING & ROCK SAMPLING PROGRAM

Chant 1 to 112 Claims

MAPPING & ROCK SAMPLING PROGRAM

A total of 20.0 man days were required to perform geological mapping and collect 36 rock samples from June 13 to 23, 2011

Description		Rate	Unit	Total
WAGES:				
Senior Geologist	per day	$ 550.00	5	$ 2,750.00
Project Geologist	per day	$ 425.00	2	$ 850.00
Geo Tech	per day	$ 190.00	2	$ 380.00
Geo Tech	per day	$ 250.00	3	$ 750.00
Geo Tech	per day	$ 210.00	2	$ 420.00
Geo Tech	per day	$ 230.00	3	$ 690.00
CONSUMABLE SAMPLING SUPPLIES:				
Flagging, Metal ID Tags, Sample Bags, Ore Bags, Rice Bags, etc.	per sample	$ 1.00	36	$ 36.00
EQUIPMENT RENTAL (per unit, per day):				
Iridium Satellite Phone: 1 per crew, charge 10 min/day	per day&min	$ 35.00	5	$ 175.00
Radio: ICOM Handheld: 1 per person	per day	$ 5.00	17	$ 85.00
Handheld GPS/Camera/Data Recorder	per day	$ 15.00	17	$ 255.00
ACCOMODATION and FOOD:				
Camp Fee	per man day	$ 35.00	17	$ 595.00
Dawson Accomodation Fee: Samplers based in Dawson	per man day	$ 35.00		$ -
Food	per man day	$ 50.00	17	$ 850.00
HELICOPTER SUPPORT:				
Trans North Helicopters, Whitehorse, YK	per hour	$ 1,575.00	3.5	$ 5,512.50
	per hour	$ 990.00	2.4	$ 2,376.00
FUEL	per litre	$ 1.55	873	$ 1,353.15
ANALYTICAL ANALYSIS COSTS:				
Acme Laboratories, Vancouver, B.C./ROCK	per sample	$ 38.00	36	$ 1,368.00
REPORT WRITING:				$ 500.00
			MAPPING & ROCK SAMPLING PROGRAM =	**$ 18,945.65**

30% of Mapping/Rock sampling program costs were on Chant 1 to 112 = $ 5,683.70

48 GEOLOGICAL OBSERVATIONS & 15 ROCK SAMPLES

TOTAL/CHANT 1 TO 112

RYAN GOLD CORP.

CERTIFICATE OF WORK

Schedule C - TRENCHING

Chant 1-112 Claims

TRENCHING PROGRAM:

THREE TRENCHES = 380.0 METERS/Total Mandays=20.5/172 Samples Collected/Work performed from June 14 - 19, 2011

Description		Rate	Unit	Total
CONTRACTOR:				
Talus Exploration Inc., Dawson City, Yukon				
Inv.CHA-2011-01 - 3 trenches - June14 to June 19/11				$ 7,833.00
- total of 7.5 man days/excavating & linecutting				
WAGES:				
Senior Geologist	per day	$ 550.00	4	$ 2,200.00
Geo Tech	per day	$ 210.00	3	$ 630.00
Geo Tech	per day	$ 230.00	1	$ 230.00
Geo Tech	per day	$ 190.00	5	$ 950.00
CONSUMABLE SAMPLING SUPPLIES:				
Flagging, Metal ID Tags, Sample Bags, Ore Bags, Rice Bags, etc.	per sample	$ 1.00	172	$ 172.00
EQUIPMENT RENTAL (per unit, per day):				
Iridium Satellite Phone: 1 per crew, charge 10 min/day	per day&min	$ 35.00	5	$ 175.00
Radio: ICOM Handheld: 1 per person	per day	$ 5.00	13	$ 65.00
Handheld GPS/Camera/Data Recorder	per day	$ 15.00	13	$ 195.00
ACCOMODATION and FOOD:				
Camp Fee	per man day	$ 35.00	13	$ 455.00
Dawson Accomodation Fee: Samplers based in Dawson	per man day	$ 35.00		$ -
Food	per man day	$ 50.00	13	$ 650.00
HELICOPTER SUPPORT:				
Trans North Helicopters, Whitehorse, YK	per hour	$ 1,575.00	0.9	$1,417.50
	per hour	$ 990.00	9.5	$9,405.00
FUEL	per litre	$ 1.55	1241	$1,923.55
ANALYTICAL ANALYSIS COSTS:				
Acme Laboratories, Vancouver, B.C./Trench Samples	per sample	$ 38.00	172	$ 6,536.00
REPORT WRITING:				$ 500.00
				$ 33,337.05

TRENCHING

APPENDIX - II

Statement of Qualification

STATEMENT OF QUALIFICATIONS

I, Hua Jin, do hereby declare that:

1. I am currently employed as Senior Project Geologist for Ryan Gold Corp. of Suite 600 – 666 Burrard Street, Vancouver, British Columbia V6C 2X8.

2. I am a graduate of the Peking University with a Bachelor of Science Degree (2003) in Earth Science and Master of Science Degree (2005) in Earth Science from the Western University (formerly known as the University of Western Ontario).

3. From 2006 to present, I have practised my profession as a geologist continuously in Nunavut and Yukon Territory in Canada, Niamey in Niger and Nevada in United States for over six years.

APPENDIX – III

Soil Sample Description and Location Data

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1004414	21/06/2011	529156	7086778	UTMZ7N_NAD83	Grass Cover	Dark Brown	Clay	Steep	A	20	Damp	Poor	No Tree Cover
1004415	25/06/2011	530549	7089726	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1004416	25/06/2011	530535	7089776	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Clay	Subtle Slope	B	70	Damp	Good	Old Burn
1004417	25/06/2011	530525	7089826	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	50	Wet	Good	White Spruce
1004418	25/06/2011	530516	7089876	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Subtle Slope	A	20	Wet	Poor	White Spruce
1004419	25/06/2011	530501	7089925	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Clay	Subtle Slope	B	40	Damp	Good	Old Burn
1004440	19/06/2011	527650	7084270	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1004441	19/06/2011	527553	7084227	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Subtle Slope	B	60	Damp	Good	Dwarf Birch
1004442	19/06/2011	527493	7084188	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Silt	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1004443	19/06/2011	527462	7084139	UTMZ7N_NAD83	Leaf Cover	Bluish Grey	Silt	Subtle Slope	B	60	Damp	Good	Dwarf Birch
1004444	19/06/2011	527739	7084244	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	Dwarf Birch
1004445	19/06/2011	527745	7084194	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1004446	19/06/2011	527741	7084146	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1004447	19/06/2011	527820	7082862	UTMZ7N_NAD83	Thin Moss Cover	Greyish Green	Sand	Pronounced Slope	C	40	Damp	Excellent	Black Spruce
1004448	19/06/2011	527813	7082913	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Bluish Grey	Sand	Pronounced Slope	C	50	Damp	Excellent	Black Spruce
1004449	19/06/2011	527820	7082969	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Pronounced Slope	B	40	Damp	Good	Black Spruce
1004450	21/06/2011	528604	7085757	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Light Brown	Silt	Pronounced Slope	B	50	Wet	Good	Dwarf Birch
1004985	23/06/2011	530371	7083490	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	White Spruce
1004986	21/06/2011	528691	7086815	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Steep	B	50	Damp	Poor	No Tree Cover
1004987	21/06/2011	528748	7086816	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Steep	B	50	Damp	Good	No Tree Cover
1004988	23/06/2011	530375	7083440	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1004989	21/06/2011	528796	7086800	UTMZ7N_NAD83	Thin Moss Cover	Dark Grey Black	Clay	Steep	B	40	Damp	Good	No Tree Cover
1004990	21/06/2011	528855	7086805	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Steep	B	50	Damp	Good	No Tree Cover
1004991	21/06/2011	530160	7086710	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Poor	Black Spruce
1004993	24/06/2011	529349	7079784	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	White Spruce
1004994	24/06/2011	529399	7079787	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1004995	24/06/2011	529450	7079781	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	B	40	Damp	Excellent	White Spruce
1004996	24/06/2011	529499	7079785	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Wet	Good	White Spruce
1004997	24/06/2011	529548	7079787	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	White Spruce
1004998	24/06/2011	529598	7079786	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	White Spruce
1004999	24/06/2011	529648	7079793	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1005000	24/06/2011	529698	7079789	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	White Spruce
1024551	30/06/2011	523400	7095771	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	White Spruce
1024552	30/06/2011	523428	7095729	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	White Spruce
1024553	30/06/2011	523456	7095690	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	Willows
1024554	30/06/2011	523484	7095645	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	White Spruce
1024555	30/06/2011	523515	7095607	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	White Spruce
1024556	30/06/2011	523542	7095564	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	White Spruce
1024557	30/06/2011	523570	7095524	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	70	Damp	Good	White Spruce
1024558	30/06/2011	523596	7095480	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	White Spruce
1024559	30/06/2011	523621	7095438	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Good	White Spruce
1024560	30/06/2011	523650	7095396	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	White Spruce
1024561	30/06/2011	523682	7095356	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	B	50	Damp	Good	White Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1024562	30/06/2011	523706	7095312	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Good	White Spruce
1024563	30/06/2011	523738	7095272	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1024564	30/06/2011	523763	7095231	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Good	White Spruce
1024565	30/06/2011	523790	7095188	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	80	Damp	Good	White Spruce
1024566	30/06/2011	523813	7095143	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Excellent	White Spruce
1024567	30/06/2011	523846	7095103	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	White Spruce
1024568	30/06/2011	523873	7095062	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	White Spruce
1024569	30/06/2011	523900	7095019	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	White Spruce
1024570	30/06/2011	523936	7094995	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	White Spruce
1024571	30/06/2011	523974	7094959	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	White Spruce
1024572	30/06/2011	524010	7094925	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	60	Damp	Good	White Spruce
1024573	30/06/2011	524050	7094897	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	White Spruce
1024574	30/06/2011	524089	7094862	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	White Spruce
1024575	30/06/2011	524129	7094834	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Poor	White Spruce
1024576	30/06/2011	524166	7094800	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	White Spruce
1024577	30/06/2011	524205	7094768	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Poor	White Spruce
1024578	30/06/2011	524243	7094737	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	White Spruce
1024579	30/06/2011	524280	7094704	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Poor	White Spruce
1024580	30/06/2011	524318	7094672	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Subtle Slope	B	30	Damp	Poor	White Spruce
1024581	30/06/2011	524360	7094642	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Subtle Slope	B	30	Damp	Poor	White Spruce
1032351	01/07/2011	522052	7092266	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Excellent	Black Spruce
1032352	01/07/2011	522070	7092315	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Subtle Slope	A	30	Wet	Poor	Black Spruce
1032353	01/07/2011	522087	7092355	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Excellent	Black Spruce
1032358	02/07/2011	525462	7088397	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Pronounced Slope	C	40	Damp	Good	Willows
1032359	02/07/2011	525464	7088447	UTMZ7N_NAD83	Needle Cover	Chocolate Brown	Clay	Pronounced Slope	B	20	Damp	Poor	Willows
1032360	02/07/2011	525468	7088499	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Pronounced Slope	C	30	Damp	Excellent	Willows
1032361	02/07/2011	525462	7088547	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	C	30	Damp	Poor	Willows
1032362	02/07/2011	525462	7088597	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	C	40	Damp	Good	Willows
1032363	02/07/2011	525465	7088646	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	C	40	Damp	Poor	Dwarf Birch
1032364	02/07/2011	525465	7088700	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	40	Damp	Good	Dwarf Birch
1032365	02/07/2011	525464	7088746	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	Willows
1032366	02/07/2011	525467	7088797	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	30	Damp	Poor	No Tree Cover
1032367	02/07/2011	525467	7088847	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Good	No Tree Cover
1032368	02/07/2011	525464	7088898	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	No Tree Cover
1032369	02/07/2011	525466	7088947	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Subtle Slope	A	30	Wet	Poor	No Tree Cover
1032370	02/07/2011	525466	7088998	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	40	Wet	Poor	No Tree Cover
1032371	02/07/2011	525473	7089051	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Poor	Dwarf Birch
1032372	02/07/2011	525467	7089099	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Poor	Dwarf Birch
1032373	02/07/2011	525467	7089147	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1032374	02/07/2011	525465	7089201	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Good	Black Spruce
1032375	02/07/2011	525460	7089247	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Subtle Slope	B	20	Damp	Poor	Black Spruce
1032376	02/07/2011	525460	7089299	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	20	Wet	Good	Dwarf Birch
1032377	02/07/2011	525465	7089347	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	20	Wet	Poor	Black Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1032378	02/07/2011	525463	7089501	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Subtle Slope	A	10	Wet	Poor	Black Spruce
1032379	02/07/2011	525472	7089551	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Subtle Slope	A	10	Wet	Poor	Black Spruce
1032380	02/07/2011	525462	7089599	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Subtle Slope	B	20	Wet	Poor	Old Burn
1032381	02/07/2011	525458	7089650	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	Old Burn
1032382	02/07/2011	525469	7089700	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Wet	Poor	Old Burn
1032383	02/07/2011	525463	7089750	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	Old Burn
1032385	02/07/2011	525461	7089803	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	Old Burn
1032386	02/07/2011	525461	7089848	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Clay	Subtle Slope	C	40	Damp	Excellent	Old Burn
1032387	02/07/2011	525467	7089898	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	Old Burn
1032751	02/07/2011	522282	7093686	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	50	Dry	Good	Black Spruce
1032752	02/07/2011	522365	7093740	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Wet	Good	Black Spruce
1032753	02/07/2011	522413	7093767	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	Black Spruce
1032754	02/07/2011	522447	7093799	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1032755	02/07/2011	522497	7093815	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	Black Spruce
1032762	02/07/2011	522325	7093717	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Black Spruce
1032965	30/06/2011	520972	7095106	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	30	Dry	Good	Willows
1032966	30/06/2011	521020	7095081	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Willows
1032967	30/06/2011	521062	7095063	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	60	Damp	Poor	Willows
1032969	30/06/2011	521148	7095018	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Yellow	Clay	Subtle Slope	B	80	Damp	Good	Willows
1032972	01/07/2011	521565	7090851	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	Black Spruce
1032973	01/07/2011	521590	7090907	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Wet	Good	Black Spruce
1032974	01/07/2011	521608	7090951	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Clay	Subtle Slope	C	60	Wet	Good	Black Spruce
1032975	01/07/2011	521621	7090996	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	Black Spruce
1032976	01/07/2011	521640	7091048	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Wet	Poor	Black Spruce
1032977	01/07/2011	521654	7091087	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Good	Black Spruce
1032978	01/07/2011	521669	7091135	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Wet	Good	Black Spruce
1032979	01/07/2011	521697	7091185	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	50	Wet	Good	Black Spruce
1032980	01/07/2011	521721	7091227	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Wet	Good	Black Spruce
1032981	01/07/2011	521743	7091272	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	20	Wet	Poor	Black Spruce
1032982	01/07/2011	521753	7091324	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	Black Spruce
1032983	01/07/2011	521773	7091366	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Wet	Poor	Black Spruce
1032984	01/07/2011	521794	7091414	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Good	Black Spruce
1032985	01/07/2011	521815	7091458	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	Black Spruce
1032986	01/07/2011	521833	7091506	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	Black Spruce
1032987	01/07/2011	521848	7091557	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	20	Wet	Poor	Black Spruce
1032988	01/07/2011	521870	7091602	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	Black Spruce
1032989	01/07/2011	521883	7091660	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Excellent	Black Spruce
1032990	01/07/2011	521902	7091712	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Wet	Good	Black Spruce
1032991	01/07/2011	521912	7091764	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	Black Spruce
1032992	01/07/2011	521929	7091824	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Poor	Black Spruce
1032993	01/07/2011	521940	7091876	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Subtle Slope	B	50	Wet	Poor	Black Spruce
1032994	01/07/2011	521953	7091925	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	C	60	Wet	Excellent	Black Spruce
1032995	01/07/2011	521972	7091968	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	C	60	Wet	Good	Black Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1032996	01/07/2011	521988	7092015	UTMZ7N_NAD83						0			
1032997	01/07/2011	522005	7092062	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	70	Wet	Poor	Black Spruce
1032998	01/07/2011	522015	7092117	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Subtle Slope	B	60	Wet	Poor	Black Spruce
1032999	01/07/2011	522025	7092162	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	50	Wet	Good	Black Spruce
1033000	01/07/2011	522040	7092211	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	Black Spruce
1034168	19/06/2011	520128	7083043	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Sand	Pronounced Slope	C	30	Damp	Excellent	Old Burn
1034169	19/06/2011	520162	7083007	UTMZ7N_NAD83	Grass Cover	Reddish Brown	Sand	Pronounced Slope	C	40	Damp	Excellent	Old Burn
1034170	19/06/2011	520198	7082972	UTMZ7N_NAD83	Grass Cover	Reddish Brown	Sand	Pronounced Slope	C	40	Damp	Excellent	Old Burn
1034171	19/06/2011	520235	7082934	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn
1034172	19/06/2011	520262	7082892	UTMZ7N_NAD83	Grass Cover	Reddish Brown	Sand	Subtle Slope	C	20	Damp	Good	Old Burn
1034173	19/06/2011	520281	7082845	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn
1034174	19/06/2011	520299	7082797	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1034175	19/06/2011	520324	7082753	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Pronounced Slope	C	30	Dry	Excellent	Old Burn
1034176	19/06/2011	520358	7082660	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn
1034177	19/06/2011	520378	7082613	UTMZ7N_NAD83	Bare Soil	Light Brown	Clay	Subtle Slope	C	40	Damp	Excellent	Old Burn
1034178	19/06/2011	520401	7082566	UTMZ7N_NAD83	Bare Soil	Light Brown	Clay	Subtle Slope	C	50	Damp	Excellent	Old Burn
1034179	19/06/2011	520421	7082518	UTMZ7N_NAD83	Bare Soil	Light Brown	Clay	Subtle Slope	C	50	Damp	Excellent	Old Burn
1034180	19/06/2011	520433	7082491	UTMZ7N_NAD83	Bare Soil	Light Brown	Clay	Subtle Slope	C	60	Damp	Excellent	Old Burn
1034184	19/06/2011	520339	7082706	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn
1034185	19/06/2011	519387	7083643	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Clay	Subtle Slope	C	50	Damp	Excellent	Old Burn
1034186	19/06/2011	519428	7083615	UTMZ7N_NAD83	Bare Soil	Light Grey	Silt	Flat	C	50	Dry	Excellent	Old Burn
1034187	19/06/2011	519471	7083588	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1034188	19/06/2011	519512	7083559	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1034189	19/06/2011	519554	7083530	UTMZ7N_NAD83	Bare Soil	Reddish Orange	Sand	Pronounced Slope	C	30	Dry	Good	Old Burn
1034190	19/06/2011	519596	7083503	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	Old Burn
1034191	19/06/2011	519639	7083475	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	30	Wet	Good	Old Burn
1034192	19/06/2011	519680	7083447	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Excellent	Old Burn
1034194	19/06/2011	519721	7083418	UTMZ7N_NAD83	Bare Soil	Light Grey	Silt	Pronounced Slope	C	20	Damp	Good	Old Burn
1034195	19/06/2011	519762	7083392	UTMZ7N_NAD83	Bare Soil	Light Brown	Sand	Pronounced Slope	C	50	Damp	Excellent	Old Burn
1034196	19/06/2011	519803	7083363	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Sand	Subtle Slope	C	20	Damp	Good	Old Burn
1034197	19/06/2011	519845	7083335	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Clay	Pronounced Slope	C	30	Damp	Good	Old Burn
1034198	19/06/2011	519881	7083301	UTMZ7N_NAD83	Bare Soil	Reddish Orange	Clay	Steep	C	30	Damp	Excellent	Old Burn
1034199	19/06/2011	519917	7083265	UTMZ7N_NAD83	Bare Soil	Reddish Orange	Clay	Pronounced Slope	C	30	Damp	Good	Old Burn
1034200	19/06/2011	519989	7083192	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1035574	01/07/2011	520340	7093835	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Flat	C	50	Dry	Excellent	White Spruce
1035576	01/07/2011	520364	7093791	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	30	Dry	Poor	White Spruce
1035577	01/07/2011	520397	7093750	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	White Spruce
1035578	01/07/2011	520423	7093710	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	Willows
1035579	01/07/2011	520474	7093689	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	White Spruce
1035580	01/07/2011	520529	7093674	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Willows
1035581	01/07/2011	520576	7093656	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Willows
1035582	01/07/2011	520634	7093632	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	White Spruce
1035583	01/07/2011	520685	7093612	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	White Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1035584	01/07/2011	520733	7093593	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	White Spruce
1035789	27/06/2011	532368	7089828	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Willows
1035790	27/06/2011	532414	7089810	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	Willows
1035791	27/06/2011	532460	7089791	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1035792	27/06/2011	532506	7089770	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	Black Spruce
1035793	27/06/2011	532552	7089750	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1035794	27/06/2011	532600	7089734	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1035795	27/06/2011	532644	7089710	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1035796	27/06/2011	532692	7089698	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1035797	27/06/2011	532739	7089678	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	B	40	Damp	Good	White Spruce
1035798	27/06/2011	532786	7089660	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Willows
1035799	27/06/2011	532830	7089638	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	White Spruce
1034827	21/06/2011	528653	7087317	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Steep	B	30	Dry	Poor	No Tree Cover
1034828	21/06/2011	528708	7087307	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Steep	B	10	Dry	Good	No Tree Cover
1034829	19/06/2011	526134	7081522	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Good	Poplar
1034830	19/06/2011	526247	7081942	UTMZ7N_NAD83	Leaf Cover	Dark Brown	Sand	Subtle Slope	C	40	Dry	Good	Birch Forest
1034831	19/06/2011	526417	7082601	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Poplar
1034832	19/06/2011	526223	7081855	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Excellent	Birch Forest
1034833	19/06/2011	526175	7081666	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Dry	Good	Poplar
1034834	19/06/2011	526170	7081614	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Sand	Subtle Slope	C	50	Dry	Good	Poplar
1034835	19/06/2011	526189	7081710	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Good	Birch Forest
1034836	19/06/2011	526197	7081758	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Birch Forest
1034837	19/06/2011	526213	7081806	UTMZ7N_NAD83	Leaf Cover	Grey	Sand	Subtle Slope	C	90	Dry	Excellent	Birch Forest
1034839	19/06/2011	526234	7081903	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Birch Forest
1034840	19/06/2011	526429	7082700	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Poplar
1034841	19/06/2011	526446	7082748	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Silt	Subtle Slope	C	50	Dry	Good	Poplar
1034842	19/06/2011	526452	7082796	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Dry	Good	Poplar
1034843	19/06/2011	526472	7082898	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Silt	Subtle Slope	C	30	Dry	Good	Poplar
1034844	19/06/2011	526463	7082844	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Dry	Good	Poplar
1034845	19/06/2011	526480	7082954	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Silt	Subtle Slope	C	40	Dry	Good	Poplar
1034846	19/06/2011	526486	7083007	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Poor	Poplar
1034847	19/06/2011	520022	7083153	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1034848	19/06/2011	519952	7083228	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Clay	Pronounced Slope	C	20	Damp	Good	Old Burn
1034849	19/06/2011	520057	7083116	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Poor	Old Burn
1034850	19/06/2011	520092	7083081	UTMZ7N_NAD83	Grass Cover	Reddish Brown	Clay	Subtle Slope	C	20	Damp	Excellent	Old Burn
1035158	22/06/2011	527459	7084262	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Flat	B	20	Dry	Good	No Tree Cover
1035159	22/06/2011	527413	7084245	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	20	Dry	Good	No Tree Cover
1035160	22/06/2011	527367	7084232	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Flat	B	20	Dry	Good	No Tree Cover
1035161	22/06/2011	527317	7084221	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Dry	Poor	No Tree Cover
1035162	22/06/2011	527271	7084196	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	20	Dry	Good	No Tree Cover
1035163	22/06/2011	527181	7084145	UTMZ7N_NAD83	Leaf Cover	Dark Brown	Silt	Subtle Slope	B	20	Dry	Good	No Tree Cover
1035164	22/06/2011	527127	7084155	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Flat	B	30	Dry	Good	No Tree Cover
1035165	22/06/2011	527081	7084133	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Flat	C	60	Dry	Good	White Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1035166	22/06/2011	527030	7084121	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Dry	Good	White Spruce
1035167	23/06/2011	530592	7082412	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Silt	Subtle Slope	C	40	Dry	Good	Poplar
1035168	23/06/2011	530597	7082352	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Birch Forest
1035169	23/06/2011	530593	7082297	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Flat	C	50	Dry	Good	Birch Forest
1035170	23/06/2011	530609	7082239	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Good	Poplar
1035171	23/06/2011	530585	7082186	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Flat	C	50	Dry	Good	Poplar
1035172	23/06/2011	530579	7082137	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Sand	Flat	C	40	Dry	Excellent	Poplar
1035173	23/06/2011	530573	7082085	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Sand	Flat	C	40	Dry	Excellent	Poplar
1035174	23/06/2011	530576	7082038	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Flat	C	50	Dry	Good	Birch Forest
1035175	23/06/2011	530586	7081988	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Good	Poplar
1035176	23/06/2011	530584	7081935	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Flat	C	30	Dry	Good	Poplar
1035177	22/06/2011	527230	7084167	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	C	30	Dry	Poor	No Tree Cover
1035178	23/06/2011	530586	7081885	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Poplar
1035179	23/06/2011	530601	7081834	UTMZ7N_NAD83	Leaf Cover	Grey	Sand	Subtle Slope	C	30	Dry	Good	Poplar
1035180	23/06/2011	530591	7081787	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Poplar
1035181	23/06/2011	530574	7081738	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Poor	Poplar
1035182	23/06/2011	530603	7081676	UTMZ7N_NAD83	Leaf Cover	Grey	Sand	Flat	C	30	Dry	Good	Poplar
1035183	23/06/2011	530603	7081627	UTMZ7N_NAD83	Grass Cover	Grey	Sand	Subtle Slope	C	50	Dry	Good	Poplar
1035184	23/06/2011	530584	7081577	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Silt	Subtle Slope	B	40	Dry	Good	Poplar
1035185	23/06/2011	530558	7081522	UTMZ7N_NAD83	Leaf Cover	Grey	Sand	Subtle Slope	C	50	Dry	Good	Poplar
1035186	23/06/2011	530557	7081463	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Silt	Subtle Slope	C	60	Dry	Poor	Birch Forest
1035187	23/06/2011	530530	7081412	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Flat	C	50	Dry	Good	Poplar
1035188	23/06/2011	530499	7081366	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Poplar
1035189	23/06/2011	530474	7081312	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Flat	C	50	Dry	Good	Poplar
1035190	23/06/2011	530457	7081268	UTMZ7N_NAD83	Leaf Cover	Grey	Sand	Flat	C	60	Dry	Good	Poplar
1035191	23/06/2011	530432	7081221	UTMZ7N_NAD83	Leaf Cover	Grey	Sand	Flat	C	50	Dry	Good	Poplar
1035192	23/06/2011	530424	7081172	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Flat	C	50	Dry	Good	Poplar
1035193	23/06/2011	530396	7081127	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Flat	O	50	Dry	Good	Poplar
1035194	23/06/2011	530381	7081082	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Flat	C	30	Dry	Good	Poplar
1035195	23/06/2011	530368	7081033	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Good	Poplar
1035196	23/06/2011	530347	7080988	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Silt	Subtle Slope	B	60	Damp	Good	Poplar
1035197	23/06/2011	530332	7080940	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Birch Forest
1035551	30/06/2011	523051	7094803	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	60	Damp	Good	Black Spruce
1035552	30/06/2011	523074	7094757	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Black Spruce
1035553	30/06/2011	523099	7094714	UTMZ7N_NAD83	Needle Cover	Reddish Yellow	Sand	Subtle Slope	C	60	Dry	Good	White Spruce
1035554	30/06/2011	523116	7094670	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Subtle Slope	B	30	Damp	Poor	Black Spruce
1035555	30/06/2011	523145	7094628	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	50	Dry	Good	Black Spruce
1035556	30/06/2011	523167	7094579	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Orange	Sand	Subtle Slope	C	60	Dry	Good	Black Spruce
1035557	30/06/2011	523195	7094543	UTMZ7N_NAD83	Thin Moss Cover	Grey	Silt	Flat	B	60	Damp	Good	Black Spruce
1035558	30/06/2011	523211	7094497	UTMZ7N_NAD83						0			
1035559	30/06/2011	523237	7094449	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Silt	Subtle Slope	C	50	Damp	Poor	Black Spruce
1035560	30/06/2011	523256	7094402	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Flat	C	70	Damp	Good	Black Spruce
1035561	30/06/2011	523288	7094368	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Subtle Slope	B	40	Damp	Poor	Black Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1035562	01/07/2011	520088	7094212	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Poor	White Spruce
1035563	01/07/2011	520116	7094168	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1035564	01/07/2011	520138	7094122	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	White Spruce
1035565	01/07/2011	520171	7094081	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Willows
1035566	30/06/2011	523304	7094318	UTMZ7N_NAD83	Bare Soil	Dark Brown	Silt	Subtle Slope	B	50	Damp	Good	Black Spruce
1035567	30/06/2011	523289	7094368	UTMZ7N_NAD83	Thin Moss Cover	Grey	Silt	Subtle Slope	C	100	Damp	Poor	Black Spruce
1035568	01/07/2011	520204	7094041	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	White Spruce
1035569	01/07/2011	520226	7093999	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Silt	Flat	B	30	Damp	Good	Willows
1035570	01/07/2011	520248	7093954	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Dry	Good	White Spruce
1035571	01/07/2011	520277	7093914	UTMZ7N_NAD83	Thin Moss Cover	Reddish Orange	Sand	Flat	C	30	Dry	Good	White Spruce
1035572	01/07/2011	520306	7093879	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Flat	C	50	Dry	Excellent	White Spruce
1035585	01/07/2011	520778	7093578	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	80	Dry	Good	White Spruce
1035586	01/07/2011	520830	7093559	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	60	Dry	Good	Willows
1035587	01/07/2011	520872	7093536	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	White Spruce
1035588	01/07/2011	520913	7093512	UTMZ7N_NAD83	Thin Moss Cover	Reddish Orange	Sand	Subtle Slope	C	50	Dry	Excellent	White Spruce
1035589	01/07/2011	520962	7093490	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	C	50	Dry	Good	White Spruce
1035590	01/07/2011	521007	7093467	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	White Spruce
1035592	01/07/2011	521057	7093465	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	White Spruce
1035593	02/07/2011	521918	7093462	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Flat	C	40	Damp	Poor	Black Spruce
1035594	02/07/2011	521964	7093492	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Flat	C	50	Dry	Good	Black Spruce
1035595	02/07/2011	522011	7093521	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Black Spruce
1035596	02/07/2011	522056	7093553	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	B	60	Damp	Good	Black Spruce
1035597	02/07/2011	522105	7093580	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	C	80	Damp	Good	Black Spruce
1035598	02/07/2011	522152	7093608	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Poor	Black Spruce
1035599	02/07/2011	522195	7093631	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	110	Dry	Good	Black Spruce
1035600	02/07/2011	522239	7093660	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	80	Wet	Good	Black Spruce
1035601	30/06/2011	521301	7094822	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	40	Dry	Good	Willows
1035602	30/06/2011	521330	7094781	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Flat	C	50	Dry	Good	Willows
1035603	30/06/2011	521369	7094750	UTMZ7N_NAD83	Thin Moss Cover	Reddish Orange	Sand	Subtle Slope	C	50	Dry	Good	Willows
1035604	30/06/2011	521407	7094713	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	50	Dry	Good	Willows
1035605	30/06/2011	521443	7094680	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1035606	30/06/2011	521482	7094649	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Good	Willows
1035607	30/06/2011	521519	7094613	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1035608	30/06/2011	521554	7094582	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Orange	Sand	Subtle Slope	C	50	Damp	Good	Willows
1035609	30/06/2011	521593	7094545	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	60	Damp	Good	Willows
1035610	30/06/2011	521634	7094518	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1035611	30/06/2011	521667	7094479	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Willows
1035612	30/06/2011	521704	7094447	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	80	Damp	Good	Willows
1035613	30/06/2011	521742	7094422	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1035614	30/06/2011	521794	7094409	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1035615	30/06/2011	521834	7094382	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1035616	30/06/2011	521881	7094367	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Poor	Willows
1035617	30/06/2011	521924	7094341	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Subtle Slope	C	80	Damp	Good	Willows

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1035618	30/06/2011	521968	7094321	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	70	Wet	Good	Willows
1035619	30/06/2011	522014	7094301	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Willows
1035620	30/06/2011	522055	7094274	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Willows
1035621	30/06/2011	522110	7094269	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	Willows
1035622	30/06/2011	522153	7094236	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	60	Wet	Good	Black Spruce
1035623	30/06/2011	522199	7094219	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Pronounced Slope	C	60	Damp	Good	Black Spruce
1035624	30/06/2011	522242	7094194	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Black Spruce
1035625	30/06/2011	522289	7094171	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Willows
1035626	30/06/2011	522335	7094150	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Pronounced Slope	C	70	Damp	Good	Black Spruce
1035627	30/06/2011	522385	7094139	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Good	Black Spruce
1035628	30/06/2011	522428	7094113	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	60	Wet	Good	Black Spruce
1035629	30/06/2011	523196	7094358	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Sand	Subtle Slope	C	60	Damp	Good	Black Spruce
1035630	30/06/2011	523179	7094332	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Pronounced Slope	C	50	Damp	Good	Black Spruce
1035631	30/06/2011	523128	7094309	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	B	50	Damp	Good	Black Spruce
1035632	30/06/2011	523090	7094277	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	70	Wet	Good	Black Spruce
1035633	30/06/2011	523052	7094256	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Good	Black Spruce
1035634	30/06/2011	523009	7094219	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Wet	Good	Black Spruce
1035635	30/06/2011	522934	7094156	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Pronounced Slope	B	40	Wet	Poor	Black Spruce
1035636	30/06/2011	522896	7094121	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1035637	30/06/2011	522854	7094096	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Blue Black	Clay	Pronounced Slope	B	40	Damp	Good	Black Spruce
1035638	30/06/2011	522817	7094054	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1035639	30/06/2011	522773	7094026	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Flat	C	60	Dry	Good	Black Spruce
1035640	30/06/2011	522734	7094003	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Flat	C	70	Damp	Good	Black Spruce
1035641	30/06/2011	522693	7093968	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Flat	C	60	Damp	Good	Black Spruce
1035642	30/06/2011	522654	7093937	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Flat	C	60	Damp	Good	Black Spruce
1035643	30/06/2011	522608	7093904	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Flat	C	50	Damp	Good	Black Spruce
1035644	30/06/2011	522572	7093880	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	50	Dry	Good	Black Spruce
1035645	30/06/2011	522532	7093853	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	80	Wet	Good	Black Spruce
1035646	01/07/2011	519917	7094466	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Good	White Spruce
1035647	01/07/2011	519957	7094423	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	White Spruce
1035648	01/07/2011	519983	7094377	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	C	60	Dry	Good	Willows
1035649	01/07/2011	520006	7094330	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Subtle Slope	C	70	Dry	Good	White Spruce
1035650	01/07/2011	520029	7094292	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Willows
1035651	26/06/2011	528571	7090717	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	30	Wet	Poor	Old Burn
1035652	26/06/2011	528612	7090746	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Good	Old Burn
1035653	26/06/2011	528642	7090780	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Poor	Old Burn
1035654	26/06/2011	528692	7090789	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Wet	Poor	Willows
1035655	26/06/2011	528784	7090817	UTMZ7N_NAD83	Grass Cover	Grey	Clay	Subtle Slope	B	30	Wet	Poor	Old Burn
1035656	26/06/2011	528832	7090840	UTMZ7N_NAD83	Burnt Moss	Grey	Clay	Subtle Slope	B	40	Wet	Good	Old Burn
1035658	26/06/2011	528875	7090868	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Clay	Subtle Slope	B	20	Wet	Poor	Old Burn
1035659	26/06/2011	528916	7090904	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1035660	26/06/2011	528969	7090918	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	Old Burn
1035666	26/06/2011	529018	7090940	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1035667	27/06/2011	533062	7090967	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Willows
1035668	27/06/2011	533010	7090976	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Willows
1035669	27/06/2011	532962	7090978	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1035670	27/06/2011	532912	7090989	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Excellent	Willows
1035671	27/06/2011	532860	7090993	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	20	Wet	Good	Willows
1035672	27/06/2011	532811	7091007	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Willows
1035673	27/06/2011	532760	7091009	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Good	Willows
1035674	27/06/2011	532712	7090992	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Willows
1035675	27/06/2011	532665	7090980	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Excellent	Willows
1035676	27/06/2011	532609	7090979	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Subtle Slope	C	50	Wet	Excellent	Willows
1035677	27/06/2011	532567	7090959	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Flat	B	50	Wet	Good	Willows
1035678	27/06/2011	532515	7090950	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	30	Wet	Good	Willows
1035679	27/06/2011	532466	7090942	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	40	Damp	Good	Willows
1035680	27/06/2011	532416	7090928	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Flat	B	40	Damp	Good	Willows
1035681	27/06/2011	532368	7090919	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	40	Wet	Good	Willows
1035682	27/06/2011	532316	7090900	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Flat	B	20	Damp	Poor	Willows
1035683	27/06/2011	532270	7090895	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Flat	C	40	Wet	Poor	Willows
1035684	27/06/2011	532217	7090885	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Flat	B	40	Wet	Good	Willows
1035685	27/06/2011	532174	7090866	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	40	Damp	Good	Willows
1035687	27/06/2011	532123	7090861	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	30	Wet	Good	Willows
1035688	27/06/2011	532073	7090854	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	40	Wet	Good	Willows
1035689	27/06/2011	532022	7090841	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	50	Wet	Good	Willows
1035690	27/06/2011	531978	7090828	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Flat	B	20	Damp	Poor	Willows
1035691	28/06/2011	523366	7089065	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	30	Wet	Good	No Tree Cover
1035692	28/06/2011	523353	7089114	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	20	Wet	Poor	Dwarf Birch
1035693	28/06/2011	523337	7089159	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Steep	B	30	Damp	Poor	No Tree Cover
1035694	28/06/2011	523321	7089213	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Steep	B	30	Damp	Good	Dwarf Birch
1035695	28/06/2011	523322	7089264	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Steep	B	30	Damp	Poor	No Tree Cover
1035696	28/06/2011	523310	7089310	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Clay	Flat	B	30	Wet	Good	No Tree Cover
1035697	28/06/2011	523286	7089358	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	30	Wet	Poor	Dwarf Birch
1035698	28/06/2011	523279	7089407	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	20	Wet	Good	Dwarf Birch
1035699	28/06/2011	523270	7089458	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Poor	Dwarf Birch
1035700	28/06/2011	523239	7089550	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Wet	Good	Dwarf Birch
1035701	25/06/2011	529789	7088662	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Subtle Slope	B	30	Wet	Poor	No Tree Cover
1035702	25/06/2011	529821	7088700	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Subtle Slope	B	30	Wet	Poor	No Tree Cover
1035703	25/06/2011	529893	7088770	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Subtle Slope	B	40	Wet	Poor	No Tree Cover
1035704	25/06/2011	529926	7088811	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Poor	No Tree Cover
1035705	25/06/2011	529958	7088853	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Good	No Tree Cover
1035706	25/06/2011	529989	7088895	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Poor	No Tree Cover
1035707	25/06/2011	530022	7088936	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Clay	Subtle Slope	B	20	Wet	Good	Old Burn
1035708	25/06/2011	529757	7088620	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Good	No Tree Cover
1035709	25/06/2011	530052	7088976	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Subtle Slope	B	20	Wet	Good	Old Burn
1035710	25/06/2011	530084	7089014	UTMZ7N_NAD83	Thin Moss Cover	Grey	Clay	Subtle Slope	B	20	Wet	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1035711	25/06/2011	530120	7089056	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Clay	Subtle Slope	C	40	Wet	Excellent	Old Burn
1035712	25/06/2011	530156	7089105	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Clay	Subtle Slope	C	40	Damp	Good	Old Burn
1035713	25/06/2011	530182	7089142	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Wet	Excellent	Old Burn
1035714	25/06/2011	530213	7089183	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Subtle Slope	C	30	Damp	Excellent	Old Burn
1035715	25/06/2011	530243	7089221	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Excellent	Old Burn
1035716	25/06/2011	530274	7089267	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Silt	Subtle Slope	C	10	Dry	Good	No Tree Cover
1035717	25/06/2011	530300	7089305	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Silt	Subtle Slope	C	10	Dry	Good	No Tree Cover
1035718	25/06/2011	530337	7089340	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Clay	Subtle Slope	C	30	Dry	Excellent	Old Burn
1035719	25/06/2011	530370	7089383	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	B	10	Damp	Good	Old Burn
1035720	25/06/2011	530399	7089421	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	C	20	Damp	Good	Old Burn
1035721	25/06/2011	530427	7089462	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Silt	Subtle Slope	C	30	Damp	Excellent	Old Burn
1035722	25/06/2011	530456	7089502	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Excellent	Old Burn
1035723	25/06/2011	530486	7089543	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	C	20	Dry	Good	Old Burn
1035725	25/06/2011	530525	7089577	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Silt	Subtle Slope	C	20	Dry	Good	Old Burn
1035726	25/06/2011	530556	7089619	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	C	20	Wet	Good	Old Burn
1035727	25/06/2011	530586	7089656	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Silt	Subtle Slope	C	20	Dry	Good	Old Burn
1035728	25/06/2011	530615	7089695	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Silt	Subtle Slope	C	20	Dry	Good	Old Burn
1035729	25/06/2011	530640	7089739	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Sand	Subtle Slope	C	50	Damp	Excellent	Old Burn
1035730	25/06/2011	530667	7089781	UTMZ7N_NAD83	Leaf Cover	Dark Brown	Clay	Subtle Slope	B	40	Wet	Good	Old Burn
1035731	25/06/2011	530706	7089826	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Excellent	Old Burn
1035732	26/06/2011	528229	7089820	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	C	30	Wet	Good	Old Burn
1035733	26/06/2011	528262	7089857	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	C	30	Wet	Excellent	Old Burn
1035734	26/06/2011	528299	7089892	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Clay	Subtle Slope	C	50	Wet	Excellent	Old Burn
1035735	26/06/2011	528316	7089942	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Clay	Flat	C	50	Wet	Excellent	Old Burn
1035736	26/06/2011	528349	7089984	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Clay	Flat	C	40	Damp	Excellent	Old Burn
1035737	26/06/2011	528389	7090020	UTMZ7N_NAD83	Burnt Moss	Grey	Clay	Flat	B	30	Damp	Good	Old Burn
1035738	26/06/2011	528393	7090073	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Clay	Flat	C	50	Damp	Excellent	Old Burn
1035739	26/06/2011	528404	7090125	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Flat	B	30	Damp	Good	Old Burn
1035740	26/06/2011	528412	7090177	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	C	30	Damp	Excellent	Old Burn
1035741	26/06/2011	528427	7090225	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	C	30	Damp	Good	Old Burn
1035742	26/06/2011	528441	7090277	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Flat	B	30	Damp	Good	Old Burn
1035743	26/06/2011	528449	7090331	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Flat	C	30	Damp	Good	Old Burn
1035744	26/06/2011	528463	7090382	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Flat	C	30	Damp	Good	Old Burn
1035745	26/06/2011	528478	7090432	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Flat	C	40	Damp	Excellent	Old Burn
1035746	26/06/2011	528469	7090485	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1035747	26/06/2011	528476	7090537	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn
1035748	26/06/2011	528497	7090585	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Silt	Subtle Slope	B	30	Dry	Good	Old Burn
1035749	26/06/2011	528514	7090633	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Excellent	Old Burn
1035750	26/06/2011	528528	7090679	UTMZ7N_NAD83	Burnt Moss	Yellow	Sand	Subtle Slope	C	50	Wet	Good	Old Burn
1035751	25/06/2011	529312	7089319	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	20	Damp	Good	Willows
1035752	25/06/2011	529325	7089367	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Wet	Good	Willows
1035753	25/06/2011	529335	7089416	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	No Tree Cover
1035754	25/06/2011	529345	7089466	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1035755	25/06/2011	529358	7089515	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	90	Damp	Good	Old Burn
1035756	25/06/2011	529370	7089563	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1035757	25/06/2011	529382	7089611	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1035758	25/06/2011	529393	7089662	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1035759	25/06/2011	529406	7089709	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1035760	25/06/2011	529418	7089757	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Old Burn
1035761	25/06/2011	529427	7089807	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1035762	25/06/2011	529441	7089855	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1035763	25/06/2011	529453	7089903	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1035765	25/06/2011	529461	7089952	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	Old Burn
1035766	25/06/2011	529474	7090002	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	Old Burn
1035768	25/06/2011	529496	7090047	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1035769	27/06/2011	531970	7090686	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	Willows
1035770	27/06/2011	531978	7090637	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Good	Willows
1035771	27/06/2011	531984	7090588	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Willows
1035772	27/06/2011	531991	7090539	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Willows
1035773	27/06/2011	532002	7090489	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Willows
1035774	27/06/2011	532004	7090440	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1035775	27/06/2011	532011	7090390	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	White Spruce
1035776	27/06/2011	532021	7090341	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	White Spruce
1035777	27/06/2011	532028	7090292	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Willows
1035778	27/06/2011	532045	7090258	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Willows
1035779	27/06/2011	532070	7090212	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Willows
1035780	27/06/2011	532100	7090171	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Willows
1035781	27/06/2011	532124	7090129	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	White Spruce
1035782	27/06/2011	532148	7090087	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1035783	27/06/2011	532175	7090044	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Willows
1035784	27/06/2011	532199	7089998	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	White Spruce
1035785	27/06/2011	532227	7089957	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	White Spruce
1035786	27/06/2011	532251	7089914	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1035787	27/06/2011	532275	7089871	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	White Spruce
1035788	27/06/2011	532323	7089848	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Willows
1036451	22/06/2011	525157	7084387	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Pronounced Slope	B	50	Damp	Good	Birch Forest
1036452	22/06/2011	525145	7084336	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Pronounced Slope	B	40	Damp	Good	Birch Forest
1036453	22/06/2011	525140	7084285	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	B	60	Damp	Good	Poplar
1036454	22/06/2011	525151	7084236	UTMZ7N_NAD83	Leaf Cover	Grey	Sand	Pronounced Slope	B	40	Damp	Good	Poplar
1036455	22/06/2011	525164	7084186	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Steep	B	50	Damp	Good	Birch Forest
1036456	22/06/2011	525179	7084137	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Steep	B	40	Dry	Poor	Poplar
1036457	22/06/2011	525193	7084087	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Steep	B	40	Damp	Good	Poplar
1036458	22/06/2011	525203	7084037	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	B	70	Damp	Good	Birch Forest
1036459	23/06/2011	530338	7083992	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	A	20	Damp	Poor	No Tree Cover
1036460	23/06/2011	530337	7083942	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	B	50	Damp	Good	No Tree Cover
1036461	23/06/2011	530347	7083892	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	A	20	Damp	Poor	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1036462	23/06/2011	530350	7083842	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	No Tree Cover
1036463	23/06/2011	530356	7083792	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Willows
1036464	23/06/2011	530360	7083741	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1036467	23/06/2011	530366	7083642	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	Willows
1036468	23/06/2011	530361	7083692	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1036469	23/06/2011	530364	7083590	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	Willows
1036470	23/06/2011	530373	7083540	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1037633	23/06/2011	530314	7080899	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Sand	Subtle Slope	C	70	Dry	Good	Birch Forest
1037635	24/06/2011	529083	7079733	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Flat	C	60	Dry	Good	White Spruce
1037946	21/06/2011	529205	7086775	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	A	30	Damp	Poor	No Tree Cover
1037947	21/06/2011	529255	7086764	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Steep	B	30	Wet	Good	No Tree Cover
1037948	21/06/2011	529105	7086785	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Steep	A	40	Dry	Poor	No Tree Cover
1037949	21/06/2011	529054	7086788	UTMZ7N_NAD83	Grass Cover	Dark Brown	Clay	Steep	A	40	Damp	Poor	No Tree Cover
1038751	21/06/2011	528772	7087312	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Steep	C	70	Dry	Good	No Tree Cover
1038752	21/06/2011	528821	7087303	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	No Tree Cover
1038753	21/06/2011	528935	7087307	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Steep	C	40	Dry	Good	No Tree Cover
1038754	21/06/2011	528984	7087293	UTMZ7N_NAD83	Thin Moss Cover	Grey	Silt	Pronounced Slope	C	50	Dry	Good	No Tree Cover
1038755	21/06/2011	529038	7087273	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	60	Dry	Good	No Tree Cover
1038756	21/06/2011	529091	7087255	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Pronounced Slope	C	40	Dry	Good	No Tree Cover
1038757	21/06/2011	529142	7087266	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	No Tree Cover
1038758	21/06/2011	529192	7087268	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	30	Dry	Good	No Tree Cover
1038759	21/06/2011	529242	7087263	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1038760	21/06/2011	529294	7087269	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Pronounced Slope	C	30	Damp	Good	No Tree Cover
1038761	21/06/2011	529343	7087259	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Pronounced Slope	B	20	Damp	Good	No Tree Cover
1038762	21/06/2011	529393	7087261	UTMZ7N_NAD83	Thin Moss Cover	Grey	Silt	Pronounced Slope	C	30	Dry	Good	No Tree Cover
1038763	21/06/2011	529441	7087249	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Dry	Good	No Tree Cover
1038764	21/06/2011	529494	7087247	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Subtle Slope	B	40	Damp	Poor	No Tree Cover
1038765	21/06/2011	529546	7087242	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	No Tree Cover
1038766	21/06/2011	529595	7087244	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Subtle Slope	B	20	Damp	Poor	No Tree Cover
1038767	21/06/2011	529641	7087241	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Silt	Subtle Slope	B	30	Dry	Good	No Tree Cover
1038768	21/06/2011	529694	7087222	UTMZ7N_NAD83	Grass Cover	Grey	Silt	Subtle Slope	C	40	Dry	Good	Pine
1038769	21/06/2011	529740	7087222	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	40	Dry	Good	Pine
1038770	21/06/2011	529793	7087230	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Pine
1038771	21/06/2011	529840	7087220	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Poor	White Spruce
1038772	21/06/2011	529889	7087219	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Subtle Slope	B	30	Damp	Good	White Spruce
1038773	21/06/2011	529990	7087205	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	B	30	Dry	Good	Black Spruce
1038774	21/06/2011	530043	7087199	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Grey	Silt	Subtle Slope	B	30	Damp	Good	Black Spruce
1038775	21/06/2011	530142	7087192	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Poor	Black Spruce
1038776	22/06/2011	528327	7084902	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Flat	C	40	Dry	Good	No Tree Cover
1038777	22/06/2011	528280	7084872	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	C	60	Dry	Good	No Tree Cover
1038779	22/06/2011	528237	7084845	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Pronounced Slope	B	40	Dry	Good	No Tree Cover
1038780	22/06/2011	528194	7084820	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Pronounced Slope	B	20	Dry	Good	No Tree Cover
1038781	22/06/2011	528158	7084780	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Dry	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1038782	22/06/2011	528106	7084766	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	C	50	Dry	Poor	No Tree Cover
1038783	21/06/2011	528875	7087306	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Pronounced Slope	B	50	Damp	Poor	No Tree Cover
1038784	22/06/2011	528062	7084737	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Flat	B	20	Damp	Poor	No Tree Cover
1038785	22/06/2011	528022	7084709	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Flat	B	20	Dry	Good	No Tree Cover
1038787	22/06/2011	527948	7084625	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Dry	Good	No Tree Cover
1038789	22/06/2011	527908	7084595	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Flat	C	50	Dry	Good	No Tree Cover
1038790	22/06/2011	527873	7084562	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Pronounced Slope	B	40	Dry	Good	No Tree Cover
1038791	22/06/2011	527831	7084526	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Flat	B	20	Dry	Poor	No Tree Cover
1038792	22/06/2011	527802	7084488	UTMZ7N_NAD83	Thin Moss Cover	Grey	Clay	Flat	B	30	Damp	Good	No Tree Cover
1038793	22/06/2011	527759	7084460	UTMZ7N_NAD83	Grass Cover	Grey	Silt	Flat	C	50	Dry	Good	No Tree Cover
1038794	22/06/2011	527720	7084426	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1038796	22/06/2011	527686	7084383	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	40	Dry	Good	No Tree Cover
1038797	22/06/2011	527646	7084353	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	40	Dry	Good	No Tree Cover
1038798	22/06/2011	527602	7084320	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	20	Dry	Good	No Tree Cover
1038799	22/06/2011	527549	7084308	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Flat	B	40	Dry	Good	No Tree Cover
1038800	22/06/2011	527506	7084285	UTMZ7N_NAD83	Thin Moss Cover	Grey	Clay	Flat	C	40	Dry	Good	No Tree Cover
1039877	24/06/2011	529567	7078148	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Poplar
1039878	24/06/2011	529588	7078102	UTMZ7N_NAD83	Bare Soil	Light Grey	Sand	Subtle Slope	C	40	Dry	Good	Birch Forest
1039879	24/06/2011	529614	7078060	UTMZ7N_NAD83	Bare Soil	Grey	Sand	Subtle Slope	C	50	Dry	Good	Black Spruce
1039880	24/06/2011	529628	7078013	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	Black Spruce
1039881	24/06/2011	529647	7077966	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Good	Old Burn
1039883	24/06/2011	529670	7077929	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Old Burn
1039884	25/06/2011	530732	7089857	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Old Burn
1039901	21/06/2011	528277	7086476	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1039902	21/06/2011	528330	7086478	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	10	Damp	Good	No Tree Cover
1039751	21/06/2011	528465	7087263	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1039752	21/06/2011	528441	7087327	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Pale Greenish	Sand	Flat	C	50	Wet	Excellent	No Tree Cover
1039753	21/06/2011	528422	7087375	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1039754	21/06/2011	528414	7087424	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1039755	21/06/2011	528508	7087530	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Steep	B	30	Damp	Good	No Tree Cover
1039756	21/06/2011	528536	7087587	UTMZ7N_NAD83	Thin Moss Cover	Dark Blue Black	Sand	Steep	B	40	Damp	Good	No Tree Cover
1039757	21/06/2011	528560	7087649	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1039758	21/06/2011	528589	7087694	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1039759	21/06/2011	528620	7087733	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1039760	21/06/2011	528654	7087773	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Blue Black	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1039761	21/06/2011	528689	7087822	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1039762	21/06/2011	528719	7087871	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Blue Black	Sand	Flat	B	30	Damp	Good	No Tree Cover
1039764	21/06/2011	528795	7086939	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	B	10	Damp	Good	No Tree Cover
1039765	21/06/2011	528997	7086995	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	B	20	Damp	Good	No Tree Cover
1039766	21/06/2011	528948	7086982	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	B	10	Damp	Poor	No Tree Cover
1039767	21/06/2011	528899	7086975	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	B	10	Damp	Poor	No Tree Cover
1039768	21/06/2011	528854	7086952	UTMZ7N_NAD83	Thin Moss Cover	Dark Blue Black	Sand	Steep	B	10	Damp	Poor	No Tree Cover
1039769	21/06/2011	528744	7086929	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1039770	21/06/2011	528699	7086966	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	B	20	Damp	Good	No Tree Cover
1039771	21/06/2011	528648	7086985	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1039772	21/06/2011	528622	7087027	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1039773	21/06/2011	528568	7087061	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1039774	21/06/2011	528747	7087918	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Greyish Green	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1039775	21/06/2011	528758	7087978	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Steep	B	20	Damp	Good	No Tree Cover
1039776	23/06/2011	528602	7082254	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1039777	23/06/2011	528650	7082298	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Willows
1039779	23/06/2011	528677	7082336	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Poplar
1039780	23/06/2011	528717	7082364	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Willows
1039782	23/06/2011	528762	7082390	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1039783	23/06/2011	528792	7082429	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Flat	C	40	Damp	Good	Willows
1039785	24/06/2011	528973	7079627	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Dry	Good	White Spruce
1039786	24/06/2011	528942	7079588	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Dry	Good	White Spruce
1039787	24/06/2011	528908	7079553	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Dry	Good	White Spruce
1039788	24/06/2011	528840	7079478	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Birch Forest
1039789	24/06/2011	528871	7079521	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	White Spruce
1039790	25/06/2011	530769	7089893	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1039791	25/06/2011	531116	7090254	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1039792	25/06/2011	531083	7090214	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1039793	25/06/2011	531045	7090183	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Old Burn
1039794	25/06/2011	531009	7090148	UTMZ7N_NAD83	Bare Soil	Dark Blue Black	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1039795	25/06/2011	530980	7090107	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1039796	25/06/2011	530939	7090078	UTMZ7N_NAD83	Bare Soil	Greyish Green	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1039797	25/06/2011	530903	7090041	UTMZ7N_NAD83	Burnt Moss	Bluish Grey	Sand	Subtle Slope	C	50	Damp	Excellent	Old Burn
1039798	25/06/2011	530871	7090002	UTMZ7N_NAD83	Bare Soil	Greyish Green	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1039799	25/06/2011	530838	7089965	UTMZ7N_NAD83	Burnt Moss	Grey	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1039800	25/06/2011	530805	7089927	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1039801	22/06/2011	527764	7084524	UTMZ7N_NAD83	Grass Cover	Dark Blue Black	Sand	Flat	B	40	Damp	Good	No Tree Cover
1039802	22/06/2011	527726	7084558	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Flat	B	50	Damp	Good	No Tree Cover
1039803	22/06/2011	527693	7084595	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1039804	22/06/2011	527653	7084628	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1039805	22/06/2011	527617	7084663	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Pronounced Slope	C	50	Damp	Good	Dwarf Birch
1039806	22/06/2011	527582	7084700	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1039807	22/06/2011	527537	7084750	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	No Tree Cover
1039808	22/06/2011	527499	7084784	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Blue Black	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1039809	22/06/2011	527460	7084817	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1039810	22/06/2011	527423	7084851	UTMZ7N_NAD83	Grass Cover	Dark Blue Black	Sand	Pronounced Slope	B	60	Damp	Good	No Tree Cover
1039811	22/06/2011	527389	7084888	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1039812	22/06/2011	527352	7084923	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Pronounced Slope	C	40	Damp	Good	White Spruce
1039813	22/06/2011	527315	7084959	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	White Spruce
1039814	22/06/2011	527282	7084997	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	White Spruce
1039815	22/06/2011	527241	7085026	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Wet	Good	White Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1039816	22/06/2011	527211	7085068	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Flat	C	50	Wet	Excellent	White Spruce
1039817	22/06/2011	527183	7085111	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	30	Damp	Good	White Spruce
1039818	22/06/2011	527200	7085159	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1039819	22/06/2011	527214	7085210	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Pronounced Slope	B	30	Damp	Poor	Poplar
1039820	22/06/2011	527222	7085271	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Sand	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1039821	22/06/2011	527225	7085321	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1039823	22/06/2011	527179	7085346	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Poplar
1039824	22/06/2011	527124	7085353	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Pronounced Slope	C	50	Damp	Good	Dwarf Birch
1039825	22/06/2011	527071	7085364	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	White Spruce
1039826	22/06/2011	527022	7085377	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	White Spruce
1039827	23/06/2011	527688	7081402	UTMZ7N_NAD83	Bare Soil	Light Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Willows
1039828	23/06/2011	527707	7081451	UTMZ7N_NAD83	Leaf Cover	Light Brown	Sand	Flat	C	40	Damp	Excellent	Willows
1039829	23/06/2011	527735	7081497	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Sand	Flat	C	40	Dry	Excellent	Black Spruce
1039830	23/06/2011	527767	7081536	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Excellent	Black Spruce
1039831	23/06/2011	527796	7081579	UTMZ7N_NAD83	Grass Cover	Grey	Clay	Subtle Slope	C	70	Damp	Excellent	Black Spruce
1039832	23/06/2011	527809	7081627	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Poplar
1039833	23/06/2011	527843	7081667	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Black Spruce
1039834	23/06/2011	527870	7081719	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1039835	23/06/2011	527931	7081746	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	50	Dry	Good	Willows
1039836	23/06/2011	527974	7081774	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Willows
1039837	23/06/2011	528024	7081801	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1039838	23/06/2011	528061	7081835	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Willows
1039839	23/06/2011	528109	7081855	UTMZ7N_NAD83	Grass Cover	Dark Olivine Green	Sand	Subtle Slope	C	50	Damp	Good	Willows
1039840	23/06/2011	528154	7081885	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Willows
1039841	23/06/2011	528201	7081908	UTMZ7N_NAD83	Thin Moss Cover	Dark Olivine Green	Sand	Subtle Slope	C	50	Damp	Good	Willows
1039842	23/06/2011	528256	7081930	UTMZ7N_NAD83	Bare Soil	Light Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1039843	23/06/2011	528296	7081966	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	B	40	Dry	Good	Willows
1039844	23/06/2011	528351	7081986	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1039845	23/06/2011	528395	7082019	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1039846	23/06/2011	528430	7082056	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Willows
1039847	23/06/2011	528459	7082093	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Willows
1039848	23/06/2011	528494	7082134	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1039849	23/06/2011	528538	7082166	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Willows
1039850	23/06/2011	528572	7082205	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1039851	24/06/2011	528803	7079170	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Pronounced Slope	C	50	Dry	Excellent	Dwarf Birch
1039852	24/06/2011	528818	7079123	UTMZ7N_NAD83	Thin Moss Cover	Greyish Green	Sand	Subtle Slope	C	50	Damp	Excellent	Old Burn
1039853	24/06/2011	528839	7079077	UTMZ7N_NAD83	Grass Cover	Reddish Brown	Sand	Subtle Slope	C	40	Damp	Good	Poplar
1039854	24/06/2011	528863	7079033	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Subtle Slope	C	70	Damp	Excellent	Poplar
1039855	24/06/2011	528884	7078988	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1039856	24/06/2011	528913	7078947	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	50	Damp	Good	Pine
1039857	24/06/2011	529495	7078219	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Pine
1039858	24/06/2011	528930	7078900	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	White Spruce
1039859	24/06/2011	528963	7078863	UTMZ7N_NAD83	Leaf Cover	Light Brown	Sand	Subtle Slope	C	40	Damp	Good	White Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1039860	24/06/2011	528984	7078819	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	90	Wet	Good	White Spruce
1039861	24/06/2011	528999	7078772	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	White Spruce
1039862	24/06/2011	529027	7078731	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Black Spruce
1039863	24/06/2011	529070	7078707	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Black Spruce
1039864	24/06/2011	529099	7078666	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Damp	Good	Pine
1039865	24/06/2011	529132	7078627	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Poplar
1039866	24/06/2011	529163	7078587	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Pronounced Slope	C	50	Damp	Good	Poplar
1039867	24/06/2011	529184	7078540	UTMZ7N_NAD83	Leaf Cover	Greyish Green	Sand	Subtle Slope	C	60	Damp	Excellent	Poplar
1039868	24/06/2011	529216	7078500	UTMZ7N_NAD83	Leaf Cover	Dark Olivine Green	Sand	Subtle Slope	C	50	Damp	Good	Poplar
1039869	24/06/2011	529252	7078466	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Poplar
1039870	24/06/2011	529280	7078425	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Excellent	Poplar
1039871	24/06/2011	529310	7078383	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Poplar
1039872	24/06/2011	529344	7078346	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Poplar
1039873	24/06/2011	529378	7078310	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Pine
1039874	24/06/2011	529411	7078274	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Poplar
1039875	24/06/2011	529456	7078246	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1039876	24/06/2011	529531	7078184	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Poplar
1039903	21/06/2011	528381	7086468	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1039904	21/06/2011	528431	7086460	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	20	Damp	Poor	No Tree Cover
1039905	21/06/2011	528481	7086462	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	20	Damp	Good	No Tree Cover
1039906	21/06/2011	528538	7086455	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1039907	21/06/2011	528583	7086454	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	20	Damp	Good	No Tree Cover
1039908	21/06/2011	528634	7086451	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Poor	No Tree Cover
1039909	21/06/2011	528685	7086447	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1039910	21/06/2011	528734	7086444	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	20	Damp	Poor	Black Spruce
1039911	21/06/2011	528783	7086438	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1039912	21/06/2011	528834	7086436	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	Black Spruce
1039913	21/06/2011	528884	7086434	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	20	Damp	Poor	Willows
1039914	21/06/2011	528933	7086430	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	Subalpine Fir
1039915	21/06/2011	528984	7086428	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	Subalpine Fir
1039916	21/06/2011	529035	7086422	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	B	20	Damp	Poor	Willows
1039917	21/06/2011	529084	7086420	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	B	20	Damp	Poor	Willows
1039918	21/06/2011	529136	7086416	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Poor	Willows
1039919	21/06/2011	529186	7086410	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Poor	Willows
1039920	21/06/2011	529235	7086406	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Poor	Willows
1039921	21/06/2011	529286	7086401	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Willows
1039922	21/06/2011	529341	7086400	UTMZ7N_NAD83	Leaf Cover	Dark Grey Black	Clay	Subtle Slope	B	60	Damp	Good	Willows
1039923	21/06/2011	529392	7086394	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Grey Black	Clay	Subtle Slope	B	40	Damp	Good	Black Spruce
1039924	21/06/2011	529443	7086394	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Grey Black	Clay	Subtle Slope	B	60	Wet	Good	Subalpine Fir
1039925	21/06/2011	529492	7086394	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Subalpine Fir
1039926	21/06/2011	529542	7086384	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Subalpine Fir
1039927	21/06/2011	529592	7086381	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Subalpine Fir
1039928	21/06/2011	529642	7086379	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Subalpine Fir

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1039929	21/06/2011	529692	7086376	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Subalpine Fir
1039930	21/06/2011	529741	7086370	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Subalpine Fir
1039931	21/06/2011	529790	7086368	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Subalpine Fir
1039932	21/06/2011	530222	7086705	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Poor	Willows
1039933	23/06/2011	529332	7081692	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Reddish Brown	Sand	Subtle Slope	B	30	Damp	Good	Poplar
1039934	23/06/2011	529313	7081645	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Flat	C	50	Damp	Good	Poplar
1042531	19/06/2011	527824	7082809	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Pronounced Slope	B	40	Damp	Good	Black Spruce
1042532	21/06/2011	528458	7085776	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Silt	Pronounced Slope	B	40	Wet	Good	Dwarf Birch
1042533	21/06/2011	528651	7085746	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Grey	Silt	Pronounced Slope	B	70	Damp	Good	Dwarf Birch
1042534	21/06/2011	528695	7085727	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Grey	Silt	Steep	B	60	Damp	Good	Dwarf Birch
1042535	21/06/2011	528253	7085803	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	Dwarf Birch
1042536	21/06/2011	528555	7085753	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Silt	Pronounced Slope	B	60	Wet	Poor	Dwarf Birch
1042537	21/06/2011	528508	7085771	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	B	50	Damp	Good	Dwarf Birch
1042538	23/06/2011	529247	7083319	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1042539	21/06/2011	528305	7085812	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Excellent	Dwarf Birch
1042540	21/06/2011	528351	7085789	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Silt	Pronounced Slope	B	40	Wet	Good	Dwarf Birch
1042541	23/06/2011	529166	7083136	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1042542	21/06/2011	529678	7085577	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Steep	B	30	Damp	Good	Dwarf Birch
1042543	21/06/2011	528744	7085688	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Steep	B	50	Damp	Good	Dwarf Birch
1042544	23/06/2011	529195	7083228	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Black Spruce
1042545	23/06/2011	529184	7083182	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	B	30	Damp	Good	Willows
1042546	21/06/2011	528406	7085781	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Pronounced Slope	C	80	Dry	Excellent	Dwarf Birch
1042547	21/06/2011	529832	7085604	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Silt	Steep	B	20	Damp	Good	Dwarf Birch
1042548	23/06/2011	529137	7083094	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Bluish Grey	Sand	Subtle Slope	C	50	Damp	Excellent	Dwarf Birch
1042549	21/06/2011	529731	7085576	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Grey	Sand	Steep	B	20	Wet	Good	Dwarf Birch
1042550	23/06/2011	529226	7083268	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Dwarf Birch
1042833	19/06/2011	526380	7083468	UTMZ7N_NAD83	Grass Cover	Dark Brown	Clay	Subtle Slope	B	40	Damp	Good	Poplar
1042834	19/06/2011	526416	7083503	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Poor	White Spruce
1042835	19/06/2011	526345	7083431	UTMZ7N_NAD83	Grass Cover	Dark Grey Black	Clay	Subtle Slope	B	50	Damp	Good	Dwarf Birch
1042836	19/06/2011	526305	7083398	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	C	70	Damp	Good	Old Burn
1042837	19/06/2011	526275	7083361	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Willows
1042838	19/06/2011	526239	7083325	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Black Spruce
1042839	19/06/2011	526207	7083285	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Black Spruce
1042840	19/06/2011	526172	7083251	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	Black Spruce
1042841	19/06/2011	526134	7083217	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Black Spruce
1042842	19/06/2011	526102	7083180	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Poplar
1042843	19/06/2011	526064	7083146	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	Poplar
1042844	19/06/2011	526031	7083110	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Poplar
1042845	19/06/2011	525997	7083071	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1042846	19/06/2011	525962	7083037	UTMZ7N_NAD83	Leaf Cover	Dark Grey Black	Sand	Subtle Slope	B	30	Damp	Poor	Dwarf Birch
1042847	19/06/2011	525927	7083000	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Subtle Slope	B	30	Damp	Good	Black Spruce
1042848	19/06/2011	525890	7082967	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Birch Forest
1042849	19/06/2011	525857	7082928	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Dwarf Birch

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1042850	19/06/2011	525818	7082897	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1042851	24/06/2011	529042	7079702	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Dry	Good	White Spruce
1042852	24/06/2011	529011	7079663	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Good	Birch Forest
1042863	26/06/2011	527252	7090368	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1042864	26/06/2011	527270	7090324	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	Old Burn
1042867	26/06/2011	527241	7090414	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1042869	26/06/2011	527126	7090749	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Reddish Brown	Clay	Subtle Slope	B	30	Wet	Good	Black Spruce
1042870	26/06/2011	527142	7090702	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	B	70	Damp	Good	Old Burn
1043974	19/06/2011	527775	7084088	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1043975	19/06/2011	527796	7084020	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1043976	19/06/2011	527807	7083977	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1043977	19/06/2011	527827	7083920	UTMZ7N_NAD83	Bare Soil	Light Brown	Sand	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1043978	19/06/2011	527792	7083327	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1043979	19/06/2011	527795	7083267	UTMZ7N_NAD83	Thin Moss Cover	Greyish Green	Sand	Subtle Slope	C	50	Damp	Excellent	Black Spruce
1043983	19/06/2011	527826	7082808	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Pronounced Slope	B	40	Damp	Good	Dwarf Birch
1043984	19/06/2011	527826	7083120	UTMZ7N_NAD83	Thin Moss Cover	Light Bluish Grey	Sand	Pronounced Slope	C	70	Dry	Excellent	Dwarf Birch
1043985	19/06/2011	527821	7083068	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Pronounced Slope	B	40	Damp	Good	Black Spruce
1043986	19/06/2011	527827	7083018	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Greyish Green	Sand	Subtle Slope	C	50	Damp	Excellent	Black Spruce
1043987	19/06/2011	527749	7084322	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1043988	19/06/2011	527690	7084318	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1043989	19/06/2011	527606	7084257	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1043990	19/06/2011	527852	7083878	UTMZ7N_NAD83	Leaf Cover	Light Brown	Sand	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1043991	19/06/2011	527836	7083822	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	Dwarf Birch
1043992	19/06/2011	527847	7083772	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Pronounced Slope	B	40	Damp	Good	Dwarf Birch
1043993	19/06/2011	527849	7083723	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Subtle Slope	C	80	Damp	Good	Dwarf Birch
1043994	19/06/2011	527819	7083676	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Dry	Good	Dwarf Birch
1043995	19/06/2011	527780	7083619	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Silt	Pronounced Slope	B	50	Damp	Good	Dwarf Birch
1043996	19/06/2011	527787	7083571	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Pronounced Slope	B	30	Damp	Good	Dwarf Birch
1043997	19/06/2011	527801	7083519	UTMZ7N_NAD83	Leaf Cover	Light Brown	Sand	Pronounced Slope	B	40	Dry	Good	Dwarf Birch
1043998	19/06/2011	527808	7083469	UTMZ7N_NAD83	Leaf Cover	Light Brown	Silt	Flat	B	40	Damp	Good	Dwarf Birch
1043999	19/06/2011	527820	7083418	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Silt	Flat	B	50	Wet	Good	Dwarf Birch
1044000	19/06/2011	527799	7083366	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1045883	21/06/2011	528997	7086789	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Steep	A	40	Damp	Poor	No Tree Cover
1045884	21/06/2011	528952	7086790	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	A	40	Damp	Poor	No Tree Cover
1045885	21/06/2011	528905	7086796	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Steep	B	40	Damp	Good	No Tree Cover
1053087	19/06/2011	526740	7083741	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Sand	Subtle Slope	B	30	Damp	Poor	Willows
1053089	19/06/2011	526871	7083312	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Sand	Pronounced Slope	C	60	Wet	Excellent	Poplar
1053090	19/06/2011	526753	7083695	UTMZ7N_NAD83	Grass Cover	Greyish Green	Sand	Pronounced Slope	C	50	Damp	Good	Willows
1053091	19/06/2011	526769	7083649	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Wet	Poor	Old Burn
1053092	19/06/2011	526781	7083602	UTMZ7N_NAD83	Grass Cover	Bluish Grey	Sand	Pronounced Slope	C	50	Damp	Good	Old Burn
1053093	19/06/2011	526799	7083557	UTMZ7N_NAD83	Leaf Cover	Greyish Green	Sand	Pronounced Slope	C	40	Damp	Good	Old Burn
1053094	19/06/2011	526813	7083508	UTMZ7N_NAD83	Grass Cover	Greyish Green	Sand	Pronounced Slope	C	60	Damp	Good	Old Burn
1053095	19/06/2011	526826	7083457	UTMZ7N_NAD83	Leaf Cover	Light Brown	Sand	Pronounced Slope	B	50	Damp	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1053096	19/06/2011	526276	7083717	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Sand	Subtle Slope	B	40	Damp	Good	Willows
1053097	19/06/2011	526504	7083058	UTMZ7N_NAD83	Leaf Cover	Grey	Sand	Subtle Slope	C	60	Dry	Good	Poplar
1053100	19/06/2011	526414	7082552	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Poplar
1053201	25/06/2011	531199	7091186	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1053202	25/06/2011	531151	7091220	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1053203	25/06/2011	531116	7091252	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1053204	25/06/2011	531068	7091281	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1053205	25/06/2011	531038	7091323	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1053206	25/06/2011	530998	7091369	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1053207	25/06/2011	530983	7091409	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Old Burn
1053208	25/06/2011	530958	7091452	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Old Burn
1053209	25/06/2011	530924	7091491	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1053210	25/06/2011	530910	7091536	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1053211	25/06/2011	530877	7091581	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Old Burn
1053212	25/06/2011	530849	7091625	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	110	Damp	Excellent	Old Burn
1053214	25/06/2011	530826	7091659	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Old Burn
1053215	25/06/2011	530794	7091704	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn
1053216	25/06/2011	530774	7091742	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Excellent	Old Burn
1053217	25/06/2011	530740	7091787	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1053218	25/06/2011	530717	7091831	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1053219	25/06/2011	530696	7091869	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Excellent	Old Burn
1053220	26/06/2011	527905	7089145	UTMZ7N_NAD83	Grass Cover	Grey	Silt	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1053221	26/06/2011	527914	7089202	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Bluish Grey	Sand	Subtle Slope	B	40	Damp	Excellent	Dwarf Birch
1053222	26/06/2011	527902	7089259	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1053223	26/06/2011	527888	7089326	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Steep	B	30	Damp	Good	Dwarf Birch
1053224	26/06/2011	527922	7089368	UTMZ7N_NAD83	Burnt Moss	Grey	Silt	Subtle Slope	B	40	Damp	Excellent	Dwarf Birch
1053225	26/06/2011	527950	7089416	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Silt	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1053226	26/06/2011	527972	7089453	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Silt	Subtle Slope	B	40	Wet	Good	Dwarf Birch
1053227	26/06/2011	528000	7089496	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Good	Dwarf Birch
1053228	26/06/2011	528029	7089534	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Silt	Subtle Slope	B	40	Wet	Good	Old Burn
1053230	26/06/2011	528068	7089575	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Silt	Subtle Slope	B	30	Wet	Good	Dwarf Birch
1053231	26/06/2011	528092	7089613	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Silt	Subtle Slope	B	40	Wet	Good	Dwarf Birch
1053232	26/06/2011	528119	7089654	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Grey	Silt	Subtle Slope	B	40	Wet	Good	Dwarf Birch
1053233	26/06/2011	528150	7089689	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Silt	Subtle Slope	B	40	Wet	Good	Dwarf Birch
1053234	26/06/2011	528169	7089744	UTMZ7N_NAD83	Burnt Moss	Grey	Silt	Subtle Slope	B	30	Wet	Good	Old Burn
1053235	26/06/2011	528202	7089780	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Silt	Subtle Slope	B	40	Damp	Good	Old Burn
1053242	26/06/2011	527900	7088413	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	80	Wet	Good	Dwarf Birch
1053243	26/06/2011	527908	7088456	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	B	40	Wet	Good	Dwarf Birch
1053244	26/06/2011	527921	7088506	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Flat	B	30	Wet	Good	Dwarf Birch
1053245	26/06/2011	527936	7088556	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Clay	Flat	C	40	Damp	Excellent	Dwarf Birch
1053246	26/06/2011	527930	7088597	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Dwarf Birch
1053247	26/06/2011	527929	7088646	UTMZ7N_NAD83	Grass Cover	Grey	Sand	Subtle Slope	C	50	Dry	Excellent	Dwarf Birch
1053248	26/06/2011	527930	7088694	UTMZ7N_NAD83	Grass Cover	Grey	Silt	Subtle Slope	B	80	Damp	Excellent	Dwarf Birch

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1053249	26/06/2011	527919	7088743	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	60	Damp	Excellent	No Tree Cover
1053250	26/06/2011	527928	7088792	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	Dwarf Birch
1053337	19/06/2011	527089	7082351	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Damp	Excellent	Poplar
1053338	19/06/2011	526949	7083048	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Subtle Slope	B	80	Wet	Poor	Willows
1053339	19/06/2011	527054	7082707	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Poor	Poplar
1053340	19/06/2011	527041	7082758	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Steep	A	20	Damp	Poor	Black Spruce
1053341	19/06/2011	527016	7082859	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Excellent	Birch Forest
1053342	19/06/2011	526888	7083266	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Sand	Pronounced Slope	B	40	Damp	Good	Poplar
1053343	19/06/2011	527029	7082805	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Steep	B	40	Dry	Poor	Black Spruce
1053344	19/06/2011	527010	7082904	UTMZ7N_NAD83	Leaf Cover	Light Brown	Sand	Subtle Slope	C	60	Wet	Excellent	Old Burn
1053345	19/06/2011	526969	7082953	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Sand	Subtle Slope	C	70	Damp	Excellent	Poplar
1053346	19/06/2011	526956	7082999	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	80	Damp	Good	Willows
1053347	19/06/2011	526949	7083077	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	70	Wet	Poor	Willows
1053348	19/06/2011	526942	7083127	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1053349	19/06/2011	526916	7083170	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	70	Damp	Excellent	Poplar
1053350	19/06/2011	526905	7083218	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Pronounced Slope	C	50	Damp	Excellent	Willows
1053492	19/06/2011	526846	7083410	UTMZ7N_NAD83	Grass Cover	Dark Grey Black	Sand	Pronounced Slope	C	60	Wet	Good	Old Burn
1053493	19/06/2011	526860	7083362	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Pronounced Slope	C	50	Damp	Excellent	Old Burn
1053495	19/06/2011	527105	7082453	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Poplar
1053496	19/06/2011	527084	7082657	UTMZ7N_NAD83	Leaf Cover	Greyish Green	Sand	Pronounced Slope	C	50	Dry	Excellent	Poplar
1053497	19/06/2011	527077	7082608	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Excellent	Birch Forest
1053498	19/06/2011	527071	7082555	UTMZ7N_NAD83	Grass Cover	Greyish Green	Sand	Pronounced Slope	B	60	Wet	Good	Poplar
1053499	19/06/2011	527081	7082508	UTMZ7N_NAD83	Leaf Cover	Light Brown	Sand	Subtle Slope	B	70	Damp	Good	Poplar
1053500	19/06/2011	527092	7082404	UTMZ7N_NAD83	Leaf Cover	Light Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Poplar
1061506	19/06/2011	525603	7082634	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Good	Black Spruce
1061507	19/06/2011	525589	7082584	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Wet	Poor	Black Spruce
1061508	19/06/2011	525581	7082537	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Wet	Good	Black Spruce
1061509	19/06/2011	525570	7082486	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Birch Forest
1061510	19/06/2011	525556	7082438	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1061511	19/06/2011	525545	7082390	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Excellent	Birch Forest
1061512	19/06/2011	525531	7082340	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Birch Forest
1061514	19/06/2011	525524	7082294	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1061516	23/06/2011	529294	7081598	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Willows
1061501	19/06/2011	525781	7082861	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1061502	19/06/2011	525740	7082831	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1061503	19/06/2011	525701	7082800	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Black Spruce
1061504	19/06/2011	525665	7082767	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1061505	19/06/2011	525613	7082683	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Good	Black Spruce
1061517	23/06/2011	529283	7081549	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1061518	23/06/2011	529267	7081503	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Poplar
1061519	23/06/2011	529247	7081455	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	40	Damp	Good	White Spruce
1061521	23/06/2011	529217	7081358	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Willows
1061522	23/06/2011	529230	7081409	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	Poplar

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1061523	24/06/2011	529196	7081315	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Flat	C	30	Damp	Good	Poplar
1061524	24/06/2011	529192	7081263	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	20	Damp	Good	White Spruce
1061525	24/06/2011	529188	7081212	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	30	Damp	Good	White Spruce
1061526	24/06/2011	529185	7081161	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	White Spruce
1061527	24/06/2011	529184	7081112	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Dwarf Birch
1061528	24/06/2011	529181	7081062	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	White Spruce
1061529	24/06/2011	529178	7081013	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Poplar
1061530	24/06/2011	529172	7080962	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Poplar
1061531	24/06/2011	529172	7080912	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1061532	24/06/2011	529163	7080862	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1061533	24/06/2011	529162	7080813	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1061534	24/06/2011	529161	7080764	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	50	Damp	Good	Dwarf Birch
1061535	24/06/2011	529158	7080712	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Poor	White Spruce
1061536	24/06/2011	529157	7080663	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	White Spruce
1061537	24/06/2011	529156	7080612	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	White Spruce
1061538	24/06/2011	529152	7080563	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	40	Damp	Good	White Spruce
1061539	24/06/2011	529146	7080513	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	White Spruce
1061540	24/06/2011	529140	7080464	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Excellent	Dwarf Birch
1061541	24/06/2011	529136	7080414	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	30	Damp	Excellent	White Spruce
1061542	24/06/2011	529136	7080362	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Excellent	White Spruce
1061543	24/06/2011	529134	7080314	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	B	20	Wet	Good	Willows
1061544	24/06/2011	529131	7080263	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1061545	24/06/2011	529128	7080213	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	White Spruce
1061546	24/06/2011	529124	7080164	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Good	Willows
1061547	24/06/2011	529119	7080114	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	White Spruce
1061548	24/06/2011	529118	7080064	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1061549	24/06/2011	529115	7080014	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	White Spruce
1061550	24/06/2011	529111	7079964	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	White Spruce
1066506	19/06/2011	521815	7085564	UTMZ7N_NAD83	Rock Cover	Dark Brown	Silt	Pronounced Slope	B	30	Dry	Poor	No Tree Cover
1066507	19/06/2011	521778	7085530	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Good	No Tree Cover
1066508	19/06/2011	521745	7085490	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	No Tree Cover
1066509	19/06/2011	521712	7085452	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	No Tree Cover
1066510	19/06/2011	521682	7085410	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	B	40	Dry	Good	No Tree Cover
1066511	19/06/2011	521646	7085375	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	No Tree Cover
1066512	19/06/2011	521623	7085328	UTMZ7N_NAD83	Burnt Moss	Grey	Clay	Subtle Slope	B	40	Wet	Poor	No Tree Cover
1066513	19/06/2011	521608	7085279	UTMZ7N_NAD83	Burnt Moss	Grey	Clay	Subtle Slope	B	50	Wet	Poor	No Tree Cover
1066514	19/06/2011	521591	7085229	UTMZ7N_NAD83	Burnt Moss	Grey	Clay	Subtle Slope	B	50	Wet	Poor	No Tree Cover
1066515	19/06/2011	521572	7085180	UTMZ7N_NAD83	Burnt Moss	Grey	Clay	Subtle Slope	B	40	Wet	Poor	No Tree Cover
1066516	19/06/2011	521555	7085132	UTMZ7N_NAD83	Burnt Moss	Grey	Clay	Subtle Slope	B	60	Damp	Good	No Tree Cover
1067070	19/06/2011	520391	7085329	UTMZ7N_NAD83	Bare Soil	Dark Brown	Sand	Subtle Slope	B	50	Dry	Good	Old Burn
1067071	19/06/2011	520374	7085282	UTMZ7N_NAD83	Bare Soil	Dark Brown	Sand	Subtle Slope	B	50	Wet	Good	Old Burn
1067072	19/06/2011	520365	7085232	UTMZ7N_NAD83	Bare Soil	Dark Brown	Sand	Subtle Slope	B	50	Wet	Good	Old Burn
1067073	19/06/2011	520351	7085184	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1067074	19/06/2011	520325	7085140	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1067075	19/06/2011	520315	7085091	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1067076	19/06/2011	520293	7085046	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Old Burn
1067077	19/06/2011	520281	7084995	UTMZ7N_NAD83	Bare Soil	Dark Brown	Clay	Subtle Slope	B	50	Damp	Good	Old Burn
1067078	19/06/2011	520254	7084951	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	Old Burn
1067079	19/06/2011	520255	7084900	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	Old Burn
1066501	19/06/2011	521985	7085768	UTMZ7N_NAD83	Bare Soil	Dark Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1066502	19/06/2011	521938	7085724	UTMZ7N_NAD83	Thin Moss Cover	Grey	Clay	Flat	B	30	Damp	Poor	No Tree Cover
1066503	19/06/2011	521914	7085676	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Flat	B	20	Damp	Poor	No Tree Cover
1066504	19/06/2011	521873	7085648	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1066505	19/06/2011	521849	7085609	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Poor	No Tree Cover
1066517	19/06/2011	521536	7085084	UTMZ7N_NAD83	Burnt Moss	Grey	Clay	Subtle Slope	B	60	Damp	Good	No Tree Cover
1066518	19/06/2011	521517	7085034	UTMZ7N_NAD83	Burnt Moss	Grey	Clay	Subtle Slope	B	50	Damp	Poor	No Tree Cover
1066519	19/06/2011	521502	7084986	UTMZ7N_NAD83	Burnt Moss	Grey	Clay	Subtle Slope	B	70	Damp	Poor	No Tree Cover
1066520	19/06/2011	521483	7084937	UTMZ7N_NAD83	Burnt Moss	Grey	Clay	Subtle Slope	B	40	Dry	Poor	No Tree Cover
1066521	19/06/2011	521462	7084890	UTMZ7N_NAD83	Burnt Moss	Grey	Clay	Subtle Slope	B	40	Damp	Poor	No Tree Cover
1066522	19/06/2011	521438	7084842	UTMZ7N_NAD83	Burnt Moss	Grey	Clay	Subtle Slope	B	50	Dry	Poor	Black Spruce
1066523	19/06/2011	521418	7084794	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	B	60	Dry	Good	No Tree Cover
1066524	19/06/2011	521395	7084747	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	Black Spruce
1066525	19/06/2011	521369	7084703	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	Black Spruce
1066526	19/06/2011	521349	7084656	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	No Tree Cover
1066527	19/06/2011	521335	7084606	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Poor	No Tree Cover
1066528	19/06/2011	521317	7084558	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Poor	No Tree Cover
1066529	19/06/2011	521302	7084509	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Poor	Black Spruce
1066530	19/06/2011	521293	7084457	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Poor	Black Spruce
1066531	19/06/2011	521275	7084414	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	B	40	Dry	Poor	Black Spruce
1066533	21/06/2011	522996	7087318	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Flat	C	40	Wet	Good	No Tree Cover
1066951	19/06/2011	521258	7084363	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1066952	19/06/2011	521252	7084311	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Old Burn
1066953	19/06/2011	521235	7084262	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn
1066954	19/06/2011	521245	7084212	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1066955	19/06/2011	521212	7084173	UTMZ7N_NAD83	Bare Soil	Reddish Orange	Sand	Subtle Slope	C	30	Dry	Excellent	Old Burn
1066956	19/06/2011	521224	7084121	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Excellent	Old Burn
1066957	19/06/2011	521229	7084070	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn
1066958	19/06/2011	521221	7084020	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Old Burn
1066959	19/06/2011	521212	7083973	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Old Burn
1066960	19/06/2011	521208	7083920	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn
1066961	19/06/2011	521201	7083867	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1066962	19/06/2011	521187	7083817	UTMZ7N_NAD83	Burnt Moss	Reddish Orange	Sand	Pronounced Slope	C	50	Dry	Excellent	Old Burn
1066963	19/06/2011	521175	7083768	UTMZ7N_NAD83	Burnt Moss	Reddish Orange	Sand	Pronounced Slope	C	30	Dry	Excellent	Old Burn
1066964	19/06/2011	521164	7083716	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Old Burn
1066965	19/06/2011	521145	7083666	UTMZ7N_NAD83	Bare Soil	Reddish Orange	Sand	Subtle Slope	C	30	Dry	Excellent	Old Burn
1066966	19/06/2011	521139	7083613	UTMZ7N_NAD83	Bare Soil	Light Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1066967	19/06/2011	521131	7083564	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1066968	19/06/2011	521113	7083516	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	C	50	Damp	Excellent	Old Burn
1066969	19/06/2011	521110	7083463	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Old Burn
1066970	19/06/2011	521084	7083416	UTMZ7N_NAD83	Rock Cover	Light Brown	Sand	Subtle Slope	C	20	Dry	Good	Old Burn
1066971	19/06/2011	521077	7083366	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Silt	Subtle Slope	C	30	Damp	Good	Old Burn
1066972	19/06/2011	521072	7083313	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Old Burn
1066973	19/06/2011	521050	7083267	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Silt	Subtle Slope	C	40	Dry	Excellent	Old Burn
1066974	19/06/2011	521024	7083231	UTMZ7N_NAD83	Burnt Moss	Yellow	Silt	Subtle Slope	C	30	Dry	Good	Old Burn
1066975	19/06/2011	520963	7083142	UTMZ7N_NAD83	Burnt Moss	Grey	Silt	Subtle Slope	C	30	Wet	Good	Old Burn
1066976	19/06/2011	520936	7083097	UTMZ7N_NAD83	Bare Soil	Grey	Sand	Subtle Slope	C	20	Damp	Good	Old Burn
1066977	19/06/2011	520921	7083051	UTMZ7N_NAD83	Burnt Moss	Grey	Silt	Subtle Slope	C	30	Wet	Good	Old Burn
1066978	19/06/2011	520887	7083010	UTMZ7N_NAD83	Burnt Moss	Grey	Silt	Subtle Slope	C	40	Wet	Good	Old Burn
1066979	19/06/2011	520868	7082961	UTMZ7N_NAD83	Burnt Moss	Reddish Orange	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1066981	19/06/2011	520843	7082919	UTMZ7N_NAD83	Bare Soil	Reddish Orange	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1067051	19/06/2011	520128	7086314	UTMZ7N_NAD83	Grass Cover	Dark Brown	Clay	Pronounced Slope	B	40	Damp	Good	Old Burn
1067052	19/06/2011	520138	7086262	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Pronounced Slope	B	60	Wet	Good	Old Burn
1067053	19/06/2011	520153	7086221	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Pronounced Slope	B	50	Damp	Good	Old Burn
1067054	19/06/2011	520185	7086183	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Pronounced Slope	B	50	Damp	Good	Old Burn
1067055	19/06/2011	520200	7086132	UTMZ7N_NAD83	Bare Soil	Dark Brown	Sand	Subtle Slope	B	50	Damp	Good	Old Burn
1067056	19/06/2011	520278	7085949	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Dry	Poor	Old Burn
1067057	19/06/2011	520301	7085901	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Dry	Good	Old Burn
1067058	19/06/2011	520315	7085860	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1067059	19/06/2011	520320	7085806	UTMZ7N_NAD83	Bare Soil	Dark Brown	Sand	Subtle Slope	B	40	Damp	Poor	Old Burn
1067060	19/06/2011	520344	7085761	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	B	80	Damp	Good	Old Burn
1067061	19/06/2011	520359	7085711	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	Old Burn
1067062	19/06/2011	520372	7085665	UTMZ7N_NAD83	Bare Soil	Dark Brown	Sand	Subtle Slope	B	40	Damp	Poor	Old Burn
1067063	19/06/2011	520376	7085612	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	70	Wet	Good	Old Burn
1067064	19/06/2011	520403	7085567	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1067065	19/06/2011	520427	7085523	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1067066	19/06/2011	520444	7085478	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1067067	19/06/2011	520410	7085428	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1067068	19/06/2011	520406	7085376	UTMZ7N_NAD83	Bare Soil	Dark Brown	Sand	Subtle Slope	B	50	Damp	Good	Old Burn
1067080	19/06/2011	520237	7084855	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Old Burn
1067101	19/06/2011	518594	7085026	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1067102	19/06/2011	518628	7084988	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Dry	Good	Old Burn
1067103	19/06/2011	518658	7084949	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	No Tree Cover
1067104	19/06/2011	518691	7084912	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1067105	19/06/2011	518725	7084874	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Dry	Excellent	Old Burn
1067106	19/06/2011	518756	7084836	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Dry	Excellent	Old Burn
1067107	19/06/2011	518792	7084801	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1067108	19/06/2011	518819	7084759	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Dry	Good	No Tree Cover
1067109	19/06/2011	518853	7084722	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1067110	19/06/2011	518884	7084684	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1067111	19/06/2011	518917	7084645	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	Old Burn
1067112	19/06/2011	518942	7084602	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	Old Burn
1067113	19/06/2011	518964	7084557	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	30	Dry	Good	Old Burn
1067114	19/06/2011	518979	7084509	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1067115	19/06/2011	519000	7084463	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Dry	Good	Old Burn
1067116	19/06/2011	519018	7084416	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Excellent	Old Burn
1067117	19/06/2011	519039	7084371	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Dry	Good	Old Burn
1067118	19/06/2011	519053	7084323	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Dry	Good	Old Burn
1067119	19/06/2011	519069	7084276	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	30	Dry	Good	No Tree Cover
1067120	19/06/2011	519084	7084228	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1067121	19/06/2011	519105	7084183	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Old Burn
1067122	19/06/2011	519125	7084138	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1067123	19/06/2011	519149	7084093	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Dry	Excellent	Old Burn
1067124	19/06/2011	519169	7084046	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1067125	19/06/2011	519190	7084001	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1067127	19/06/2011	519205	7083953	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	Old Burn
1067128	19/06/2011	519222	7083906	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1067129	19/06/2011	519247	7083863	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1067130	19/06/2011	519259	7083814	UTMZ7N_NAD83	Thin Moss Cover	Dark Olivine Green	Sand	Subtle Slope	C	60	Dry	Excellent	Old Burn
1067131	19/06/2011	519284	7083771	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1067132	19/06/2011	519302	7083724	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1067133	19/06/2011	519331	7083683	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1067134	19/06/2011	519357	7083661	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1067551	21/06/2011	519413	7089874	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Subalpine Fir
1067552	21/06/2011	519424	7089927	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Bluish Grey	Sand	Subtle Slope	C	50	Damp	Good	White Spruce
1067553	21/06/2011	519436	7089973	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Bluish Grey	Sand	Subtle Slope	C	50	Damp	Good	Willows
1067554	21/06/2011	519445	7090024	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Bluish Grey	Sand	Subtle Slope	C	30	Damp	Good	Willows
1067555	21/06/2011	519468	7090068	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1067556	21/06/2011	519490	7090115	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Good	Willows
1067557	21/06/2011	519517	7090157	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	70	Damp	Good	Willows
1067558	21/06/2011	519540	7090202	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Bluish Grey	Sand	Subtle Slope	C	60	Damp	Good	Willows
1067559	21/06/2011	519563	7090245	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1067560	21/06/2011	519589	7090299	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	Willows
1067561	21/06/2011	519614	7090334	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Bluish Grey	Sand	Subtle Slope	C	70	Damp	Excellent	Willows
1067563	21/06/2011	519638	7090378	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Bluish Grey	Sand	Subtle Slope	C	80	Wet	Good	Willows
1067564	21/06/2011	519668	7090416	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Bluish Grey	Sand	Subtle Slope	C	80	Damp	Excellent	Willows
1067566	21/06/2011	519692	7090460	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1067567	21/06/2011	519717	7090505	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	50	Wet	Good	Willows
1067568	21/06/2011	519747	7090548	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	50	Wet	Good	Willows
1067569	21/06/2011	519775	7090584	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Willows
1067570	21/06/2011	519799	7090626	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Sand	Pronounced Slope	C	50	Damp	Good	Willows
1067571	21/06/2011	519834	7090663	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Bluish Grey	Sand	Steep	C	50	Damp	Excellent	Willows
1067572	21/06/2011	519864	7090708	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Sand	Pronounced Slope	C	50	Wet	Good	Willows

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1067573	21/06/2011	519897	7090742	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Willows
1067574	21/06/2011	519925	7090783	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	50	Wet	Good	Willows
1067575	21/06/2011	519958	7090822	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Wet	Good	Willows
1067576	21/06/2011	519993	7090861	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	50	Wet	Poor	Willows
1067577	21/06/2011	520024	7090895	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	40	Wet	Good	Black Spruce
1067578	21/06/2011	520067	7090934	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Good	Black Spruce
1067579	21/06/2011	520092	7090978	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	50	Wet	Poor	Black Spruce
1067580	21/06/2011	520107	7091025	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Bluish Grey	Sand	Subtle Slope	C	40	Wet	Good	Willows
1067581	21/06/2011	520126	7091071	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	40	Wet	Poor	Black Spruce
1067582	21/06/2011	520186	7091104	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1067583	21/06/2011	520162	7091161	UTMZ7N_NAD83	Grass Cover	Dark Brown	Clay	Subtle Slope	B	40	Damp	Good	Black Spruce
1067651	21/06/2011	520166	7091206	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	40	Damp	Poor	Black Spruce
1068093	21/06/2011	521928	7088358	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	B	30	Wet	Good	No Tree Cover
1068094	21/06/2011	521888	7088392	UTMZ7N_NAD83	Thin Moss Cover	Grey	Clay	Flat	B	40	Wet	Good	No Tree Cover
1068095	21/06/2011	521849	7088425	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	20	Wet	Good	No Tree Cover
1068096	21/06/2011	521810	7088459	UTMZ7N_NAD83	Thin Moss Cover	Grey	Clay	Flat	B	30	Damp	Good	Black Spruce
1068097	21/06/2011	521772	7088495	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Flat	B	40	Wet	Good	Willows
1068098	21/06/2011	521733	7088529	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Flat	B	50	Wet	Good	Willows
1068099	21/06/2011	521700	7088567	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Bluish Grey	Clay	Flat	C	40	Damp	Good	Willows
1068100	21/06/2011	521667	7088606	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Clay	Flat	C	60	Damp	Good	Willows
1068101	21/06/2011	521642	7088639	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Clay	Flat	B	40	Damp	Good	Willows
1068106	21/06/2011	521620	7088684	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Flat	B	40	Damp	Good	Black Spruce
1067652	21/06/2011	520175	7091256	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	30	Damp	Poor	Black Spruce
1067653	21/06/2011	520172	7091305	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Black Spruce
1067654	21/06/2011	520152	7091351	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Poor	Black Spruce
1067655	21/06/2011	520159	7091401	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Subtle Slope	B	40	Damp	Poor	Black Spruce
1067656	21/06/2011	520140	7091449	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1067657	21/06/2011	520126	7091497	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	60	Wet	Excellent	Dwarf Birch
1067659	21/06/2011	520127	7091548	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Silt	Subtle Slope	C	30	Damp	Excellent	Black Spruce
1067660	21/06/2011	520135	7091597	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Flat	C	30	Damp	Good	Black Spruce
1067661	21/06/2011	520138	7091647	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	30	Damp	Good	Black Spruce
1067662	21/06/2011	520157	7091694	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Flat	C	50	Damp	Excellent	Black Spruce
1067663	21/06/2011	520151	7091744	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Sand	Flat	C	70	Damp	Excellent	Black Spruce
1067665	21/06/2011	520163	7091793	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Sand	Subtle Slope	C	20	Damp	Poor	Black Spruce
1067666	21/06/2011	520161	7091843	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Flat	B	10	Damp	Poor	Black Spruce
1067667	21/06/2011	520196	7091879	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	B	20	Damp	Good	Black Spruce
1067668	21/06/2011	520220	7091924	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	20	Damp	Good	Black Spruce
1067669	21/06/2011	520284	7092005	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Black Spruce
1067670	21/06/2011	520297	7092054	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	20	Wet	Poor	Black Spruce
1067671	21/06/2011	520333	7092088	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Sand	Subtle Slope	B	20	Damp	Good	Black Spruce
1067672	21/06/2011	520370	7092123	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Pronounced Slope	B	20	Damp	Poor	Black Spruce
1067673	21/06/2011	520400	7092163	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Poor	Black Spruce
1067674	21/06/2011	520434	7092199	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Black Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1067675	21/06/2011	520471	7092232	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	20	Wet	Good	Black Spruce
1067676	21/06/2011	520506	7092267	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	30	Wet	Good	Black Spruce
1067677	21/06/2011	520532	7092309	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	20	Damp	Good	Black Spruce
1067678	21/06/2011	520559	7092351	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	20	Wet	Good	Black Spruce
1067679	21/06/2011	520595	7092387	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	20	Wet	Good	Black Spruce
1067680	21/06/2011	520628	7092424	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	20	Wet	Good	Black Spruce
1067681	21/06/2011	520657	7092465	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Sand	Subtle Slope	B	20	Damp	Good	Black Spruce
1067682	21/06/2011	520715	7092548	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Black Spruce
1067683	21/06/2011	520686	7092505	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Black Spruce
1068001	21/06/2011	523487	7088584	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1068002	21/06/2011	523441	7088615	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Pronounced Slope	B	30	Dry	Poor	No Tree Cover
1068003	21/06/2011	523397	7088649	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Pronounced Slope	B	40	Dry	Good	No Tree Cover
1068004	21/06/2011	523356	7088679	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Pronounced Slope	C	50	Damp	Good	No Tree Cover
1068005	21/06/2011	523309	7088700	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	O	40	Dry	Excellent	No Tree Cover
1068006	21/06/2011	523269	7088734	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Pronounced Slope	C	40	Dry	Good	No Tree Cover
1068007	21/06/2011	523179	7088793	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Silt	Flat	C	40	Wet	Good	No Tree Cover
1068008	21/06/2011	523138	7088825	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Flat	C	50	Damp	Good	No Tree Cover
1068009	21/06/2011	523100	7088859	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1068010	21/06/2011	523051	7088884	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	C	30	Damp	Good	No Tree Cover
1068011	21/06/2011	523011	7088920	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Silt	Flat	B	30	Damp	Excellent	No Tree Cover
1068012	21/06/2011	522963	7088943	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1068013	21/06/2011	522925	7088979	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Pronounced Slope	C	40	Dry	Good	No Tree Cover
1068014	21/06/2011	522887	7089020	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Dwarf Birch
1068015	21/06/2011	522856	7089060	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Dry	Excellent	Black Spruce
1068016	21/06/2011	522813	7089091	UTMZ7N_NAD83	Thin Moss Cover	Reddish Orange	Sand	Subtle Slope	C	30	Dry	Good	Black Spruce
1068017	21/06/2011	522780	7089132	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Silt	Subtle Slope	B	20	Dry	Poor	Black Spruce
1068018	21/06/2011	522749	7089163	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Dry	Good	White Spruce
1068019	21/06/2011	522708	7089207	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Subtle Slope	B	30	Wet	Good	White Spruce
1068020	21/06/2011	522672	7089244	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1068021	21/06/2011	522601	7089326	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	40	Dry	Good	White Spruce
1068022	21/06/2011	522567	7089367	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	White Spruce
1068023	21/06/2011	522522	7089394	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Pronounced Slope	B	40	Dry	Good	Dwarf Birch
1068024	21/06/2011	522477	7089420	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Pronounced Slope	C	60	Dry	Excellent	Dwarf Birch
1068025	21/06/2011	522439	7089453	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Silt	Pronounced Slope	B	40	Damp	Good	Dwarf Birch
1068026	21/06/2011	522403	7089487	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1068027	21/06/2011	522369	7089521	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Black Spruce
1068029	21/06/2011	522345	7089561	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Silt	Subtle Slope	B	40	Wet	Good	Black Spruce
1068036	21/06/2011	523167	7087427	UTMZ7N_NAD83	Frost Boil	Grey	Sand	Flat	C	40	Wet	Poor	No Tree Cover
1068037	21/06/2011	523210	7087456	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	20	Damp	Good	No Tree Cover
1068038	21/06/2011	523253	7087484	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	30	Damp	Good	No Tree Cover
1068039	21/06/2011	523281	7087524	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	30	Damp	Good	No Tree Cover
1068040	21/06/2011	523292	7087582	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	30	Wet	Poor	No Tree Cover
1068041	21/06/2011	523289	7087633	UTMZ7N_NAD83	Frost Boil	Grey	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1068042	21/06/2011	523294	7087684	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Clay	Subtle Slope	B	30	Wet	Poor	No Tree Cover
1068043	21/06/2011	523294	7087736	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Poor	No Tree Cover
1068044	21/06/2011	523288	7087788	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1068045	21/06/2011	523270	7087836	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	No Tree Cover
1068046	21/06/2011	523232	7087931	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1068047	21/06/2011	523214	7087979	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	30	Damp	Good	No Tree Cover
1068048	21/06/2011	523196	7088026	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	40	Damp	Poor	No Tree Cover
1068049	21/06/2011	523179	7088075	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	40	Damp	Poor	No Tree Cover
1068050	21/06/2011	523170	7088125	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1068051	21/06/2011	523164	7088175	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1068052	21/06/2011	523163	7088226	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Pronounced Slope	B	40	Damp	Poor	No Tree Cover
1068053	21/06/2011	523165	7088278	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1068054	21/06/2011	523186	7088323	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Pronounced Slope	B	30	Damp	Poor	No Tree Cover
1068055	21/06/2011	523213	7088367	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	No Tree Cover
1068056	21/06/2011	523242	7088410	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Pronounced Slope	B	30	Damp	Poor	No Tree Cover
1068057	21/06/2011	523265	7088455	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Pronounced Slope	B	40	Damp	Poor	No Tree Cover
1068058	21/06/2011	523291	7088499	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Pronounced Slope	B	30	Damp	Poor	No Tree Cover
1068059	21/06/2011	523316	7088543	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Pronounced Slope	C	40	Wet	Poor	No Tree Cover
1068060	21/06/2011	523344	7088599	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Flat	B	40	Wet	Poor	No Tree Cover
1068062	01/08/2011	524304	7081346	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Flat	C	40	Dry	Excellent	Willows
1068063	01/08/2011	524330	7081301	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Flat	C	30	Dry	Excellent	Willows
1068064	01/08/2011	524352	7081254	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Flat	C	50	Dry	Good	Willows
1068065	01/08/2011	524265	7081436	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Excellent	Willows
1068066	01/08/2011	524243	7081486	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	Willows
1068068	21/06/2011	523124	7087399	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Flat	C	50	Wet	Poor	No Tree Cover
1068069	21/06/2011	523080	7087372	UTMZ7N_NAD83	Frost Boil	Grey	Clay	Flat	C	40	Damp	Poor	No Tree Cover
1068070	21/06/2011	523035	7087347	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Flat	C	30	Wet	Good	No Tree Cover
1068071	21/06/2011	522457	7087396	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	B	50	Wet	Good	No Tree Cover
1068072	21/06/2011	522423	7087434	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Clay	Flat	C	40	Wet	Good	No Tree Cover
1068073	21/06/2011	522392	7087474	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Flat	B	40	Wet	Good	No Tree Cover
1068074	21/06/2011	522361	7087512	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	B	30	Wet	Good	No Tree Cover
1068075	21/06/2011	522327	7087553	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	B	40	Damp	Good	No Tree Cover
1068076	21/06/2011	522296	7087595	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Flat	C	50	Damp	Good	No Tree Cover
1068077	21/06/2011	522260	7087633	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Clay	Flat	C	70	Damp	Good	No Tree Cover
1068078	21/06/2011	522227	7087673	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Flat	B	40	Wet	Good	No Tree Cover
1068079	21/06/2011	522194	7087711	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Flat	B	40	Damp	Good	No Tree Cover
1068080	21/06/2011	522163	7087752	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Flat	C	70	Wet	Good	No Tree Cover
1068082	21/06/2011	522128	7087789	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Flat	B	50	Wet	Good	No Tree Cover
1068083	21/06/2011	522101	7087831	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Flat	B	40	Wet	Good	No Tree Cover
1068084	21/06/2011	522065	7087867	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1068085	21/06/2011	522052	7087918	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	No Tree Cover
1068086	21/06/2011	522042	7087970	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Poor	No Tree Cover
1068087	21/06/2011	522044	7088023	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	B	20	Damp	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1068088	21/06/2011	522033	7088071	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1068089	21/06/2011	522014	7088126	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1068090	21/06/2011	522006	7088178	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Flat	B	30	Damp	Good	No Tree Cover
1068091	21/06/2011	521995	7088227	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Poor	No Tree Cover
1068092	21/06/2011	521984	7088278	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	20	Damp	Good	No Tree Cover
1068107	21/06/2011	521594	7088738	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Poor	No Tree Cover
1068108	21/06/2011	521553	7088776	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Flat	B	40	Damp	Good	No Tree Cover
1068109	21/06/2011	521509	7088797	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Flat	C	40	Damp	Good	Black Spruce
1068110	21/06/2011	521485	7088850	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	No Tree Cover
1068111	21/06/2011	521445	7088867	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Good	Black Spruce
1068112	21/06/2011	521409	7088911	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Pronounced Slope	B	60	Damp	Good	No Tree Cover
1068113	21/06/2011	521342	7088986	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Poor	No Tree Cover
1068114	21/06/2011	521272	7089055	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Poor	Black Spruce
1068115	21/06/2011	521238	7089094	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Wet	Poor	Black Spruce
1068116	21/06/2011	521204	7089133	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Flat	B	50	Wet	Poor	Black Spruce
1068117	21/06/2011	521170	7089170	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	40	Damp	Poor	Black Spruce
1068118	21/06/2011	521135	7089205	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	Black Spruce
1068119	21/06/2011	521097	7089241	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Black Spruce
1068120	21/06/2011	521067	7089278	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Wet	Good	Black Spruce
1068121	21/06/2011	521028	7089309	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1068122	21/06/2011	520994	7089348	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Poor	Black Spruce
1068123	21/06/2011	521015	7089393	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Black Spruce
1068124	21/06/2011	521033	7089438	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	Black Spruce
1068125	21/06/2011	521055	7089484	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	B	40	Wet	Good	Black Spruce
1068126	21/06/2011	521084	7089526	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	30	Wet	Good	Black Spruce
1068127	21/06/2011	521103	7089574	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	Black Spruce
1068128	21/06/2011	521115	7089625	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Poor	Black Spruce
1068129	21/06/2011	521133	7089667	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Poor	Black Spruce
1068130	21/06/2011	521176	7089759	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Poor	Black Spruce
1068131	21/06/2011	521198	7089803	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	Black Spruce
1068132	21/06/2011	521217	7089850	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	50	Damp	Good	Black Spruce
1068134	21/06/2011	521239	7089894	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	40	Damp	Good	Black Spruce
1068141	21/06/2011	520378	7087753	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	No Tree Cover
1068142	21/06/2011	520382	7087803	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	No Tree Cover
1068143	21/06/2011	520387	7087853	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	No Tree Cover
1068144	21/06/2011	520389	7087905	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Black Spruce
1068145	21/06/2011	520393	7087956	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1068146	21/06/2011	520391	7088006	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Excellent	Black Spruce
1068147	21/06/2011	520396	7088056	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Excellent	Black Spruce
1068148	21/06/2011	520403	7088106	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Black Spruce
1068149	21/06/2011	520403	7088156	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	No Tree Cover
1068150	21/06/2011	520422	7088203	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	C	70	Dry	Excellent	No Tree Cover
1068151	21/06/2011	520439	7088251	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	C	50	Dry	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1068152	21/06/2011	520455	7088299	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Dry	Good	Black Spruce
1068153	21/06/2011	520466	7088347	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	Black Spruce
1068154	21/06/2011	520484	7088394	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Dry	Good	Black Spruce
1068155	21/06/2011	520502	7088441	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Black Spruce
1068156	21/06/2011	520518	7088489	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Excellent	Black Spruce
1068157	21/06/2011	520526	7088539	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Black Spruce
1068158	21/06/2011	520533	7088588	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Pronounced Slope	B	40	Damp	Good	Black Spruce
1068159	21/06/2011	520539	7088640	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	C	50	Dry	Good	No Tree Cover
1068160	21/06/2011	520547	7088689	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	B	30	Damp	Poor	No Tree Cover
1068161	21/06/2011	520557	7088740	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Pronounced Slope	C	40	Damp	Good	Black Spruce
1068162	21/06/2011	520555	7088790	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Black Spruce
1068163	21/06/2011	520557	7088841	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	40	Damp	Good	Black Spruce
1068164	21/06/2011	520558	7088892	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Black Spruce
1068165	21/06/2011	520553	7088942	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Black Spruce
1068166	21/06/2011	520554	7088993	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Subtle Slope	B	40	Damp	Good	Black Spruce
1068167	21/06/2011	520559	7089044	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Black Spruce
1068168	21/06/2011	520561	7089094	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Subtle Slope	B	40	Damp	Poor	Black Spruce
1068169	21/06/2011	520556	7089146	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Black Spruce
1068170	21/06/2011	520557	7089197	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Black Spruce
1068171	21/06/2011	520557	7089249	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Black Spruce
1068172	21/06/2011	520561	7089299	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Black Spruce
1068211	01/08/2011	524287	7081392	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Flat	C	60	Dry	Excellent	Willows
1068212	01/08/2011	524374	7081212	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Dry	Good	Willows
1068213	01/08/2011	524399	7081167	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Willows
1068214	01/08/2011	524418	7081120	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Flat	C	30	Damp	Good	Willows
1068215	01/08/2011	524434	7081074	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Black Spruce
1068216	01/08/2011	524457	7081028	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Willows
1068217	01/08/2011	524482	7080986	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1068218	01/08/2011	524502	7080942	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Good	Willows
1068219	01/08/2011	524522	7080894	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1068220	01/08/2011	524545	7080846	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Flat	C	30	Damp	Excellent	Willows
1068221	01/08/2011	524566	7080804	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Pronounced Slope	C	40	Damp	Excellent	White Spruce
1068222	01/08/2011	524587	7080759	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Clay	Pronounced Slope	B	40	Damp	Good	Birch Forest
1068223	01/08/2011	524607	7080716	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Pronounced Slope	C	40	Damp	Good	Willows
1068224	01/08/2011	524625	7080670	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Clay	Subtle Slope	B	30	Damp	Good	Birch Forest
1068225	01/08/2011	524640	7080622	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Good	Willows
1068226	01/08/2011	524662	7080577	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Sand	Pronounced Slope	C	40	Damp	Good	White Spruce
1068227	01/08/2011	524673	7080527	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Sand	Pronounced Slope	C	30	Dry	Excellent	Poplar
1068228	01/08/2011	524690	7080481	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Sand	Pronounced Slope	C	30	Damp	Good	Poplar
1068229	01/08/2011	524703	7080433	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Pronounced Slope	C	30	Dry	Good	Poplar
1068230	01/08/2011	524721	7080387	UTMZ7N_NAD83	Leaf Cover	Reddish Orange	Sand	Pronounced Slope	C	60	Dry	Excellent	Poplar
1068232	01/08/2011	524737	7080338	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Sand	Pronounced Slope	C	70	Dry	Excellent	White Spruce
1068233	01/08/2011	524756	7080288	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Pronounced Slope	C	50	Dry	Excellent	White Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1068234	01/08/2011	524772	7080243	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Pronounced Slope	C	80	Dry	Good	White Spruce
1068235	01/08/2011	524787	7080197	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	70	Dry	Good	White Spruce
1068236	01/08/2011	524815	7080152	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Pronounced Slope	C	90	Dry	Excellent	White Spruce
1068237	01/08/2011	524825	7080101	UTMZ7N_NAD83	Needle Cover	Grey	Sand	Pronounced Slope	C	50	Dry	Good	White Spruce
1068238	01/08/2011	524832	7080057	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Sand	Pronounced Slope	C	30	Dry	Excellent	White Spruce
1068239	02/08/2011	525126	7079293	UTMZ7N_NAD83	Leaf Cover	Yellow	Sand	Steep	C	50	Damp	Excellent	Poplar
1068240	02/08/2011	525157	7079297	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Pronounced Slope	C	50	Dry	Excellent	Poplar
1068241	02/08/2011	525179	7079343	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Excellent	Birch Forest
1068242	02/08/2011	525202	7079387	UTMZ7N_NAD83	Leaf Cover	Grey	Sand	Pronounced Slope	C	80	Dry	Excellent	Poplar
1068243	02/08/2011	525218	7079435	UTMZ7N_NAD83	Leaf Cover	Light Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Poplar
1069536	21/06/2011	520398	7091147	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Subtle Slope	B	50	Damp	Poor	Black Spruce
1069537	21/06/2011	520451	7091159	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	50	Damp	Poor	Black Spruce
1069538	21/06/2011	520502	7091172	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Subtle Slope	B	50	Damp	Poor	Black Spruce
1069539	21/06/2011	520551	7091185	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Subtle Slope	B	50	Damp	Good	Black Spruce
1069540	21/06/2011	520601	7091198	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Good	Black Spruce
1069541	21/06/2011	520651	7091208	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Black Spruce
1069542	21/06/2011	520700	7091224	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	50	Damp	Good	Black Spruce
1069543	21/06/2011	520751	7091228	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Flat	C	70	Dry	Excellent	Black Spruce
1069544	21/06/2011	520799	7091241	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Flat	C	30	Damp	Excellent	Dwarf Birch
1069545	21/06/2011	520853	7091242	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Flat	C	60	Damp	Good	Black Spruce
1069546	21/06/2011	520904	7091252	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	30	Damp	Good	Black Spruce
1069547	21/06/2011	520950	7091277	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Dwarf Birch
1069548	21/06/2011	520992	7091310	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Dwarf Birch
1069549	21/06/2011	521038	7091335	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	80	Dry	Excellent	Dwarf Birch
1069550	21/06/2011	521080	7091366	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1069551	21/06/2011	519078	7089723	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Sand	Flat	C	50	Dry	Good	Subalpine Fir
1069552	21/06/2011	519124	7089742	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Flat	C	40	Dry	Good	Subalpine Fir
1069553	21/06/2011	519174	7089752	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Clay	Subtle Slope	B	30	Dry	Good	Subalpine Fir
1069554	21/06/2011	519222	7089765	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Subtle Slope	C	40	Dry	Good	Subalpine Fir
1069555	21/06/2011	519270	7089778	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Clay	Subtle Slope	B	30	Dry	Good	Subalpine Fir
1069556	21/06/2011	519321	7089773	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Bluish Grey	Sand	Subtle Slope	C	60	Dry	Excellent	Dwarf Birch
1069558	21/06/2011	519372	7089773	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Damp	Good	Dwarf Birch
1069559	21/06/2011	519422	7089769	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Bluish Grey	Sand	Flat	C	50	Dry	Good	Dwarf Birch
1069560	21/06/2011	519472	7089768	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	40	Wet	Good	Willows
1069561	21/06/2011	519519	7089755	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Sand	Subtle Slope	C	30	Damp	Good	Willows
1069562	21/06/2011	519560	7089725	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Willows
1069563	21/06/2011	519598	7089689	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	Willows
1069564	21/06/2011	519637	7089657	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Flat	C	90	Dry	Excellent	Willows
1069565	21/06/2011	519681	7089632	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	30	Damp	Good	Willows
1069566	21/06/2011	519723	7089606	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Willows
1069567	21/06/2011	519762	7089577	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	White Spruce
1069568	21/06/2011	519797	7089544	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	White Spruce
1069569	21/06/2011	519822	7089501	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	80	Wet	Excellent	White Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1069570	21/06/2011	519843	7089454	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	50	Dry	Excellent	White Spruce
1069571	21/06/2011	519863	7089408	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	B	30	Damp	Good	White Spruce
1069572	21/06/2011	519876	7089359	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	B	70	Damp	Good	White Spruce
1069573	21/06/2011	519878	7089309	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Subtle Slope	C	40	Dry	Good	White Spruce
1069574	21/06/2011	519882	7089260	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Sand	Subtle Slope	B	30	Dry	Good	Black Spruce
1069575	21/06/2011	519888	7089162	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Wet	Poor	Dwarf Birch
1069576	21/06/2011	519890	7089110	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Sand	Subtle Slope	C	40	Damp	Good	White Spruce
1069577	21/06/2011	519888	7089058	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Pronounced Slope	C	40	Damp	Good	White Spruce
1069578	21/06/2011	519886	7089008	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Sand	Pronounced Slope	C	40	Dry	Good	White Spruce
1069579	21/06/2011	519883	7088958	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Sand	Pronounced Slope	B	30	Dry	Good	White Spruce
1069580	21/06/2011	519887	7088909	UTMZ7N_NAD83	Needle Cover	Light Brown	Sand	Pronounced Slope	C	30	Dry	Good	White Spruce
1069830	19/06/2011	520491	7080913	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Steep	C	50	Dry	Good	Old Burn
1069831	19/06/2011	520527	7080876	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Good	Old Burn
1069832	19/06/2011	520568	7080847	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	Old Burn
1069833	19/06/2011	520610	7080818	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	30	Dry	Good	Old Burn
1069834	19/06/2011	520655	7080796	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Sand	Flat	C	20	Dry	Good	Old Burn
1069840	21/06/2011	521115	7091403	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Good	Dwarf Birch
1069585	21/06/2011	519893	7088859	UTMZ7N_NAD83	Needle Cover	Dark Grey Black	Sand	Pronounced Slope	B	50	Wet	Good	White Spruce
1069601	21/06/2011	519830	7090563	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	C	50	Damp	Good	Black Spruce
1069602	21/06/2011	519879	7090552	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	C	40	Damp	Good	Willows
1069603	21/06/2011	519926	7090534	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Clay	Pronounced Slope	C	40	Damp	Good	Willows
1069604	21/06/2011	519972	7090517	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	Willows
1069605	21/06/2011	520019	7090499	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Sand	Subtle Slope	C	30	Damp	Good	Willows
1069606	21/06/2011	520061	7090471	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Clay	Subtle Slope	C	30	Damp	Good	Willows
1069607	21/06/2011	520108	7090456	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Subtle Slope	C	30	Damp	Good	Willows
1069608	21/06/2011	520157	7090443	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Sand	Subtle Slope	C	30	Damp	Good	Black Spruce
1069609	21/06/2011	520258	7090455	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	Black Spruce
1069610	21/06/2011	520304	7090474	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	C	40	Damp	Good	Willows
1069611	21/06/2011	520352	7090490	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Clay	Pronounced Slope	C	40	Damp	Good	Black Spruce
1069612	21/06/2011	520399	7090509	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	C	40	Damp	Good	Black Spruce
1069613	21/06/2011	520449	7090516	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Clay	Subtle Slope	C	60	Damp	Good	Black Spruce
1069614	21/06/2011	520547	7090535	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	30	Wet	Poor	Black Spruce
1069615	21/06/2011	520693	7090575	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Sand	Pronounced Slope	C	30	Damp	Good	Black Spruce
1069616	21/06/2011	520596	7090550	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	30	Wet	Poor	Black Spruce
1069617	21/06/2011	520742	7090585	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Clay	Subtle Slope	C	30	Damp	Good	Black Spruce
1069618	21/06/2011	520792	7090586	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Good	Black Spruce
1069619	21/06/2011	520843	7090593	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Sand	Subtle Slope	C	40	Damp	Good	Black Spruce
1069620	21/06/2011	520893	7090601	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Black Spruce
1069621	21/06/2011	520943	7090609	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Black Spruce
1069622	21/06/2011	520993	7090612	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Sand	Pronounced Slope	C	40	Damp	Good	Black Spruce
1069623	21/06/2011	521044	7090606	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	Black Spruce
1069624	21/06/2011	521093	7090595	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	C	60	Wet	Good	Black Spruce
1069625	21/06/2011	521193	7090599	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	C	40	Damp	Good	Black Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1069626	21/06/2011	521143	7090596	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	Black Spruce
1069628	21/06/2011	521244	7090590	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Good	Black Spruce
1069629	21/06/2011	521294	7090587	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Good	Black Spruce
1069630	21/06/2011	521344	7090592	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	C	40	Damp	Good	Black Spruce
1069651	19/06/2011	517455	7084085	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1069652	19/06/2011	517479	7084042	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Flat	B	20	Damp	Good	Old Burn
1069653	19/06/2011	517497	7083996	UTMZ7N_NAD83	Grass Cover	Reddish Brown	Sand	Subtle Slope	B	20	Damp	Poor	Old Burn
1069654	19/06/2011	517516	7083951	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Subtle Slope	C	20	Dry	Good	Old Burn
1069655	19/06/2011	517542	7083908	UTMZ7N_NAD83	Grass Cover	Reddish Brown	Sand	Subtle Slope	B	20	Dry	Good	Old Burn
1069656	19/06/2011	517520	7083863	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1069658	19/06/2011	517539	7083817	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Excellent	Old Burn
1069659	19/06/2011	517560	7083772	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Damp	Poor	Old Burn
1069660	19/06/2011	517597	7083738	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Subtle Slope	C	90	Damp	Good	Old Burn
1069661	19/06/2011	517628	7083699	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Old Burn
1069662	19/06/2011	517664	7083665	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1069663	19/06/2011	517689	7083622	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Flat	B	10	Damp	Good	Old Burn
1069664	19/06/2011	517710	7083577	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Flat	C	10	Damp	Good	Old Burn
1069665	19/06/2011	517737	7083534	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	B	10	Dry	Good	Old Burn
1069666	19/06/2011	517761	7083490	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	B	10	Damp	Poor	Old Burn
1069667	19/06/2011	517780	7083444	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Damp	Poor	Old Burn
1069668	19/06/2011	517815	7083409	UTMZ7N_NAD83	Grass Cover	Reddish Brown	Sand	Subtle Slope	B	10	Damp	Good	Old Burn
1069669	19/06/2011	517859	7083384	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Dry	Poor	Old Burn
1069670	19/06/2011	517886	7083342	UTMZ7N_NAD83	Grass Cover	Reddish Orange	Sand	Subtle Slope	B	10	Damp	Good	Old Burn
1069671	19/06/2011	517897	7083294	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	B	20	Damp	Good	Old Burn
1069672	19/06/2011	517926	7083253	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	B	30	Dry	Good	Old Burn
1069673	19/06/2011	517952	7083210	UTMZ7N_NAD83	Grass Cover	Reddish Orange	Sand	Subtle Slope	B	20	Dry	Good	Old Burn
1069674	19/06/2011	517989	7083178	UTMZ7N_NAD83	Grass Cover	Reddish Orange	Sand	Subtle Slope	B	10	Dry	Good	Old Burn
1069675	19/06/2011	518011	7083133	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	B	20	Dry	Good	Old Burn
1069676	19/06/2011	518040	7083093	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Damp	Good	Old Burn
1069677	19/06/2011	518059	7083047	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1069678	19/06/2011	518085	7083005	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	B	20	Dry	Good	Old Burn
1069679	19/06/2011	518106	7082960	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	90	Dry	Excellent	Old Burn
1069680	19/06/2011	518136	7082922	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1069681	19/06/2011	518170	7082885	UTMZ7N_NAD83	Grass Cover	Reddish Orange	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1069682	19/06/2011	518197	7082845	UTMZ7N_NAD83	Grass Cover	Reddish Orange	Sand	Subtle Slope	B	30	Dry	Good	Old Burn
1069683	19/06/2011	518232	7082809	UTMZ7N_NAD83	Grass Cover	Reddish Orange	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1069801	19/06/2011	519555	7081803	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Sand	Subtle Slope	C	60	Dry	Excellent	Old Burn
1069802	19/06/2011	519597	7081777	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1069803	19/06/2011	519639	7081752	UTMZ7N_NAD83	Bare Soil	Yellow	Sand	Flat	C	50	Dry	Good	Old Burn
1069804	19/06/2011	519678	7081721	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Sand	Flat	C	40	Dry	Good	Old Burn
1069805	19/06/2011	519717	7081689	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Sand	Flat	C	40	Dry	Good	Old Burn
1069806	19/06/2011	519763	7081667	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Sand	Flat	C	40	Dry	Good	Old Burn
1069807	19/06/2011	519806	7081640	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Sand	Flat	C	60	Dry	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1069808	19/06/2011	519844	7081608	UTMZ7N_NAD83	Bare Soil	Bluish Grey	Sand	Flat	C	50	Damp	Good	Old Burn
1069809	19/06/2011	519885	7081580	UTMZ7N_NAD83	Bare Soil	Bluish Grey	Sand	Flat	C	50	Dry	Good	Old Burn
1069810	19/06/2011	519928	7081553	UTMZ7N_NAD83	Bare Soil	Bluish Grey	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1069811	19/06/2011	519967	7081522	UTMZ7N_NAD83	Bare Soil	Bluish Grey	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1069812	19/06/2011	519979	7081474	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	40	Dry	Good	Old Burn
1069813	19/06/2011	519995	7081427	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Sand	Flat	C	40	Dry	Good	Old Burn
1069814	19/06/2011	520006	7081376	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	50	Damp	Good	Old Burn
1069815	19/06/2011	520018	7081328	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	40	Dry	Good	Old Burn
1069816	19/06/2011	520033	7081280	UTMZ7N_NAD83	Bare Soil	Greyish Green	Sand	Flat	C	40	Damp	Excellent	Old Burn
1069817	19/06/2011	520049	7081233	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1069818	19/06/2011	520061	7081183	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1069819	19/06/2011	520070	7081134	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1069820	19/06/2011	520089	7081088	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1069821	19/06/2011	520137	7081073	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1069822	19/06/2011	520187	7081062	UTMZ7N_NAD83	Bare Soil	Greyish Green	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1069823	19/06/2011	520228	7081033	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	30	Dry	Good	Old Burn
1069824	19/06/2011	520260	7080994	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1069825	19/06/2011	520301	7080963	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1069827	19/06/2011	520347	7080945	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1069828	19/06/2011	520392	7080923	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Pronounced Slope	C	50	Dry	Good	Old Burn
1069829	19/06/2011	520442	7080924	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Steep	C	40	Dry	Good	Old Burn
1069841	21/06/2011	521153	7091436	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Black Spruce
1069842	21/06/2011	521163	7091487	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Black Spruce
1069843	21/06/2011	521192	7091530	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1069844	21/06/2011	521213	7091578	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	Dwarf Birch
1069845	21/06/2011	521237	7091624	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	Black Spruce
1069846	21/06/2011	521254	7091673	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	70	Damp	Excellent	Black Spruce
1069848	21/06/2011	521267	7091720	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Black Spruce
1069849	21/06/2011	521271	7091774	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Good	Black Spruce
1069850	21/06/2011	521280	7091826	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Good	Black Spruce
1069851	19/06/2011	520692	7080772	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	C	70	Damp	Good	Old Burn
1069852	19/06/2011	520736	7080748	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Steep	O	90	Damp	Excellent	Old Burn
1069853	19/06/2011	520774	7080715	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Sand	Pronounced Slope	C	40	Damp	Excellent	Old Burn
1069854	19/06/2011	520814	7080683	UTMZ7N_NAD83	Burnt Moss	Light Bluish Grey	Sand	Pronounced Slope	C	100	Damp	Excellent	Old Burn
1069855	19/06/2011	520848	7080648	UTMZ7N_NAD83	Thin Moss Cover	Dark Grey Black	Sand	Subtle Slope	C	100	Damp	Excellent	Old Burn
1069856	19/06/2011	520889	7080616	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Old Burn
1069857	19/06/2011	520927	7080583	UTMZ7N_NAD83	Thin Moss Cover	Dark Grey Black	Sand	Steep	C	90	Damp	Excellent	Old Burn
1069858	19/06/2011	520965	7080555	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	C	50	Damp	Good	Old Burn
1069859	19/06/2011	521003	7080517	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Sand	Steep	C	60	Damp	Excellent	Old Burn
1069860	19/06/2011	521042	7080485	UTMZ7N_NAD83	Burnt Moss	Light Bluish Grey	Sand	Steep	C	80	Damp	Excellent	Old Burn
1069861	19/06/2011	521081	7080453	UTMZ7N_NAD83	Needle Cover	Chocolate Brown	Sand	Pronounced Slope	C	90	Damp	Good	Old Burn
1069862	19/06/2011	521119	7080420	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	C	50	Damp	Good	Poplar
1069863	19/06/2011	521155	7080388	UTMZ7N_NAD83	Needle Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Poplar

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1069864	19/06/2011	521196	7080356	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Sand	Subtle Slope	C	40	Damp	Good	Poplar
1069865	19/06/2011	521227	7080319	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Poplar
1069866	19/06/2011	521275	7080294	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	50	Damp	Good	Poplar
1069867	19/06/2011	521315	7080262	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	C	40	Damp	Good	Poplar
1069868	19/06/2011	521347	7080224	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	C	40	Damp	Good	Poplar
1069869	19/06/2011	521400	7080199	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Good	Poplar
1069870	19/06/2011	521450	7080183	UTMZ7N_NAD83	Thin Moss Cover	Dark Blue Black	Sand	Steep	C	50	Damp	Good	Poplar
1069871	19/06/2011	521492	7080155	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Poplar
1069872	19/06/2011	521541	7080136	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Excellent	Poplar
1069873	19/06/2011	521587	7080144	UTMZ7N_NAD83	Thin Moss Cover	Reddish Orange	Sand	Pronounced Slope	C	50	Damp	Excellent	Poplar
1069874	19/06/2011	521636	7080150	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Poplar
1069875	19/06/2011	521685	7080155	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Pronounced Slope	C	40	Damp	Good	Poplar
1069876	19/06/2011	521736	7080168	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Poplar
1069877	19/06/2011	521785	7080173	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Poplar
1069878	19/06/2011	521836	7080179	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Poplar
1069879	19/06/2011	521886	7080186	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Birch Forest
1069880	19/06/2011	521935	7080190	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	90	Damp	Excellent	Poplar
1069881	19/06/2011	521984	7080195	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	80	Damp	Excellent	Poplar
1069951	19/06/2011	518276	7082718	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1069952	19/06/2011	518314	7082681	UTMZ7N_NAD83	Bare Soil	Reddish Orange	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1069953	19/06/2011	518351	7082645	UTMZ7N_NAD83	Thin Moss Cover	Reddish Orange	Sand	Pronounced Slope	C	40	Damp	Good	Old Burn
1069954	19/06/2011	518383	7082604	UTMZ7N_NAD83	Thin Moss Cover	Reddish Orange	Sand	Pronounced Slope	C	30	Damp	Good	Old Burn
1069955	19/06/2011	518418	7082565	UTMZ7N_NAD83	Thin Moss Cover	Reddish Orange	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1069956	19/06/2011	518456	7082523	UTMZ7N_NAD83	Thin Moss Cover	Reddish Orange	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1069957	19/06/2011	518490	7082484	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1069958	19/06/2011	518526	7082445	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1069959	19/06/2011	518562	7082409	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1069960	19/06/2011	518600	7082372	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1069961	19/06/2011	518641	7082337	UTMZ7N_NAD83	Bare Soil	Reddish Orange	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1069962	19/06/2011	518686	7082308	UTMZ7N_NAD83	Thin Moss Cover	Reddish Orange	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1069963	19/06/2011	518729	7082276	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1069964	19/06/2011	519269	7081945	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Clay	Subtle Slope	C	50	Damp	Good	Old Burn
1069965	19/06/2011	518771	7082244	UTMZ7N_NAD83	Grass Cover	Grey	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1069966	19/06/2011	518812	7082211	UTMZ7N_NAD83	Bare Soil	Light Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1069967	19/06/2011	518852	7082176	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1069968	19/06/2011	518894	7082141	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1069969	19/06/2011	518937	7082108	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1069970	19/06/2011	518983	7082079	UTMZ7N_NAD83	Burnt Moss	Reddish Orange	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1069971	19/06/2011	519028	7082051	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1069972	19/06/2011	519076	7082028	UTMZ7N_NAD83	Needle Cover	Reddish Orange	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1069973	19/06/2011	519125	7082007	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1069974	19/06/2011	519171	7081986	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Clay	Subtle Slope	C	40	Damp	Good	Old Burn
1069975	19/06/2011	519220	7081966	UTMZ7N_NAD83	Bare Soil	Light Brown	Clay	Subtle Slope	C	30	Damp	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1069976	19/06/2011	519319	7081924	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Clay	Subtle Slope	C	30	Damp	Good	Old Burn
1069977	19/06/2011	519366	7081897	UTMZ7N_NAD83	Bare Soil	Light Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1069978	19/06/2011	519414	7081876	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Clay	Subtle Slope	C	30	Damp	Good	Old Burn
1069979	19/06/2011	519463	7081857	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Clay	Subtle Slope	C	30	Damp	Good	Old Burn
1069980	19/06/2011	519508	7081833	UTMZ7N_NAD83	Burnt Moss	Reddish Orange	Clay	Subtle Slope	C	30	Damp	Good	Old Burn
1069985	19/06/2011	519504	7085617	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1069986	19/06/2011	519517	7085567	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	Old Burn
1069987	19/06/2011	519534	7085520	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Old Burn
1069988	19/06/2011	519562	7085478	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1069989	19/06/2011	519591	7085437	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Old Burn
1069990	19/06/2011	519622	7085399	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1069991	19/06/2011	519655	7085360	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1069992	19/06/2011	519678	7085315	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	C	50	Damp	Good	Old Burn
1069993	19/06/2011	519689	7085263	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Old Burn
1069994	19/06/2011	519721	7085222	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1069995	19/06/2011	519740	7085177	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1069996	19/06/2011	519774	7085139	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1069997	19/06/2011	519801	7085096	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Black Spruce
1069998	19/06/2011	519820	7085048	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Pronounced Slope	C	30	Damp	Good	Poplar
1069999	19/06/2011	519863	7085021	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	C	50	Damp	Good	White Spruce
1070000	19/06/2011	519856	7084970	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Subtle Slope	B	60	Damp	Poor	Black Spruce
1087051	29/06/2011	523835	7091419	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	Black Spruce
1087052	29/06/2011	523844	7091470	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Black Spruce
1087053	29/06/2011	523841	7091521	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1087054	29/06/2011	523817	7091566	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1087055	29/06/2011	523810	7091618	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Black Spruce
1087056	29/06/2011	523805	7091668	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1087057	29/06/2011	523850	7091696	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1087058	29/06/2011	523900	7091706	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Damp	Good	Willows
1087059	29/06/2011	523938	7091736	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1087060	29/06/2011	523985	7091752	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Willows
1087061	29/06/2011	524031	7091774	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1087062	29/06/2011	524075	7091796	UTMZ7N_NAD83	Thin Moss Cover	Dark Grey Black	Sand	Subtle Slope	C	50	Damp	Good	Willows
1087063	29/06/2011	524122	7091815	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Damp	Good	Willows
1087064	29/06/2011	524167	7091849	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1087065	29/06/2011	524179	7091901	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Willows
1087066	29/06/2011	524183	7091952	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Good	Willows
1087067	29/06/2011	524192	7092003	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Poor	Black Spruce
1087068	29/06/2011	524203	7092052	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Poor	Black Spruce
1087069	29/06/2011	524213	7092101	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Black Spruce
1087070	29/06/2011	524219	7092151	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1087071	29/06/2011	524222	7092202	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1087072	29/06/2011	524232	7092250	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1087073	29/06/2011	524231	7092300	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	40	Damp	Good	Dwarf Birch
1087074	29/06/2011	524238	7092354	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Flat	C	40	Wet	Poor	Black Spruce
1087075	29/06/2011	524247	7092399	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Flat	C	80	Damp	Excellent	Black Spruce
1087076	29/06/2011	524248	7092450	UTMZ7N_NAD83	Thin Moss Cover	Dark Grey Black	Sand	Flat	C	60	Damp	Good	Black Spruce
1087077	29/06/2011	524259	7092499	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	60	Damp	Good	Black Spruce
1087078	29/06/2011	524266	7092550	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Black Spruce
1087079	29/06/2011	524265	7092597	UTMZ7N_NAD83	Thin Moss Cover	Dark Blue Black	Sand	Subtle Slope	C	60	Damp	Good	Dwarf Birch
1087080	29/06/2011	524280	7092651	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	60	Wet	Good	Willows
1087081	29/06/2011	524281	7092695	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	60	Damp	Good	Black Spruce
1087083	30/06/2011	521190	7094988	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	60	Damp	Good	Willows
1087084	30/06/2011	521218	7094951	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1087085	30/06/2011	521248	7094908	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1087086	30/06/2011	521270	7094862	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Flat	C	50	Damp	Good	Willows
1095127	28/06/2011	524650	7088967	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Flat	C	40	Dry	Good	No Tree Cover
1095128	28/06/2011	524636	7089016	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Flat	C	30	Dry	Poor	Willows
1095129	28/06/2011	524630	7089066	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Flat	B	40	Dry	Good	Willows
1095130	28/06/2011	524627	7089117	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Good	White Spruce
1095131	28/06/2011	524613	7089164	UTMZ7N_NAD83	Thin Moss Cover	Grey	Silt	Flat	B	40	Dry	Good	White Spruce
1095132	28/06/2011	524597	7089219	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	B	40	Damp	Good	White Spruce
1095133	28/06/2011	524587	7089258	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Good	White Spruce
1095134	28/06/2011	524563	7089305	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Subtle Slope	C	50	Dry	Good	White Spruce
1095135	28/06/2011	524548	7089351	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Flat	C	60	Damp	Good	White Spruce
1095136	28/06/2011	524535	7089400	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Dry	Good	White Spruce
1095137	28/06/2011	524522	7089447	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Damp	Poor	No Tree Cover
1094001	28/06/2011	524345	7090394	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Subtle Slope	B	50	Damp	Good	White Spruce
1094002	28/06/2011	524344	7090343	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Willows
1094003	28/06/2011	524346	7090292	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	White Spruce
1094004	28/06/2011	524346	7090244	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1094005	28/06/2011	524348	7090195	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Willows
1094006	28/06/2011	524347	7090144	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1094007	28/06/2011	524350	7090093	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1094008	28/06/2011	524351	7090045	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1094009	28/06/2011	524352	7089994	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1095001	26/06/2011	528577	7092932	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Good	Old Burn
1095002	26/06/2011	528530	7092909	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1095003	26/06/2011	528488	7092881	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Excellent	Old Burn
1095004	26/06/2011	528445	7092856	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	80	Damp	Excellent	Old Burn
1095005	26/06/2011	528403	7092829	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1095006	26/06/2011	528360	7092802	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1095007	26/06/2011	528318	7092774	UTMZ7N_NAD83	Bare Soil	Light Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1095008	26/06/2011	528274	7092749	UTMZ7N_NAD83	Bare Soil	Grey	Sand	Subtle Slope	C	70	Damp	Good	Old Burn
1095009	26/06/2011	528226	7092727	UTMZ7N_NAD83	Bare Soil	Reddish Orange	Sand	Subtle Slope	C	90	Damp	Good	Old Burn
1095010	26/06/2011	528182	7092708	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1095011	26/06/2011	528144	7092676	UTMZ7N_NAD83	Bare Soil	Dark Olivine Green	Sand	Subtle Slope	C	110	Damp	Excellent	Old Burn
1095012	26/06/2011	528098	7092654	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1095013	26/06/2011	528056	7092628	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	70	Damp	Good	Old Burn
1095014	26/06/2011	528017	7092595	UTMZ7N_NAD83	Burnt Moss	Greyish Green	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1095015	26/06/2011	527969	7092579	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1095016	26/06/2011	527928	7092549	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1095017	26/06/2011	527885	7092518	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1095018	26/06/2011	527835	7092494	UTMZ7N_NAD83	Burnt Moss	Greyish Green	Sand	Subtle Slope	C	70	Dry	Good	Old Burn
1095019	26/06/2011	527782	7092487	UTMZ7N_NAD83	Burnt Moss	Reddish Orange	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1095020	26/06/2011	527736	7092472	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1095021	26/06/2011	527687	7092449	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1095022	26/06/2011	527641	7092442	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1095023	26/06/2011	527593	7092428	UTMZ7N_NAD83	Burnt Moss	Dark Olivine Green	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1095024	26/06/2011	527543	7092419	UTMZ7N_NAD83	Burnt Moss	Reddish Orange	Sand	Subtle Slope	C	90	Dry	Excellent	Old Burn
1095025	26/06/2011	527496	7092402	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1095026	26/06/2011	527449	7092385	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1095027	26/06/2011	527401	7092371	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1095028	26/06/2011	527352	7092358	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1095029	26/06/2011	527302	7092349	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1095030	26/06/2011	527257	7092331	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1095031	26/06/2011	527208	7092315	UTMZ7N_NAD83	Burnt Moss	Reddish Orange	Sand	Subtle Slope	C	60	Dry	Good	Old Burn
1095032	26/06/2011	527157	7092300	UTMZ7N_NAD83	Burnt Moss	Dark Olivine Green	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1095034	27/06/2011	534289	7088965	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1095035	27/06/2011	534245	7088982	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1095036	27/06/2011	534195	7089008	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1095037	27/06/2011	534150	7089035	UTMZ7N_NAD83	Burnt Moss	Grey	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1095038	27/06/2011	534103	7089054	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1095039	27/06/2011	534061	7089081	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1095040	27/06/2011	534016	7089105	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1095041	27/06/2011	533967	7089120	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	80	Dry	Excellent	Old Burn
1095042	27/06/2011	533925	7089145	UTMZ7N_NAD83	Burnt Moss	Grey	Sand	Subtle Slope	C	90	Dry	Excellent	Old Burn
1095043	27/06/2011	533882	7089171	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1095044	27/06/2011	533840	7089197	UTMZ7N_NAD83	Burnt Moss	Greyish Green	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1095045	27/06/2011	533793	7089217	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	60	Dry	Good	Old Burn
1095046	27/06/2011	533748	7089241	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Old Burn
1095047	27/06/2011	533702	7089261	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	C	80	Damp	Good	Old Burn
1095048	27/06/2011	533656	7089280	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1095049	27/06/2011	533612	7089304	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1095050	27/06/2011	533571	7089333	UTMZ7N_NAD83	Burnt Moss	Reddish Orange	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1095051	26/06/2011	527073	7090807	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	C	50	Wet	Good	Old Burn
1095052	26/06/2011	527051	7090847	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Flat	C	80	Dry	Good	Old Burn
1095053	26/06/2011	527024	7090891	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Flat	C	70	Dry	Good	Old Burn
1095054	26/06/2011	527004	7090938	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Flat	C	90	Dry	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1095055	26/06/2011	526975	7090977	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Flat	C	70	Dry	Good	Old Burn
1095056	26/06/2011	526952	7091016	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1095057	26/06/2011	526930	7091068	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Silt	Subtle Slope	C	60	Dry	Good	Old Burn
1095058	26/06/2011	526903	7091110	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1095059	26/06/2011	526878	7091151	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1095060	26/06/2011	526853	7091198	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	80	Dry	Good	Old Burn
1095061	26/06/2011	526824	7091238	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	60	Dry	Good	Old Burn
1095062	26/06/2011	526802	7091283	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	60	Dry	Excellent	Old Burn
1095064	26/06/2011	526782	7091327	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1095065	26/06/2011	526755	7091369	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1095066	26/06/2011	526728	7091414	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1095067	26/06/2011	526704	7091462	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1095068	26/06/2011	526707	7091518	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Silt	Subtle Slope	C	60	Dry	Good	Old Burn
1095069	26/06/2011	526731	7091568	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1095070	26/06/2011	526757	7091617	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1095071	26/06/2011	526769	7091668	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Old Burn
1095072	26/06/2011	526786	7091713	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1095073	26/06/2011	526809	7091758	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1095074	26/06/2011	526814	7091811	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	C	30	Dry	Good	Black Spruce
1095075	26/06/2011	526833	7091856	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Flat	C	70	Dry	Good	Old Burn
1095076	26/06/2011	526842	7091906	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	C	50	Dry	Good	Old Burn
1095077	26/06/2011	526856	7091954	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Flat	C	50	Dry	Good	Old Burn
1095078	26/06/2011	526882	7091997	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Flat	C	60	Dry	Good	Old Burn
1095079	26/06/2011	526892	7092049	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	C	60	Dry	Good	Old Burn
1095080	27/06/2011	532404	7092340	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1095081	27/06/2011	532398	7092390	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1095082	27/06/2011	532397	7092441	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Poor	Old Burn
1095083	27/06/2011	532390	7092489	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	C	40	Dry	Good	Old Burn
1095084	27/06/2011	532390	7092537	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	C	40	Dry	Good	Old Burn
1095085	26/06/2011	526905	7092096	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Flat	C	80	Dry	Good	Old Burn
1095087	26/06/2011	527099	7090763	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Wet	Good	Old Burn
1095088	27/06/2011	532412	7092288	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1095089	27/06/2011	532415	7092240	UTMZ7N_NAD83	Burnt Moss	Grey	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1095090	27/06/2011	532423	7092190	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1095091	27/06/2011	532422	7092140	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1095092	27/06/2011	532434	7092091	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1095093	27/06/2011	532440	7092042	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1095094	27/06/2011	532445	7091994	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1095095	27/06/2011	532453	7091942	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1095096	27/06/2011	532460	7091894	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1095097	27/06/2011	532460	7091842	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Silt	Subtle Slope	B	40	Dry	Good	Old Burn
1095098	27/06/2011	532464	7091792	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Silt	Subtle Slope	B	40	Dry	Good	Old Burn
1095099	27/06/2011	532470	7091745	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Clay	Subtle Slope	B	50	Damp	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1095100	27/06/2011	532484	7091693	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Poor	Old Burn
1095101	27/06/2011	532489	7091643	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	B	30	Dry	Good	White Spruce
1095102	27/06/2011	532495	7091594	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Flat	C	70	Dry	Good	White Spruce
1095104	27/06/2011	532499	7091551	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Dry	Good	White Spruce
1095105	27/06/2011	532512	7091496	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Old Burn
1095106	27/06/2011	532515	7091441	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	C	50	Dry	Good	White Spruce
1095107	27/06/2011	532523	7091385	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	White Spruce
1095108	27/06/2011	532540	7091273	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	C	50	Dry	Good	Old Burn
1095109	27/06/2011	532550	7091224	UTMZ7N_NAD83	Burnt Moss	Grey	Silt	Subtle Slope	B	70	Wet	Good	Old Burn
1095110	27/06/2011	532547	7091173	UTMZ7N_NAD83	Burnt Moss	Grey	Silt	Subtle Slope	B	50	Wet	Good	Old Burn
1095111	27/06/2011	532561	7091075	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Black Spruce
1095112	27/06/2011	532573	7091025	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	80	Damp	Good	White Spruce
1095113	28/06/2011	524822	7088361	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Dry	Poor	No Tree Cover
1095114	28/06/2011	524814	7088414	UTMZ7N_NAD83	Thin Moss Cover	Grey	Clay	Pronounced Slope	B	50	Dry	Good	No Tree Cover
1095115	28/06/2011	524802	7088464	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	40	Dry	Good	No Tree Cover
1095116	28/06/2011	524775	7088511	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	B	50	Dry	Good	No Tree Cover
1095117	27/06/2011	532550	7091119	UTMZ7N_NAD83	Thin Moss Cover	Grey	Silt	Subtle Slope	B	50	Damp	Good	Black Spruce
1095118	27/06/2011	532534	7091334	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1095119	28/06/2011	524776	7088566	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1095120	28/06/2011	524756	7088619	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	No Tree Cover
1095121	28/06/2011	524745	7088674	UTMZ7N_NAD83	Thin Moss Cover	Grey	Silt	Flat	B	40	Damp	Good	No Tree Cover
1095122	28/06/2011	524700	7088712	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Flat	C	60	Damp	Good	No Tree Cover
1095123	28/06/2011	524672	7088761	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Dry	Good	No Tree Cover
1095124	28/06/2011	524666	7088815	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Dry	Good	No Tree Cover
1095125	28/06/2011	524667	7088870	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Silt	Flat	B	30	Dry	Good	No Tree Cover
1095126	28/06/2011	524661	7088918	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Dry	Good	No Tree Cover
1095138	28/06/2011	524506	7089497	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Flat	C	50	Dry	Excellent	No Tree Cover
1095140	28/06/2011	524482	7089541	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Flat	C	30	Dry	Good	No Tree Cover
1095141	28/06/2011	524463	7089587	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Good	No Tree Cover
1095142	28/06/2011	524448	7089636	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Good	No Tree Cover
1095143	28/06/2011	524421	7089732	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Good	White Spruce
1095144	28/06/2011	524402	7089778	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	White Spruce
1095145	28/06/2011	524379	7089819	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Good	White Spruce
1095146	28/06/2011	524357	7089867	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	60	Dry	Excellent	White Spruce
1095147	29/06/2011	524391	7092721	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Silt	Flat	C	70	Dry	Good	Black Spruce
1095148	29/06/2011	524347	7092756	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Dry	Good	Black Spruce
1095149	29/06/2011	524297	7092768	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	70	Damp	Good	Black Spruce
1095150	28/06/2011	524429	7089682	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Dry	Poor	White Spruce
1095151	29/06/2011	524252	7092794	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	C	50	Dry	Good	Black Spruce
1095152	29/06/2011	524209	7092818	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Flat	C	100	Dry	Excellent	Black Spruce
1095153	29/06/2011	524166	7092845	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Black Spruce
1095154	29/06/2011	524131	7092880	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	80	Damp	Good	Black Spruce
1095155	29/06/2011	524101	7092918	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	C	50	Dry	Good	Dwarf Birch

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1095156	29/06/2011	524064	7092954	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Black Spruce
1095157	29/06/2011	524028	7092989	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Black Spruce
1095158	29/06/2011	524002	7093030	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Black Spruce
1095159	29/06/2011	523966	7093065	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	80	Dry	Good	Black Spruce
1095160	29/06/2011	523927	7093101	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Black Spruce
1095161	29/06/2011	523898	7093135	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	80	Damp	Good	Black Spruce
1095162	29/06/2011	523868	7093177	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Black Spruce
1095163	29/06/2011	523834	7093214	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Good	Black Spruce
1095164	29/06/2011	523798	7093252	UTMZ7N_NAD83	Thin Moss Cover	Reddish Orange	Sand	Subtle Slope	C	80	Dry	Excellent	Black Spruce
1095165	29/06/2011	523764	7093292	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	50	Dry	Good	Black Spruce
1095166	29/06/2011	523731	7093323	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Black Spruce
1095167	29/06/2011	523701	7093362	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Black Spruce
1095168	29/06/2011	523659	7093396	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Poor	Black Spruce
1095169	29/06/2011	523627	7093433	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Black Spruce
1095170	29/06/2011	523592	7093471	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Black Spruce
1095171	29/06/2011	523563	7093503	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Pronounced Slope	B	60	Damp	Good	Black Spruce
1095172	29/06/2011	523529	7093551	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Steep	C	50	Dry	Poor	Black Spruce
1095173	29/06/2011	523492	7093579	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Steep	C	50	Dry	Good	Black Spruce
1095174	30/06/2011	522680	7095688	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	C	60	Dry	Good	Black Spruce
1095175	30/06/2011	522700	7095638	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Black Spruce
1095176	30/06/2011	522724	7095589	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	White Spruce
1095177	30/06/2011	522742	7095539	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	C	30	Dry	Poor	White Spruce
1095178	30/06/2011	522766	7095494	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Black Spruce
1095179	30/06/2011	522781	7095477	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	C	60	Dry	Good	Black Spruce
1095180	30/06/2011	522799	7095397	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	C	50	Dry	Good	Black Spruce
1095181	30/06/2011	522815	7095347	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	C	50	Dry	Good	Black Spruce
1095182	30/06/2011	522836	7095307	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Good	Black Spruce
1095187	30/06/2011	522857	7095260	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Black Spruce
1095188	30/06/2011	522877	7095213	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	C	60	Dry	Good	White Spruce
1095189	30/06/2011	522886	7095166	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	80	Damp	Good	Black Spruce
1095190	30/06/2011	522904	7095120	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Black Spruce
1095191	30/06/2011	522928	7095076	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Black Spruce
1095192	30/06/2011	522953	7095027	UTMZ7N_NAD83	Thin Moss Cover	Reddish Orange	Sand	Subtle Slope	C	50	Dry	Good	Black Spruce
1095193	30/06/2011	522968	7094983	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	C	50	Dry	Good	Black Spruce
1095194	30/06/2011	522977	7094935	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Sand	Subtle Slope	C	40	Damp	Good	Black Spruce
1095195	30/06/2011	522999	7094892	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Sand	Subtle Slope	C	60	Dry	Excellent	White Spruce
1095197	30/06/2011	523023	7094847	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Silt	Subtle Slope	C	40	Damp	Poor	Black Spruce
1095198	28/06/2011	524354	7089946	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1095200	28/06/2011	524353	7089896	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	50	Damp	Good	White Spruce
1095201	02/07/2011	525267	7088403	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Pronounced Slope	B	40	Wet	Good	No Tree Cover
1095202	02/07/2011	525263	7088456	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Pronounced Slope	B	50	Damp	Poor	Dwarf Birch
1095203	02/07/2011	525270	7088503	UTMZ7N_NAD83	Thin Moss Cover	Dark Grey Black	Sand	Pronounced Slope	B	50	Damp	Good	Dwarf Birch
1095204	02/07/2011	525266	7088556	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Pronounced Slope	B	70	Damp	Good	Willows

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1095205	02/07/2011	525270	7088606	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Pronounced Slope	B	50	Damp	Good	Willows
1095206	02/07/2011	525273	7088661	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Pronounced Slope	C	60	Wet	Good	Willows
1095207	02/07/2011	525268	7088707	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	70	Damp	Good	Willows
1095208	02/07/2011	525261	7088757	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Willows
1095209	02/07/2011	525267	7088808	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	70	Wet	Good	Willows
1095210	02/07/2011	525266	7088857	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Pronounced Slope	B	50	Wet	Poor	Willows
1095211	02/07/2011	525265	7088907	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Pronounced Slope	B	40	Damp	Good	Willows
1095212	02/07/2011	525257	7088957	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Willows
1095213	02/07/2011	525264	7089007	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Pronounced Slope	B	40	Damp	Poor	Willows
1095214	02/07/2011	525263	7089058	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Wet	Good	Willows
1095215	02/07/2011	525266	7089109	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	70	Wet	Good	Willows
1095216	02/07/2011	525263	7089160	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Pronounced Slope	C	40	Wet	Good	Willows
1095217	02/07/2011	525268	7089216	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	Willows
1095218	02/07/2011	525266	7089279	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Sand	Subtle Slope	B	40	Damp	Good	Willows
1095219	02/07/2011	525265	7089327	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1095220	02/07/2011	525267	7089380	UTMZ7N_NAD83	Grass Cover	Dark Brown	Clay	Subtle Slope	C	40	Wet	Good	Willows
1095221	02/07/2011	525266	7089435	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Clay	Subtle Slope	B	40	Damp	Good	Willows
1095222	02/07/2011	525262	7089487	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Good	Willows
1095223	02/07/2011	525264	7089543	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Good	Willows
1095224	02/07/2011	525264	7089597	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	B	40	Wet	Good	Willows
1095225	02/07/2011	525264	7089650	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Old Burn
1095226	02/07/2011	525258	7089708	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1095227	02/07/2011	525264	7089750	UTMZ7N_NAD83	Burnt Moss	Grey	Sand	Subtle Slope	B	50	Wet	Good	Old Burn
1095228	02/07/2011	525267	7089800	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Subtle Slope	B	40	Wet	Good	Black Spruce
1095229	02/07/2011	525260	7089851	UTMZ7N_NAD83	Burnt Moss	Grey	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1095230	02/07/2011	525267	7089902	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Clay	Subtle Slope	C	50	Damp	Good	Old Burn
1095251	28/06/2011	523229	7089603	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	Willows
1095252	28/06/2011	523217	7089648	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	Willows
1095253	28/06/2011	523203	7089696	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	Black Spruce
1095254	28/06/2011	523183	7089745	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Willows
1095255	28/06/2011	523177	7089791	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Willows
1095256	28/06/2011	523254	7089502	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	C	30	Wet	Poor	Dwarf Birch
1095257	28/06/2011	523144	7089831	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Good	Willows
1095258	28/06/2011	523114	7089875	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Poor	Willows
1095259	28/06/2011	523077	7089910	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Willows
1095260	28/06/2011	523044	7089948	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Clay	Subtle Slope	B	40	Wet	Good	Willows
1095261	28/06/2011	523021	7089996	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	White Spruce
1095262	28/06/2011	522990	7090029	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	White Spruce
1095264	28/06/2011	522962	7090071	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	White Spruce
1095265	28/06/2011	522931	7090107	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	White Spruce
1095266	28/06/2011	522898	7090146	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	White Spruce
1095267	28/06/2011	522869	7090189	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	White Spruce
1095268	28/06/2011	522839	7090227	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	20	Wet	Poor	White Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1095269	28/06/2011	522805	7090268	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Poor	White Spruce
1095270	28/06/2011	522770	7090306	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	Black Spruce
1095271	28/06/2011	522744	7090343	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	30	Damp	Good	Black Spruce
1095272	28/06/2011	522714	7090387	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Sand	Flat	C	50	Dry	Excellent	Black Spruce
1095273	30/06/2011	519748	7095705	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	No Tree Cover
1095274	30/06/2011	519791	7095679	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1095275	30/06/2011	519835	7095661	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	30	Wet	Good	Dwarf Birch
1095276	30/06/2011	519878	7095634	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1095277	30/06/2011	519922	7095605	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Wet	Good	Dwarf Birch
1095278	30/06/2011	519966	7095582	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Good	Dwarf Birch
1095279	30/06/2011	520013	7095560	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Poor	Willows
1095280	30/06/2011	520054	7095535	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	50	Wet	Poor	Willows
1095281	30/06/2011	520101	7095519	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Good	Willows
1095282	30/06/2011	520141	7095487	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	Willows
1095283	30/06/2011	520188	7095469	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Willows
1095284	30/06/2011	520229	7095440	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Excellent	Willows
1095285	30/06/2011	520277	7095419	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Good	Willows
1095286	30/06/2011	520318	7095394	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Willows
1095287	30/06/2011	520362	7095372	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Clay	Subtle Slope	C	50	Damp	Good	Willows
1095288	30/06/2011	520409	7095344	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Orange	Sand	Subtle Slope	C	40	Damp	Excellent	Willows
1095289	30/06/2011	520454	7095325	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Excellent	Willows
1095290	30/06/2011	520494	7095300	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	White Spruce
1095291	30/06/2011	520541	7095283	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Sand	Subtle Slope	C	30	Damp	Good	Willows
1095292	30/06/2011	520596	7095259	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Clay	Subtle Slope	C	60	Damp	Excellent	Willows
1095294	30/06/2011	520648	7095242	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Clay	Flat	C	60	Damp	Poor	Willows
1095295	30/06/2011	520695	7095220	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Flat	C	50	Dry	Excellent	Willows
1095296	30/06/2011	520742	7095200	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	60	Dry	Excellent	Willows
1095297	30/06/2011	520786	7095184	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Flat	B	20	Damp	Good	Willows
1095298	30/06/2011	520834	7095162	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Flat	C	30	Damp	Poor	Willows
1095299	30/06/2011	520876	7095140	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	50	Dry	Excellent	Willows
1095300	30/06/2011	520924	7095124	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Flat	C	50	Damp	Poor	Willows
1095401	01/07/2011	519039	7095661	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	60	Damp	Good	No Tree Cover
1095402	01/07/2011	519088	7095665	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1095403	01/07/2011	519180	7095650	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Poor	No Tree Cover
1095404	01/07/2011	519229	7095646	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Poor	No Tree Cover
1095405	01/07/2011	519261	7095605	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1095406	01/07/2011	519289	7095564	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	80	Damp	Poor	No Tree Cover
1095407	01/07/2011	519324	7095527	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	70	Damp	Good	Dwarf Birch
1095408	01/07/2011	519347	7095484	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Steep	B	70	Damp	Poor	No Tree Cover
1095409	01/07/2011	519379	7095436	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Steep	B	60	Damp	Poor	Dwarf Birch
1095410	01/07/2011	519417	7095400	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Steep	B	70	Damp	Poor	No Tree Cover
1095411	01/07/2011	519451	7095375	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Steep	C	60	Damp	Good	No Tree Cover
1095412	01/07/2011	519487	7095335	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Dwarf Birch

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1095413	01/07/2011	519516	7095297	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1095414	01/07/2011	519536	7095237	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Good	Dwarf Birch
1095415	01/07/2011	519569	7095194	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Good	Dwarf Birch
1095416	01/07/2011	519593	7095150	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Wet	Good	Willows
1095417	01/07/2011	519604	7095106	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1095418	01/07/2011	519623	7095050	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Dwarf Birch
1095419	01/07/2011	519647	7095008	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1095420	01/07/2011	519676	7094968	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1095421	01/07/2011	519695	7094924	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Orange	Sand	Subtle Slope	C	50	Damp	Excellent	Willows
1095422	01/07/2011	519715	7094877	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	50	Dry	Good	Willows
1095423	01/07/2011	519740	7094831	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1095424	01/07/2011	519765	7094785	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1095425	01/07/2011	519781	7094738	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Willows
1095426	01/07/2011	519804	7094694	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1095427	01/07/2011	519822	7094646	UTMZ7N_NAD83	Thin Moss Cover	Reddish Orange	Sand	Subtle Slope	C	50	Dry	Good	Willows
1095428	01/07/2011	519842	7094601	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	Willows
1095430	01/07/2011	519866	7094556	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Flat	C	70	Damp	Excellent	Willows
1095432	01/07/2011	519890	7094517	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	B	50	Damp	Good	Willows
1095451	02/07/2011	525364	7088401	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Willows
1095452	02/07/2011	525364	7088452	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	Willows
1095453	02/07/2011	525362	7088502	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	Willows
1095454	02/07/2011	525362	7088550	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Willows
1095455	02/07/2011	525362	7088602	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	White Spruce
1095456	02/07/2011	525361	7088651	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1095457	02/07/2011	525361	7088702	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	70	Damp	Good	No Tree Cover
1095458	02/07/2011	525360	7088752	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	60	Damp	Good	No Tree Cover
1095459	02/07/2011	525363	7088802	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Willows
1095460	02/07/2011	525363	7088852	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	No Tree Cover
1095461	02/07/2011	525357	7088902	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	White Spruce
1095462	02/07/2011	525359	7088951	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1095463	02/07/2011	525360	7089003	UTMZ7N_NAD83	Frost Boil	Light Bluish Grey	Clay	Subtle Slope	C	30	Damp	Good	No Tree Cover
1095464	02/07/2011	525357	7089053	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	No Tree Cover
1095465	02/07/2011	525354	7089104	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Willows
1095466	02/07/2011	525357	7089152	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	No Tree Cover
1095467	02/07/2011	525359	7089199	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	White Spruce
1095468	02/07/2011	525357	7089250	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Grey Black	Clay	Subtle Slope	B	30	Wet	Poor	White Spruce
1095469	02/07/2011	525359	7089300	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Willows
1095470	02/07/2011	525360	7089349	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	White Spruce
1095471	02/07/2011	525361	7089400	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	White Spruce
1095472	02/07/2011	525361	7089449	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	White Spruce
1095473	02/07/2011	525360	7089500	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Willows
1095474	02/07/2011	525363	7089551	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	B	20	Wet	Good	Old Burn
1095475	02/07/2011	525362	7089600	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	B	60	Wet	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1095476	02/07/2011	525363	7089650	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	Old Burn
1095477	02/07/2011	525362	7089698	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Good	Old Burn
1095478	02/07/2011	525362	7089750	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	B	50	Wet	Poor	Old Burn
1095479	02/07/2011	525363	7089800	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	Old Burn
1095481	02/07/2011	525363	7089851	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Old Burn
1095482	02/07/2011	525363	7089900	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	B	50	Wet	Good	Old Burn
1095951	29/06/2011	523777	7091672	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1095952	29/06/2011	523730	7091684	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	White Spruce
1095953	29/06/2011	523680	7091701	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1095954	29/06/2011	523632	7091713	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1095955	29/06/2011	523583	7091727	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	White Spruce
1095956	29/06/2011	523535	7091741	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	White Spruce
1095957	29/06/2011	523487	7091752	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	110	Damp	Good	Willows
1095958	29/06/2011	523450	7091790	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	White Spruce
1095959	29/06/2011	523420	7091828	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1095960	29/06/2011	523392	7091859	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1095961	29/06/2011	523352	7091900	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1095962	29/06/2011	523316	7091939	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Reddish Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1095963	29/06/2011	523284	7091975	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Excellent	White Spruce
1095964	29/06/2011	523253	7092013	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1095965	29/06/2011	523216	7092047	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	White Spruce
1095966	29/06/2011	523181	7092087	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	40	Damp	Good	White Spruce
1095967	29/06/2011	523150	7092124	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	White Spruce
1095968	29/06/2011	523130	7092170	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	C	40	Damp	Good	White Spruce
1095970	29/06/2011	523111	7092215	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Willows
1095971	29/06/2011	523095	7092264	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Good	White Spruce
1095972	29/06/2011	523074	7092309	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	B	50	Dry	Excellent	White Spruce
1095973	29/06/2011	523060	7092357	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Willows
1095974	29/06/2011	523040	7092402	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	White Spruce
1095975	29/06/2011	523024	7092451	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	White Spruce
1095976	29/06/2011	523003	7092497	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Willows
1095977	29/06/2011	522987	7092544	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	White Spruce
1095978	29/06/2011	522969	7092590	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	White Spruce
1095979	29/06/2011	522951	7092639	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	White Spruce
1095980	29/06/2011	522934	7092684	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	White Spruce
1095981	29/06/2011	522911	7092729	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Willows
1095982	29/06/2011	522897	7092776	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	40	Damp	Good	White Spruce
1095983	29/06/2011	522878	7092826	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	60	Wet	Poor	Willows
1112307	01/08/2011	523969	7081672	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Subtle Slope	O	30	Damp	Good	Birch Forest
1112308	01/08/2011	523921	7081685	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	30	Damp	Excellent	Willows
1112309	01/08/2011	523877	7081711	UTMZ7N_NAD83	Thin Moss Cover	Dark Blue Black	Sand	Subtle Slope	C	30	Dry	Good	Birch Forest
1112310	01/08/2011	523827	7081726	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Clay	Flat	C	20	Damp	Good	Willows
1112311	01/08/2011	523779	7081741	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	100	Damp	Excellent	Willows

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1112312	01/08/2011	523733	7081762	UTMZ7N_NAD83	Thin Moss Cover	Dark Blue Black	Clay	Subtle Slope	B	10	Damp	Good	Willows
1112313	01/08/2011	523698	7081802	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Damp	Good	Willows
1112314	01/08/2011	523665	7081841	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Excellent	Willows
1112315	01/08/2011	523633	7081881	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	B	20	Damp	Good	Willows
1112316	01/08/2011	523603	7081921	UTMZ7N_NAD83	Thin Moss Cover	Reddish Orange	Sand	Subtle Slope	C	60	Dry	Excellent	Willows
1112151	02/08/2011	526488	7079568	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Excellent	Poplar
1112152	02/08/2011	526485	7079516	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Birch Forest
1112153	02/08/2011	526479	7079467	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Excellent	Birch Forest
1112154	02/08/2011	526467	7079417	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Excellent	Birch Forest
1112155	02/08/2011	526464	7079367	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Poplar
1112156	02/08/2011	526460	7079318	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Sand	Subtle Slope	C	70	Dry	Excellent	Old Burn
1112157	02/08/2011	526455	7079268	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Sand	Subtle Slope	C	80	Dry	Excellent	Dwarf Birch
1112158	02/08/2011	526450	7079218	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1112159	02/08/2011	526442	7079169	UTMZ7N_NAD83	Thin Moss Cover	Reddish Orange	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1112160	02/08/2011	526438	7079119	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Subtle Slope	C	70	Dry	Excellent	Old Burn
1112161	02/08/2011	526423	7079074	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1112162	02/08/2011	526394	7079036	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1112163	02/08/2011	526358	7079000	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Steep	C	60	Dry	Excellent	Poplar
1112164	02/08/2011	526340	7078956	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Steep	C	30	Dry	Excellent	Poplar
1112165	02/08/2011	526223	7078980	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	C	40	Dry	Excellent	Poplar
1112166	02/08/2011	526220	7078919	UTMZ7N_NAD83	Rock Cover	Grey	Sand	Steep	C	30	Dry	Excellent	Poplar
1112301	01/08/2011	524242	7081538	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Good	Willows
1112302	01/08/2011	524194	7081556	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Subtle Slope	C	20	Dry	Excellent	Birch Forest
1112303	01/08/2011	524156	7081590	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Birch Forest
1112304	01/08/2011	524111	7081612	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Clay	Subtle Slope	B	10	Damp	Good	Birch Forest
1112305	01/08/2011	524064	7081632	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Excellent	Birch Forest
1112306	01/08/2011	524017	7081652	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	60	Damp	Excellent	Black Spruce
1112318	01/08/2011	523562	7081951	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Excellent	Black Spruce
1112319	01/08/2011	523525	7081985	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Dry	Good	Willows
1112320	01/08/2011	523487	7082018	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Sand	Subtle Slope	C	80	Dry	Excellent	Willows
1112321	01/08/2011	523450	7082054	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Clay	Subtle Slope	B	10	Damp	Excellent	Birch Forest
1112322	01/08/2011	523407	7082079	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Excellent	Birch Forest
1112323	01/08/2011	523366	7082110	UTMZ7N_NAD83	Thin Moss Cover	Reddish Orange	Sand	Subtle Slope	B	10	Dry	Good	Birch Forest
1112324	01/08/2011	523320	7082129	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Subtle Slope	C	20	Dry	Excellent	Birch Forest
1112325	01/08/2011	523274	7082149	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Birch Forest
1112326	01/08/2011	523228	7082174	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Excellent	Birch Forest
1112327	01/08/2011	523180	7082194	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Clay	Subtle Slope	B	20	Damp	Good	Willows
1112328	01/08/2011	523131	7082205	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Clay	Subtle Slope	C	20	Damp	Good	Willows
1112329	01/08/2011	523082	7082214	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Excellent	Old Burn
1112330	01/08/2011	523035	7082232	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Good	Willows
1112331	01/08/2011	522983	7082245	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	20	Dry	Excellent	Willows
1112332	01/08/2011	522933	7082237	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Good	Willows
1112335	02/08/2011	526720	7080309	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Dry	Excellent	White Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1112336	02/08/2011	526693	7080269	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Poplar
1112337	02/08/2011	526658	7080229	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Dwarf Birch
1112338	02/08/2011	526628	7080190	UTMZ7N_NAD83	Rock Cover	Reddish Brown	Sand	Flat	C	30	Dry	Excellent	Poplar
1112339	02/08/2011	526599	7080150	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Poplar
1112340	02/08/2011	526569	7080111	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	70	Dry	Excellent	Dwarf Birch
1112341	02/08/2011	526565	7080065	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Dwarf Birch
1112342	02/08/2011	526563	7080010	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Excellent	Dwarf Birch
1112343	02/08/2011	526555	7079961	UTMZ7N_NAD83	Thin Moss Cover	Dark Olivine Green	Sand	Subtle Slope	C	30	Dry	Excellent	Dwarf Birch
1112344	02/08/2011	526546	7079912	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Poplar
1112345	02/08/2011	526540	7079865	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Dwarf Birch
1112346	02/08/2011	526532	7079816	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Birch Forest
1112347	02/08/2011	526525	7079766	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	C	70	Dry	Excellent	Poplar
1112348	02/08/2011	526515	7079716	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Poplar
1112349	02/08/2011	526506	7079668	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Poplar
1112350	02/08/2011	526497	7079617	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Birch Forest
1112436	02/08/2011	525234	7079485	UTMZ7N_NAD83	Leaf Cover	Light Brown	Sand	Subtle Slope	C	50	Dry	Good	Birch Forest
1112437	02/08/2011	525257	7079527	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Subtle Slope	C	80	Damp	Excellent	Birch Forest
1112439	02/08/2011	525276	7079573	UTMZ7N_NAD83	Leaf Cover	Grey	Sand	Pronounced Slope	C	90	Damp	Excellent	Birch Forest
1112440	02/08/2011	525298	7079618	UTMZ7N_NAD83	Leaf Cover	Grey	Sand	Subtle Slope	C	110	Damp	Excellent	Poplar
1112441	02/08/2011	525321	7079663	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Birch Forest
1112442	02/08/2011	525340	7079710	UTMZ7N_NAD83	Leaf Cover	Reddish Orange	Sand	Subtle Slope	C	70	Damp	Excellent	Black Spruce
1112443	02/08/2011	525360	7079754	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Poplar
1112444	02/08/2011	525379	7079803	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Damp	Excellent	Black Spruce
1112445	02/08/2011	525404	7079849	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Sand	Subtle Slope	C	50	Damp	Excellent	Black Spruce
1112446	02/08/2011	525417	7079894	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Sand	Subtle Slope	C	70	Damp	Excellent	Black Spruce
1112447	02/08/2011	525424	7079935	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	70	Dry	Excellent	Birch Forest
1112448	02/08/2011	525426	7079964	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Sand	Subtle Slope	C	60	Dry	Excellent	Poplar
1112449	02/08/2011	525428	7080012	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	80	Dry	Excellent	Birch Forest
1113205	01/08/2011	522789	7080601	UTMZ7N_NAD83	Leaf Cover	Grey	Sand	Subtle Slope	C	50	Dry	Excellent	Black Spruce
1113206	01/08/2011	522848	7080605	UTMZ7N_NAD83	Leaf Cover	Light Brown	Sand	Subtle Slope	C	40	Dry	Good	Pine
1113207	01/08/2011	522901	7080600	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Silt	Subtle Slope	C	110	Damp	Excellent	Pine
1113208	01/08/2011	522952	7080600	UTMZ7N_NAD83	Leaf Cover	Dark Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Pine
1113209	01/08/2011	523002	7080597	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	C	80	Damp	Good	Pine
1113210	01/08/2011	523052	7080600	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Subtle Slope	C	60	Damp	Excellent	Pine
1113211	01/08/2011	523100	7080595	UTMZ7N_NAD83	Bare Soil	Dark Brown	Sand	Flat	C	70	Damp	Excellent	Willows
1113212	01/08/2011	523155	7080577	UTMZ7N_NAD83	Leaf Cover	Light Brown	Sand	Pronounced Slope	C	40	Dry	Good	Poplar
1113213	01/08/2011	523203	7080587	UTMZ7N_NAD83	Leaf Cover	Bluish Grey	Sand	Pronounced Slope	C	60	Dry	Excellent	Pine
1113214	01/08/2011	523253	7080589	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Grey	Sand	Subtle Slope	C	60	Dry	Excellent	Pine
1113215	01/08/2011	523299	7080589	UTMZ7N_NAD83	Leaf Cover	Dark Olivine Green	Sand	Pronounced Slope	C	110	Dry	Excellent	Pine
1113216	01/08/2011	523356	7080583	UTMZ7N_NAD83	Bare Soil	Light Brown	Sand	Pronounced Slope	C	60	Dry	Excellent	Pine
1113217	01/08/2011	523402	7080581	UTMZ7N_NAD83	Bare Soil	Light Brown	Sand	Pronounced Slope	C	70	Dry	Excellent	Poplar
1113218	01/08/2011	523455	7080579	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Pronounced Slope	C	40	Dry	Good	Poplar
1113219	01/08/2011	523501	7080563	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Pronounced Slope	C	60	Dry	Excellent	Poplar

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1113220	01/08/2011	523544	7080537	UTMZ7N_NAD83	Grass Cover	Reddish Brown	Sand	Pronounced Slope	C	60	Dry	Good	Poplar
1113221	01/08/2011	523594	7080520	UTMZ7N_NAD83	Bare Soil	Light Brown	Sand	Pronounced Slope	C	60	Dry	Excellent	Poplar
1113222	01/08/2011	523632	7080494	UTMZ7N_NAD83	Leaf Cover	Light Brown	Sand	Pronounced Slope	C	50	Dry	Excellent	Poplar
1113223	01/08/2011	523682	7080469	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	70	Damp	Good	Pine
1113224	01/08/2011	523722	7080441	UTMZ7N_NAD83	Leaf Cover	Light Brown	Sand	Pronounced Slope	C	30	Dry	Good	Poplar
1113225	01/08/2011	523767	7080424	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Pronounced Slope	C	50	Dry	Good	Poplar
1113226	01/08/2011	523811	7080396	UTMZ7N_NAD83	Bare Soil	Light Brown	Sand	Pronounced Slope	C	60	Dry	Excellent	Poplar
1113227	01/08/2011	523856	7080376	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Steep	C	60	Dry	Excellent	Poplar
1113228	01/08/2011	523899	7080357	UTMZ7N_NAD83	Leaf Cover	Dark Grey Black	Silt	Pronounced Slope	C	80	Damp	Excellent	Black Spruce
1113229	01/08/2011	523944	7080322	UTMZ7N_NAD83	Leaf Cover	Light Brown	Sand	Steep	C	40	Dry	Good	Poplar
1113230	01/08/2011	523991	7080311	UTMZ7N_NAD83	Leaf Cover	Light Brown	Sand	Steep	C	90	Dry	Excellent	Poplar
1113231	01/08/2011	524040	7080290	UTMZ7N_NAD83	Grass Cover	Grey	Sand	Steep	C	40	Damp	Good	Poplar
1113232	01/08/2011	524082	7080262	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Steep	C	60	Dry	Excellent	Poplar
1113233	01/08/2011	524126	7080237	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Steep	C	80	Dry	Excellent	Poplar
1113234	01/08/2011	524162	7080219	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Steep	C	60	Damp	Excellent	Poplar
1113235	01/08/2011	524208	7080185	UTMZ7N_NAD83	Grass Cover	Dark Blue Black	Sand	Pronounced Slope	B	50	Damp	Poor	Pine
1113236	01/08/2011	524257	7080164	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Pronounced Slope	B	40	Damp	Good	Poplar
1113301	02/08/2011	528416	7083329	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Willows
1113302	02/08/2011	528412	7083270	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Excellent	Willows
1113303	02/08/2011	528404	7083215	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Excellent	Willows
1113304	02/08/2011	528407	7083170	UTMZ7N_NAD83	Bare Soil	Grey	Sand	Pronounced Slope	C	40	Damp	Good	Willows
1113305	02/08/2011	528407	7083120	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Willows
1113306	02/08/2011	528403	7083067	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Pronounced Slope	C	50	Damp	Good	Willows
1113307	02/08/2011	528403	7083019	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Pronounced Slope	C	60	Damp	Excellent	Willows
1113308	02/08/2011	528395	7082965	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Excellent	Willows
1113309	02/08/2011	528396	7082919	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1113310	02/08/2011	528392	7082872	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Poplar
1113311	02/08/2011	528402	7082820	UTMZ7N_NAD83	Bare Soil	Grey	Sand	Pronounced Slope	C	40	Damp	Good	Pine
1113312	02/08/2011	528395	7082769	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Sand	Subtle Slope	B	70	Wet	Good	Black Spruce
1113313	02/08/2011	528393	7082724	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Sand	Subtle Slope	B	80	Wet	Poor	Willows
1113314	02/08/2011	528375	7082673	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Blue Black	Sand	Pronounced Slope	C	90	Wet	Good	Willows
1113315	02/08/2011	528338	7082634	UTMZ7N_NAD83	Bare Soil	Dark Brown	Sand	Pronounced Slope	C	90	Damp	Excellent	Willows
1113316	02/08/2011	528314	7082595	UTMZ7N_NAD83	Needle Cover	Grey	Sand	Pronounced Slope	C	80	Damp	Excellent	Willows
1113317	02/08/2011	528285	7082555	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Sand	Subtle Slope	B	60	Damp	Excellent	Willows
1113318	02/08/2011	528241	7082512	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Sand	Subtle Slope	C	90	Wet	Excellent	Willows
1113320	02/08/2011	528222	7082476	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Subtle Slope	C	90	Damp	Excellent	Willows
1113321	02/08/2011	528188	7082434	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Pronounced Slope	C	90	Damp	Excellent	Black Spruce
1113322	02/08/2011	528140	7082408	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Sand	Pronounced Slope	B	70	Damp	Excellent	Black Spruce
1113323	02/08/2011	528095	7082395	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Sand	Pronounced Slope	C	70	Damp	Excellent	Black Spruce
1113324	02/08/2011	528048	7082376	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Blue Black	Silt	Subtle Slope	C	90	Damp	Excellent	Willows
1113325	02/08/2011	528002	7082355	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Subtle Slope	C	100	Wet	Excellent	Willows
1113326	02/08/2011	527954	7082341	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Sand	Subtle Slope	B	50	Wet	Poor	Black Spruce
1113327	02/08/2011	527905	7082319	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Excellent	Black Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1113328	02/08/2011	527858	7082303	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Excellent	Black Spruce
1113329	02/08/2011	527810	7082284	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	80	Dry	Excellent	Pine
1113330	02/08/2011	527771	7082260	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	Black Spruce
1113331	02/08/2011	527722	7082245	UTMZ7N_NAD83	Leaf Cover	Light Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Poplar
1113333	02/08/2011	527675	7082222	UTMZ7N_NAD83	Leaf Cover	Light Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Poplar
1113335	02/08/2011	527635	7082197	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Pronounced Slope	C	50	Dry	Excellent	Poplar
1113336	02/08/2011	527597	7082170	UTMZ7N_NAD83	Bare Soil	Grey	Clay	Subtle Slope	B	50	Damp	Good	Subalpine Fir
1113634	01/08/2011	522428	7083627	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1113635	01/08/2011	522417	7083580	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Poor	Old Burn
1113636	01/08/2011	522403	7083531	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1113637	01/08/2011	522392	7083482	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1113638	01/08/2011	522375	7083432	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1113639	01/08/2011	522362	7083383	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1113640	01/08/2011	522349	7083336	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1113641	01/08/2011	522334	7083289	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1113642	01/08/2011	522337	7083240	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	O	30	Damp	Good	Old Burn
1113643	01/08/2011	522356	7083195	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Old Burn
1113644	01/08/2011	522367	7083145	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Old Burn
1113645	01/08/2011	522381	7083097	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1113646	01/08/2011	522392	7083049	UTMZ7N_NAD83	Burnt Moss	Dark Olivine Green	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1113647	01/08/2011	522405	7083001	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Old Burn
1113648	01/08/2011	522423	7082953	UTMZ7N_NAD83	Needle Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Old Burn
1113649	01/08/2011	522439	7082905	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1113650	01/08/2011	522451	7082858	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Old Burn
1115084	02/08/2011	523385	7085215	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1115085	02/08/2011	523430	7085195	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Good	Old Burn
1115086	02/08/2011	523478	7085179	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	Old Burn
1115087	02/08/2011	523526	7085161	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Silt	Pronounced Slope	B	30	Dry	Poor	Old Burn
1115088	02/08/2011	523573	7085147	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	Old Burn
1115089	02/08/2011	523620	7085129	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Good	Old Burn
1115090	02/08/2011	523665	7085109	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	Old Burn
1115091	02/08/2011	523711	7085090	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1115092	02/08/2011	523754	7085068	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1115093	02/08/2011	523799	7085046	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1115094	02/08/2011	523843	7085021	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1115095	02/08/2011	523888	7085000	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Old Burn
1115096	02/08/2011	523932	7084976	UTMZ7N_NAD83	Grass Cover	Reddish Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1115097	02/08/2011	523977	7084953	UTMZ7N_NAD83	Grass Cover	Light Brown	Clay	Subtle Slope	B	30	Dry	Good	Old Burn
1115098	02/08/2011	524021	7084930	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1115099	02/08/2011	524067	7084906	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	60	Dry	Excellent	Old Burn
1115100	02/08/2011	524111	7084885	UTMZ7N_NAD83	Burnt Moss	Light Brown	Clay	Subtle Slope	B	40	Dry	Good	Old Burn
1115186	01/08/2011	523134	7084448	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Silt	Subtle Slope	C	40	Dry	Good	Old Burn
1115187	01/08/2011	523182	7084430	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Silt	Subtle Slope	C	50	Dry	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1115188	01/08/2011	523231	7084408	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Silt	Subtle Slope	C	50	Damp	Good	Old Burn
1115189	01/08/2011	523274	7084392	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Old Burn
1115190	01/08/2011	523321	7084369	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Silt	Subtle Slope	C	50	Dry	Good	Old Burn
1115191	01/08/2011	523369	7084351	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Silt	Subtle Slope	C	60	Dry	Good	Old Burn
1115192	01/08/2011	523412	7084331	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Silt	Subtle Slope	C	60	Dry	Good	Old Burn
1115193	01/08/2011	523459	7084311	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1115194	01/08/2011	523509	7084294	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1115195	01/08/2011	523556	7084276	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	Old Burn
1115196	01/08/2011	523602	7084259	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1115197	01/08/2011	523645	7084235	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	C	40	Dry	Good	Old Burn
1115198	01/08/2011	523692	7084219	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	C	50	Dry	Good	Old Burn
1115199	01/08/2011	523737	7084198	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1115200	01/08/2011	523786	7084183	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1115234	02/08/2011	522567	7085148	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	White Spruce
1115235	02/08/2011	522578	7085097	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1115236	02/08/2011	522588	7085049	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Old Burn
1115237	02/08/2011	522596	7085000	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1115238	02/08/2011	522611	7084952	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	No Tree Cover
1115239	02/08/2011	522618	7084902	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1115240	02/08/2011	522627	7084854	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1115241	02/08/2011	522639	7084806	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1115242	02/08/2011	522650	7084758	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	B	40	Damp	Poor	Old Burn
1115243	02/08/2011	522661	7084709	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1115244	02/08/2011	522671	7084660	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1115245	02/08/2011	522679	7084611	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1115246	02/08/2011	522697	7084564	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Dry	Good	No Tree Cover
1115247	02/08/2011	522694	7084515	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Old Burn
1115248	02/08/2011	522685	7084466	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Old Burn
1115249	02/08/2011	522670	7084418	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	Old Burn
1115250	02/08/2011	522647	7084372	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Old Burn
1115280	01/08/2011	522587	7082342	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1115281	01/08/2011	522557	7082301	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Dwarf Birch
1115282	01/08/2011	522530	7082260	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1115283	01/08/2011	522503	7082217	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1115284	01/08/2011	522474	7082177	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1115285	01/08/2011	522447	7082135	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1115286	01/08/2011	522410	7082100	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Dwarf Birch
1115287	01/08/2011	522377	7082063	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Dwarf Birch
1115288	01/08/2011	522341	7082028	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1115289	01/08/2011	522298	7081999	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1115290	01/08/2011	522256	7081971	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	20	Damp	Good	Dwarf Birch
1115291	01/08/2011	522216	7081939	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1115292	01/08/2011	522175	7081910	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Dwarf Birch

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1115293	01/08/2011	522132	7081883	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Good	Birch Forest
1115294	01/08/2011	522090	7081855	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Dry	Good	Birch Forest
1115295	01/08/2011	522043	7081839	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Sand	Subtle Slope	C	110	Damp	Excellent	Black Spruce
1115297	01/08/2011	521992	7081837	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Subtle Slope	C	110	Dry	Excellent	Black Spruce
1115298	01/08/2011	521943	7081825	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Black Spruce
1115299	01/08/2011	521894	7081815	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Damp	Good	Black Spruce
1115300	01/08/2011	521844	7081805	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1115585	02/08/2011	522625	7084329	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Old Burn
1115586	02/08/2011	522596	7084289	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1115587	02/08/2011	522575	7084243	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Good	Old Burn
1115588	02/08/2011	522552	7084200	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1115589	02/08/2011	522527	7084154	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Old Burn
1115590	02/08/2011	522512	7084106	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Old Burn
1115591	02/08/2011	522503	7084057	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1115592	02/08/2011	522498	7084008	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1115593	02/08/2011	522487	7083959	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1115594	02/08/2011	522483	7083908	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1115595	02/08/2011	522469	7083861	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1115596	02/08/2011	522463	7083812	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1115597	02/08/2011	522452	7083763	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1115598	02/08/2011	522443	7083714	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1115600	02/08/2011	522435	7083664	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1115845	02/08/2011	523099	7085318	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Dry	Good	Old Burn
1115846	02/08/2011	523146	7085299	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1115847	02/08/2011	523291	7085248	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Dry	Good	Old Burn
1115848	02/08/2011	523338	7085230	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Dry	Good	Old Burn
1115849	02/08/2011	523194	7085281	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Good	Old Burn
1115850	02/08/2011	523243	7085264	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	70	Damp	Good	Old Burn
1117462	20/07/2011	526456	7088950	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	60	Wet	Good	Willows
1117463	20/07/2011	526456	7089001	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	30	Wet	Good	Willows
1117464	20/07/2011	526457	7089051	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	90	Wet	Good	Old Burn
1117465	20/07/2011	526458	7089100	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Wet	Good	Old Burn
1117466	20/07/2011	526456	7089149	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	Old Burn
1117467	20/07/2011	526457	7089200	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Wet	Good	Black Spruce
1117468	20/07/2011	526462	7089251	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Pronounced Slope	B	30	Wet	Good	Willows
1117469	20/07/2011	526463	7089300	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Wet	Good	Willows
1117470	20/07/2011	526462	7089350	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1117471	20/07/2011	526463	7089400	UTMZ7N_NAD83	Burnt Moss	Bluish Grey	Sand	Subtle Slope	C	60	Wet	Good	Old Burn
1117472	20/07/2011	526460	7089450	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	70	Wet	Good	Old Burn
1117698	24/07/2011	526919	7093151	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	B	20	Dry	Good	Old Burn
1117699	24/07/2011	526879	7093183	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	50	Wet	Good	Old Burn
1117700	24/07/2011	526843	7093221	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1117701	21/07/2011	525964	7088400	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Pronounced Slope	B	30	Dry	Poor	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1117702	21/07/2011	525963	7088451	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	C	70	Damp	Excellent	No Tree Cover
1117703	21/07/2011	525964	7088500	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Pronounced Slope	C	50	Damp	Good	No Tree Cover
1117704	21/07/2011	525963	7088549	UTMZ7N_NAD83	Rock Cover	Dark Brown	Silt	Pronounced Slope	B	40	Dry	Poor	No Tree Cover
1117705	21/07/2011	525961	7088603	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Wet	Excellent	No Tree Cover
1117706	21/07/2011	525962	7088651	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Pronounced Slope	C	40	Damp	Good	No Tree Cover
1117707	21/07/2011	525964	7088701	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Pronounced Slope	B	40	Wet	Good	No Tree Cover
1117708	21/07/2011	525963	7088751	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1117709	21/07/2011	525963	7088800	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	30	Dry	Good	No Tree Cover
1117710	21/07/2011	525963	7088852	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Subtle Slope	C	70	Damp	Excellent	No Tree Cover
1117711	21/07/2011	525964	7088901	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1117712	21/07/2011	525963	7088951	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1117713	21/07/2011	525963	7089002	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Blue Black	Sand	Subtle Slope	C	70	Damp	Excellent	No Tree Cover
1117714	21/07/2011	525964	7089050	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Excellent	No Tree Cover
1117715	21/07/2011	525963	7089101	UTMZ7N_NAD83	Reindeer Moss	Chocolate Brown	Sand	Flat	C	30	Dry	Good	No Tree Cover
1117716	21/07/2011	525963	7089150	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Flat	C	40	Dry	Good	No Tree Cover
1117717	21/07/2011	525963	7089202	UTMZ7N_NAD83	Reindeer Moss	Dark Brown	Sand	Flat	C	40	Dry	Good	No Tree Cover
1117718	21/07/2011	525962	7089251	UTMZ7N_NAD83	Reindeer Moss	Dark Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1117719	21/07/2011	525962	7089301	UTMZ7N_NAD83	Reindeer Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1118207	28/07/2011	537236	7084800	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1118208	28/07/2011	537261	7084843	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1118209	28/07/2011	537298	7084879	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1118210	28/07/2011	537322	7084925	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Dwarf Birch
1118211	28/07/2011	537342	7084972	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1118212	28/07/2011	537358	7085022	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1118213	28/07/2011	537376	7085070	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1118214	28/07/2011	537391	7085120	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Flat	C	70	Damp	Good	Dwarf Birch
1118215	28/07/2011	537411	7085169	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1118216	28/07/2011	537427	7085216	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1118217	28/07/2011	537456	7085259	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1116001	02/08/2011	533851	7081816	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	Poplar
1116002	02/08/2011	533879	7081774	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Dwarf Birch
1116003	02/08/2011	533908	7081732	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	A	60	Damp	Good	Dwarf Birch
1116004	02/08/2011	533940	7081694	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	70	Damp	Good	Dwarf Birch
1116005	02/08/2011	533967	7081652	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Poplar
1116006	02/08/2011	533997	7081612	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Poplar
1116007	02/08/2011	534026	7081570	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Poplar
1116008	02/08/2011	534052	7081527	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Poplar
1116009	02/08/2011	534083	7081488	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Poplar
1116010	02/08/2011	534112	7081448	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Poplar
1116011	02/08/2011	534143	7081409	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1116012	02/08/2011	534172	7081368	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Damp	Good	Poplar
1116013	02/08/2011	534197	7081325	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Birch Forest
1116014	02/08/2011	534210	7081274	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Dwarf Birch

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1116015	02/08/2011	534211	7081224	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Poplar
1116016	02/08/2011	534217	7081175	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Birch Forest
1116017	02/08/2011	534230	7081127	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Birch Forest
1116018	02/08/2011	534239	7081077	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Poplar
1116019	02/08/2011	534246	7081027	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	80	Damp	Good	Poplar
1116020	02/08/2011	534263	7080980	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	White Spruce
1116021	02/08/2011	534272	7080930	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	White Spruce
1116022	02/08/2011	534286	7080882	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Poplar
1116023	02/08/2011	534296	7080832	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Flat	C	50	Damp	Good	Birch Forest
1116024	02/08/2011	534309	7080783	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Birch Forest
1116025	02/08/2011	534316	7080733	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	50	Damp	Good	Dwarf Birch
1116026	02/08/2011	534331	7080685	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Birch Forest
1116027	02/08/2011	534334	7080630	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Birch Forest
1116028	02/08/2011	534327	7080580	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1116029	02/08/2011	534340	7080531	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Poplar
1116030	02/08/2011	534342	7080481	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Good	Poplar
1116031	02/08/2011	534344	7080430	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Poplar
1116032	02/08/2011	534341	7080381	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	70	Damp	Good	Poplar
1116051	01/08/2011	537030	7082185	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Poplar
1116052	01/08/2011	537062	7082139	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	70	Dry	Good	Poplar
1116053	01/08/2011	537084	7082097	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Poplar
1116054	01/08/2011	537113	7082041	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Excellent	Poplar
1116056	01/08/2011	537139	7081997	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Poplar
1116057	01/08/2011	537161	7081956	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Pronounced Slope	C	60	Dry	Excellent	Birch Forest
1116058	01/08/2011	537189	7081910	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Birch Forest
1116059	01/08/2011	537216	7081861	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Silt	Subtle Slope	C	40	Damp	Good	Birch Forest
1116060	01/08/2011	537237	7081809	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Subtle Slope	C	70	Dry	Good	Birch Forest
1116061	01/08/2011	537260	7081775	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Subtle Slope	C	50	Dry	Good	Birch Forest
1116062	01/08/2011	537288	7081724	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Good	Poplar
1116063	01/08/2011	537314	7081678	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	60	Dry	Good	Birch Forest
1116064	01/08/2011	537337	7081635	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	80	Dry	Excellent	Birch Forest
1116065	01/08/2011	537361	7081589	UTMZ7N_NAD83	Leaf Cover	Dark Brown	Sand	Subtle Slope	B	50	Damp	Good	Birch Forest
1116066	01/08/2011	537386	7081546	UTMZ7N_NAD83	Leaf Cover	Dark Brown	Sand	Subtle Slope	C	50	Damp	Good	Birch Forest
1116067	01/08/2011	537411	7081505	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	80	Dry	Excellent	Birch Forest
1116068	01/08/2011	537434	7081464	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Dwarf Birch
1116069	01/08/2011	537460	7081421	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	90	Damp	Excellent	White Spruce
1116070	01/08/2011	537488	7081381	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	80	Dry	Good	White Spruce
1116071	01/08/2011	537515	7081338	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Pronounced Slope	C	70	Dry	Excellent	Poplar
1116072	01/08/2011	537541	7081294	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Subtle Slope	C	80	Dry	Excellent	Birch Forest
1116073	01/08/2011	537563	7081252	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	80	Dry	Excellent	White Spruce
1116074	01/08/2011	537593	7081207	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Subtle Slope	C	90	Damp	Good	Black Spruce
1116075	01/08/2011	537617	7081167	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Sand	Subtle Slope	C	90	Wet	Poor	Black Spruce
1116076	01/08/2011	537639	7081124	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Sand	Subtle Slope	C	80	Wet	Poor	Black Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1116077	01/08/2011	537667	7081079	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Sand	Flat	C	70	Damp	Good	Black Spruce
1116078	01/08/2011	537695	7081038	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Sand	Subtle Slope	B	70	Damp	Good	Black Spruce
1116079	01/08/2011	537724	7080994	UTMZ7N_NAD83	Leaf Cover	Grey	Sand	Subtle Slope	C	70	Damp	Good	Black Spruce
1116080	01/08/2011	537747	7080952	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Sand	Flat	C	80	Damp	Good	Black Spruce
1116081	01/08/2011	537775	7080909	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Sand	Pronounced Slope	C	70	Wet	Good	Black Spruce
1116082	01/08/2011	537801	7080865	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Sand	Subtle Slope	C	80	Damp	Good	Black Spruce
1116401	05/08/2011	532680	7079586	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1116402	05/08/2011	532702	7079634	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1116403	05/08/2011	532724	7079681	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1116404	05/08/2011	532744	7079731	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	50	Dry	Good	Dwarf Birch
1116405	05/08/2011	532765	7079780	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	50	Dry	Good	Dwarf Birch
1116406	05/08/2011	532786	7079827	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Old Burn
1116407	05/08/2011	532806	7079876	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Excellent	Old Burn
1116408	05/08/2011	532826	7079925	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Old Burn
1116410	05/08/2011	532848	7079973	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1116411	05/08/2011	532867	7080022	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Old Burn
1116412	05/08/2011	532888	7080070	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Old Burn
1116413	05/08/2011	532911	7080117	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	B	50	Dry	Good	Black Spruce
1116414	05/08/2011	532929	7080164	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Black Spruce
1116415	05/08/2011	532949	7080213	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1116416	05/08/2011	532969	7080259	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	30	Dry	Poor	Old Burn
1116417	05/08/2011	532991	7080306	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	60	Dry	Good	Old Burn
1116418	05/08/2011	533011	7080353	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Black Spruce
1116419	05/08/2011	533031	7080402	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Good	Birch Forest
1116420	05/08/2011	533050	7080449	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Good	Birch Forest
1116421	05/08/2011	533071	7080496	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Black Spruce
1116422	05/08/2011	533094	7080541	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1116423	05/08/2011	533113	7080586	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1116424	05/08/2011	533136	7080630	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Flat	B	30	Dry	Good	Dwarf Birch
1116425	05/08/2011	533157	7080676	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Dwarf Birch
1116426	05/08/2011	533178	7080721	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Dry	Good	Dwarf Birch
1116427	05/08/2011	533200	7080768	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Good	Dwarf Birch
1116428	05/08/2011	533220	7080814	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Dwarf Birch
1116429	05/08/2011	533242	7080860	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Dwarf Birch
1116430	05/08/2011	533260	7080905	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	60	Damp	Good	Dwarf Birch
1116431	05/08/2011	533281	7080949	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Birch Forest
1116432	05/08/2011	533304	7080996	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Subtle Slope	C	50	Dry	Good	Birch Forest
1116893	02/08/2011	524282	7084778	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1116894	02/08/2011	524324	7084750	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1116895	02/08/2011	524367	7084725	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1116896	02/08/2011	524412	7084700	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1116897	02/08/2011	524452	7084671	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1116898	02/08/2011	524495	7084646	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1117251	20/07/2011	526261	7088395	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1117252	20/07/2011	526260	7088449	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	B	40	Wet	Good	No Tree Cover
1117253	20/07/2011	526263	7088501	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	No Tree Cover
1117254	20/07/2011	526262	7088550	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Good	No Tree Cover
1117255	20/07/2011	526260	7088601	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1117256	20/07/2011	526259	7088650	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Dwarf Birch
1117257	20/07/2011	526261	7088701	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Pronounced Slope	B	40	Damp	Poor	No Tree Cover
1117258	20/07/2011	526259	7088753	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	Dwarf Birch
1117259	20/07/2011	526257	7088800	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	60	Wet	Excellent	Dwarf Birch
1117260	20/07/2011	526259	7088851	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Damp	Good	Willows
1117261	20/07/2011	526258	7088902	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Dry	Good	Old Burn
1117262	20/07/2011	526257	7088950	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Silt	Subtle Slope	C	50	Dry	Poor	Old Burn
1117263	20/07/2011	526255	7089002	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	Old Burn
1117264	20/07/2011	526258	7089049	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1117265	20/07/2011	526259	7089097	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1117266	20/07/2011	526258	7089147	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Silt	Subtle Slope	B	40	Dry	Good	Old Burn
1117267	20/07/2011	526256	7089250	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1117269	20/07/2011	526258	7089299	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Old Burn
1117270	20/07/2011	526257	7089348	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Excellent	Old Burn
1117271	20/07/2011	526259	7089400	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	Old Burn
1117272	20/07/2011	526260	7089451	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Excellent	Old Burn
1117273	20/07/2011	526260	7089501	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	C	70	Wet	Good	Old Burn
1117274	20/07/2011	526260	7089549	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	C	60	Wet	Excellent	Old Burn
1117275	20/07/2011	526260	7089600	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Wet	Excellent	Old Burn
1117276	20/07/2011	526261	7089651	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	Old Burn
1117277	20/07/2011	526259	7089699	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Wet	Good	Old Burn
1117278	20/07/2011	526262	7089750	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Wet	Excellent	Old Burn
1117280	20/07/2011	526263	7089800	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	70	Wet	Excellent	Willows
1117281	20/07/2011	526264	7089848	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	Willows
1117282	20/07/2011	526265	7089899	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Willows
1117283	20/07/2011	526359	7089501	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	Old Burn
1117284	20/07/2011	526358	7089548	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Wet	Good	Old Burn
1117285	20/07/2011	526359	7089597	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Excellent	Old Burn
1117286	21/07/2011	525766	7088397	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Silt	Pronounced Slope	B	30	Dry	Poor	No Tree Cover
1117287	21/07/2011	525767	7088449	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Silt	Pronounced Slope	B	50	Damp	Good	No Tree Cover
1117288	21/07/2011	525768	7088500	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Silt	Subtle Slope	B	40	Dry	Good	No Tree Cover
1117289	21/07/2011	525766	7088550	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	No Tree Cover
1117290	21/07/2011	525767	7088600	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1117291	21/07/2011	525765	7088650	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1117292	21/07/2011	525765	7088702	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Poor	No Tree Cover
1117293	21/07/2011	525765	7088750	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	No Tree Cover
1117294	21/07/2011	525763	7088801	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Good	No Tree Cover
1117295	21/07/2011	525764	7088850	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Good	Willows

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1117296	21/07/2011	525762	7088901	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Willows
1117297	21/07/2011	525763	7088950	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Poor	Dwarf Birch
1117298	21/07/2011	525763	7089002	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Poor	Dwarf Birch
1117299	21/07/2011	525759	7089051	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	Dwarf Birch
1117300	21/07/2011	525758	7089101	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	20	Wet	Poor	Dwarf Birch
1117401	20/07/2011	526364	7088400	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Subtle Slope	B	40	Dry	Poor	No Tree Cover
1117402	20/07/2011	526364	7088451	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Flat	C	50	Wet	Excellent	No Tree Cover
1117403	20/07/2011	526363	7088500	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1117404	20/07/2011	526365	7088550	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1117405	20/07/2011	526364	7088600	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1117406	20/07/2011	526366	7088649	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	40	Wet	Good	No Tree Cover
1117407	20/07/2011	526364	7088700	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Pronounced Slope	C	40	Wet	Excellent	Black Spruce
1117408	20/07/2011	526363	7088750	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Pronounced Slope	C	50	Wet	Excellent	Willows
1117409	20/07/2011	526364	7088800	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Excellent	No Tree Cover
1117410	20/07/2011	526363	7088849	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Pronounced Slope	C	40	Damp	Good	Willows
1117411	20/07/2011	526363	7088900	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Excellent	Willows
1117412	20/07/2011	526362	7088951	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	30	Wet	Excellent	Willows
1117413	20/07/2011	526365	7089000	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	20	Dry	Good	Old Burn
1117414	20/07/2011	526364	7089051	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1117415	20/07/2011	526364	7089099	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1117416	20/07/2011	526364	7089150	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1117417	20/07/2011	526367	7089200	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1117418	20/07/2011	526366	7089250	UTMZ7N_NAD83	Rock Cover	Dark Brown	Silt	Subtle Slope	B	20	Dry	Poor	Old Burn
1117419	20/07/2011	526363	7089301	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Old Burn
1117420	20/07/2011	526364	7089351	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn
1117421	20/07/2011	526364	7089400	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1117422	20/07/2011	526364	7089448	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1117423	20/07/2011	526363	7089448	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	C	70	Wet	Excellent	Old Burn
1117424	22/07/2011	521386	7092015	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Dry	Good	Black Spruce
1117425	22/07/2011	521411	7092057	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Dry	Excellent	Black Spruce
1117426	22/07/2011	521439	7092096	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	60	Damp	Excellent	Black Spruce
1117427	22/07/2011	521463	7092139	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Flat	C	50	Damp	Good	Black Spruce
1117428	22/07/2011	521488	7092184	UTMZ7N_NAD83	Thin Moss Cover	Dark Blue Black	Sand	Flat	C	80	Dry	Excellent	Black Spruce
1117429	22/07/2011	521512	7092228	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Damp	Good	Black Spruce
1117430	22/07/2011	521539	7092272	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Flat	C	50	Wet	Excellent	Black Spruce
1117431	22/07/2011	521563	7092314	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	C	80	Damp	Excellent	Black Spruce
1117432	22/07/2011	521588	7092358	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Black Spruce
1117433	22/07/2011	521613	7092401	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Clay	Subtle Slope	C	50	Wet	Good	Black Spruce
1117434	22/07/2011	521649	7092445	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Sand	Subtle Slope	C	80	Wet	Excellent	Black Spruce
1117435	22/07/2011	521663	7092487	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Sand	Subtle Slope	B	50	Wet	Good	Black Spruce
1117436	23/07/2011	525664	7088400	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Steep	B	30	Damp	Good	Willows
1117437	23/07/2011	525662	7088450	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Steep	C	40	Dry	Good	Dwarf Birch
1117438	23/07/2011	525665	7088500	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Steep	B	30	Damp	Good	Dwarf Birch

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1117439	23/07/2011	525666	7088550	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Steep	B	40	Damp	Good	Dwarf Birch
1117440	23/07/2011	525664	7088600	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Steep	B	40	Damp	Good	Willows
1117441	23/07/2011	525662	7088650	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Pronounced Slope	B	30	Damp	Poor	Dwarf Birch
1117442	23/07/2011	525663	7088700	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Pronounced Slope	B	30	Damp	Poor	Dwarf Birch
1117443	23/07/2011	525665	7088750	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Silt	Pronounced Slope	B	30	Dry	Good	Willows
1117444	23/07/2011	525662	7088800	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Pronounced Slope	B	30	Damp	Good	Dwarf Birch
1117445	23/07/2011	525662	7088850	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Pronounced Slope	B	30	Dry	Good	Willows
1117446	23/07/2011	525665	7088901	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Dwarf Birch
1117447	23/07/2011	525663	7088950	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Pronounced Slope	B	30	Dry	Good	Dwarf Birch
1117448	23/07/2011	525664	7089000	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Pronounced Slope	B	30	Damp	Poor	Willows
1117449	23/07/2011	525663	7089050	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Pronounced Slope	B	40	Damp	Good	Willows
1117450	23/07/2011	525664	7089101	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Pronounced Slope	B	30	Wet	Good	Willows
1117451	20/07/2011	526463	7088400	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	70	Wet	Good	Dwarf Birch
1117452	20/07/2011	526462	7088450	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	70	Wet	Good	Dwarf Birch
1117453	20/07/2011	526462	7088500	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1117454	20/07/2011	526462	7088551	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	70	Damp	Good	Dwarf Birch
1117455	20/07/2011	526461	7088601	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	70	Damp	Good	No Tree Cover
1117456	20/07/2011	526460	7088649	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	B	80	Damp	Good	Dwarf Birch
1117457	20/07/2011	526460	7088699	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	80	Damp	Good	Dwarf Birch
1117458	20/07/2011	526460	7088751	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Pronounced Slope	B	40	Damp	Poor	Willows
1117459	20/07/2011	526456	7088797	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Sand	Steep	C	50	Damp	Good	Dwarf Birch
1117460	20/07/2011	526456	7088849	UTMZ7N_NAD83	Reindeer Moss	Chocolate Brown	Sand	Steep	B	30	Damp	Good	No Tree Cover
1117461	20/07/2011	526459	7088900	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	50	Damp	Good	Dwarf Birch
1117473	20/07/2011	526462	7089500	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	110	Wet	Good	Old Burn
1117474	20/07/2011	526462	7089551	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Wet	Good	Subalpine Fir
1117475	20/07/2011	526463	7089600	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	70	Wet	Good	Old Burn
1117476	20/07/2011	526463	7089650	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	100	Wet	Good	Old Burn
1117477	20/07/2011	526464	7089701	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Old Burn
1117478	20/07/2011	526461	7089749	UTMZ7N_NAD83	Burnt Moss	Bluish Grey	Sand	Pronounced Slope	C	90	Wet	Good	Old Burn
1117479	20/07/2011	526462	7089799	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	60	Wet	Good	Willows
1117480	20/07/2011	526463	7089851	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	30	Wet	Good	Willows
1117481	20/07/2011	526464	7089898	UTMZ7N_NAD83	Thin Moss Cover	Dark Grey Black	Sand	Pronounced Slope	C	110	Damp	Good	Black Spruce
1117501	20/07/2011	526563	7088401	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Good	Black Spruce
1117502	20/07/2011	526561	7088451	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	Black Spruce
1117503	20/07/2011	526562	7088501	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	70	Damp	Good	Dwarf Birch
1117504	20/07/2011	526559	7088552	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	40	Damp	Good	Dwarf Birch
1117505	20/07/2011	526560	7088601	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Pronounced Slope	B	30	Damp	Good	Dwarf Birch
1117506	20/07/2011	526558	7088700	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Pronounced Slope	B	30	Damp	Good	Dwarf Birch
1117507	20/07/2011	526560	7088750	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	C	40	Damp	Good	Willows
1117508	20/07/2011	526559	7088802	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Silt	Pronounced Slope	B	40	Damp	Poor	Willows
1117509	20/07/2011	526559	7088851	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Dwarf Birch
1117510	20/07/2011	526558	7088902	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	Dwarf Birch
1117511	20/07/2011	526557	7088952	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Pronounced Slope	B	40	Damp	Poor	Black Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1117512	20/07/2011	526558	7089002	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Pronounced Slope	B	50	Wet	Poor	Black Spruce
1117513	20/07/2011	526556	7089051	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	Black Spruce
1117514	20/07/2011	526557	7089101	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Willows
1117515	20/07/2011	526558	7089153	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	30	Wet	Good	Black Spruce
1117516	20/07/2011	526558	7089200	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	Black Spruce
1117517	20/07/2011	526557	7089249	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	Black Spruce
1117518	20/07/2011	526558	7089297	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Black Spruce
1117519	20/07/2011	526559	7089349	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Pronounced Slope	B	30	Damp	Good	Black Spruce
1117520	20/07/2011	526559	7089398	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Old Burn
1117521	20/07/2011	526559	7089450	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Silt	Pronounced Slope	B	40	Wet	Poor	Black Spruce
1117522	20/07/2011	526560	7089498	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	Black Spruce
1117523	20/07/2011	526561	7089549	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Black Spruce
1117524	20/07/2011	526561	7089599	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Black Spruce
1117525	20/07/2011	526564	7089700	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	50	Wet	Good	Old Burn
1117526	20/07/2011	526562	7089750	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Old Burn
1117527	20/07/2011	526562	7089800	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	30	Wet	Good	Old Burn
1117528	20/07/2011	526564	7089850	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Black Spruce
1117529	20/07/2011	526564	7089901	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	C	30	Damp	Good	Black Spruce
1117530	20/07/2011	526366	7089899	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	30	Wet	Good	Black Spruce
1117531	20/07/2011	526367	7089849	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	Black Spruce
1117532	20/07/2011	526372	7089799	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Pronounced Slope	B	30	Damp	Good	Black Spruce
1117534	20/07/2011	526561	7089651	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Old Burn
1117536	22/07/2011	521687	7092532	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Clay	Subtle Slope	B	70	Wet	Good	Black Spruce
1117537	22/07/2011	521712	7092575	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Clay	Subtle Slope	B	40	Wet	Good	Black Spruce
1117538	22/07/2011	521737	7092618	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Clay	Subtle Slope	B	40	Wet	Good	Black Spruce
1117539	22/07/2011	521762	7092662	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Sand	Subtle Slope	B	70	Damp	Excellent	Black Spruce
1117540	22/07/2011	521787	7092705	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Black Spruce
1117541	22/07/2011	521810	7092748	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	C	70	Wet	Good	Black Spruce
1117542	22/07/2011	521836	7092792	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	80	Damp	Excellent	Black Spruce
1117543	22/07/2011	521861	7092836	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	60	Damp	Good	Black Spruce
1117544	22/07/2011	521884	7092874	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	70	Wet	Good	Black Spruce
1117545	22/07/2011	521912	7092919	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Black Spruce
1117546	22/07/2011	521937	7092961	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Black Spruce
1117547	22/07/2011	521969	7093002	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Excellent	Black Spruce
1117548	22/07/2011	521987	7093053	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Black Spruce
1117549	02/08/2011	536031	7079301	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1117550	02/08/2011	536048	7079252	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1117551	20/07/2011	526663	7088402	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	70	Damp	Good	Dwarf Birch
1117552	20/07/2011	526663	7088450	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Wet	Good	No Tree Cover
1117553	20/07/2011	526664	7088500	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	100	Damp	Good	No Tree Cover
1117554	20/07/2011	526664	7088550	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	Dwarf Birch
1117555	20/07/2011	526664	7088601	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	60	Damp	Good	Dwarf Birch
1117556	20/07/2011	526664	7088650	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	60	Damp	Good	Dwarf Birch

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1117557	20/07/2011	526664	7088700	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	90	Damp	Good	Dwarf Birch
1117558	20/07/2011	526664	7088750	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Dwarf Birch
1117559	20/07/2011	526664	7088801	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Willows
1117560	20/07/2011	526663	7088851	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Pronounced Slope	B	50	Damp	Poor	Willows
1117561	20/07/2011	526664	7088901	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Pronounced Slope	B	50	Damp	Poor	Black Spruce
1117562	20/07/2011	526663	7088950	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Dwarf Birch
1117563	20/07/2011	526664	7089001	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Black Spruce
1117564	20/07/2011	526664	7089101	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1117565	20/07/2011	526664	7089151	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1117566	20/07/2011	526652	7089201	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Black Spruce
1117567	20/07/2011	526664	7089250	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Black Spruce
1117568	20/07/2011	526664	7089301	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Black Spruce
1117569	20/07/2011	526664	7089351	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Black Spruce
1117570	20/07/2011	526664	7089401	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Old Burn
1117571	20/07/2011	526664	7089450	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Black Spruce
1117572	20/07/2011	526665	7089500	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Wet	Good	Black Spruce
1117573	20/07/2011	526665	7089550	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1117574	20/07/2011	526664	7089600	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Black Spruce
1117575	20/07/2011	526663	7089652	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	50	Wet	Good	Old Burn
1117576	20/07/2011	526665	7089700	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Good	Black Spruce
1117577	20/07/2011	526664	7089750	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Wet	Good	Black Spruce
1117578	20/07/2011	526664	7089801	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Wet	Good	Black Spruce
1117579	20/07/2011	526664	7089850	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Wet	Good	Black Spruce
1117580	20/07/2011	526664	7089900	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Wet	Good	Black Spruce
1117581	20/07/2011	526364	7089698	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Old Burn
1117582	20/07/2011	526363	7089751	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Good	Old Burn
1117583	20/07/2011	526366	7089650	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	110	Damp	Good	Old Burn
1117586	23/07/2011	525665	7089150	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Silt	Pronounced Slope	B	50	Damp	Good	Willows
1117587	23/07/2011	525666	7089201	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Bluish Grey	Sand	Pronounced Slope	C	40	Damp	Good	Willows
1117588	23/07/2011	525661	7089250	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	Willows
1117589	23/07/2011	525661	7089301	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1117590	23/07/2011	525665	7089350	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1117591	23/07/2011	525661	7089398	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Good	Dwarf Birch
1117592	23/07/2011	525664	7089450	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	60	Wet	Good	Dwarf Birch
1117593	23/07/2011	525664	7089501	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Black Spruce
1117594	23/07/2011	525663	7089550	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Black Spruce
1117595	23/07/2011	525665	7089600	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Subtle Slope	B	30	Damp	Good	Black Spruce
1117596	23/07/2011	525662	7089651	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Black Spruce
1117597	23/07/2011	525665	7089700	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Black Spruce
1117598	23/07/2011	525661	7089751	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Black Spruce
1117599	23/07/2011	525662	7089800	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Black Spruce
1117600	23/07/2011	525664	7089850	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Dry	Good	Black Spruce
1117601	23/07/2011	525340	7091919	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	Subalpine Fir

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1117602	23/07/2011	525326	7091966	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	Subalpine Fir
1117603	23/07/2011	525323	7092018	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	Subalpine Fir
1117604	23/07/2011	525334	7092068	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	Subalpine Fir
1117605	23/07/2011	525330	7092119	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Subalpine Fir
1117606	23/07/2011	525321	7092171	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Poor	Subalpine Fir
1117607	23/07/2011	525304	7092218	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Good	Subalpine Fir
1117608	23/07/2011	525282	7092262	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	20	Wet	Good	Subalpine Fir
1117609	23/07/2011	525274	7092313	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	Subalpine Fir
1117610	23/07/2011	525271	7092363	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Clay	Subtle Slope	C	60	Wet	Good	Subalpine Fir
1117612	23/07/2011	525249	7092411	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Wet	Good	Subalpine Fir
1117613	23/07/2011	525256	7092461	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Wet	Good	Subalpine Fir
1117614	23/07/2011	525262	7092512	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Wet	Good	Subalpine Fir
1117615	23/07/2011	525274	7092561	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	Subalpine Fir
1117616	23/07/2011	525277	7092613	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	30	Wet	Good	Subalpine Fir
1117617	23/07/2011	525288	7092663	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	Subalpine Fir
1117618	23/07/2011	525289	7092713	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Wet	Good	Subalpine Fir
1117619	23/07/2011	525296	7092764	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Good	Subalpine Fir
1117620	23/07/2011	525305	7092813	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Wet	Good	Subalpine Fir
1117621	23/07/2011	525308	7092863	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Good	Subalpine Fir
1117622	23/07/2011	525306	7092913	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	Subalpine Fir
1117623	23/07/2011	525305	7092964	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Good	Subalpine Fir
1117624	23/07/2011	525300	7093014	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Wet	Good	Subalpine Fir
1117625	23/07/2011	525293	7093064	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	Subalpine Fir
1117626	23/07/2011	525280	7093113	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Wet	Good	Subalpine Fir
1117627	23/07/2011	525267	7093163	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Good	Subalpine Fir
1117628	23/07/2011	525261	7093216	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	Subalpine Fir
1117629	23/07/2011	525262	7093267	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	Subalpine Fir
1117630	23/07/2011	525259	7093317	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Wet	Good	Willows
1117631	23/07/2011	525245	7093366	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	20	Wet	Good	Subalpine Fir
1117632	23/07/2011	525244	7093416	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	30	Wet	Good	Subalpine Fir
1117634	24/07/2011	526806	7093256	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Clay	Subtle Slope	C	40	Damp	Good	Old Burn
1117635	24/07/2011	526767	7093290	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Clay	Subtle Slope	C	40	Dry	Good	Old Burn
1117636	24/07/2011	526733	7093327	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1117637	24/07/2011	526695	7093361	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1117638	24/07/2011	526659	7093396	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	20	Dry	Good	Old Burn
1117639	24/07/2011	526621	7093430	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1117640	24/07/2011	526581	7093460	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1117641	24/07/2011	526538	7093488	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Flat	C	70	Dry	Excellent	Old Burn
1117642	24/07/2011	526500	7093521	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Flat	B	20	Dry	Good	Old Burn
1117643	24/07/2011	526462	7093554	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1117644	24/07/2011	526421	7093584	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1117645	24/07/2011	526384	7093618	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1117646	24/07/2011	526342	7093646	UTMZ7N_NAD83	Burnt Moss	Yellow	Sand	Subtle Slope	C	30	Dry	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1117647	24/07/2011	526301	7093674	UTMZ7N_NAD83	Burnt Moss	Yellow	Sand	Subtle Slope	C	60	Damp	Excellent	Old Burn
1117649	24/07/2011	526267	7093712	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1117650	24/07/2011	526234	7093751	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Good	Old Burn
1117651	21/07/2011	525758	7089151	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Wet	Poor	No Tree Cover
1117652	21/07/2011	525759	7089202	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	A	50	Wet	Poor	Dwarf Birch
1117653	21/07/2011	525761	7089250	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	C	50	Wet	Good	Dwarf Birch
1117654	21/07/2011	525761	7089300	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	C	60	Wet	Good	Dwarf Birch
1117655	21/07/2011	525759	7089349	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Wet	Good	Dwarf Birch
1117656	21/07/2011	525763	7089401	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1117657	21/07/2011	525763	7089450	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	C	60	Wet	Good	Subalpine Fir
1117658	21/07/2011	525761	7089499	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Subtle Slope	B	40	Wet	Good	Subalpine Fir
1117659	21/07/2011	525765	7089551	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Wet	Good	Subalpine Fir
1117660	21/07/2011	525760	7089601	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Poor	Subalpine Fir
1117661	21/07/2011	525763	7089649	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Poor	Subalpine Fir
1117662	21/07/2011	525759	7089701	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	20	Wet	Good	Subalpine Fir
1117663	21/07/2011	525762	7089750	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Subalpine Fir
1117664	21/07/2011	525763	7089852	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Good	Subalpine Fir
1117666	21/07/2011	525765	7089902	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Subalpine Fir
1117669	25/07/2011	537684	7091115	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Birch Forest
1117671	22/07/2011	522266	7089591	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Clay	Subtle Slope	B	50	Damp	Good	Subalpine Fir
1117672	22/07/2011	522230	7089625	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Clay	Subtle Slope	C	40	Damp	Excellent	Subalpine Fir
1117673	22/07/2011	522194	7089661	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	Subalpine Fir
1117674	22/07/2011	522156	7089696	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Clay	Subtle Slope	C	40	Damp	Excellent	Subalpine Fir
1117675	22/07/2011	522119	7089733	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Clay	Flat	C	40	Damp	Excellent	Subalpine Fir
1117676	22/07/2011	522084	7089771	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Sand	Flat	C	30	Dry	Good	Subalpine Fir
1117677	22/07/2011	522045	7089805	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Flat	C	30	Dry	Good	Subalpine Fir
1117678	22/07/2011	522008	7089841	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Clay	Flat	C	40	Damp	Excellent	Subalpine Fir
1117679	22/07/2011	521970	7089877	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Clay	Flat	C	30	Damp	Poor	Subalpine Fir
1117680	22/07/2011	521936	7089916	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Dry	Excellent	Subalpine Fir
1117682	22/07/2011	521899	7089949	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Good	Willows
1117683	22/07/2011	521865	7089988	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Willows
1117684	22/07/2011	521831	7090026	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Excellent	Subalpine Fir
1117685	22/07/2011	521798	7090065	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Dry	Good	Subalpine Fir
1117686	22/07/2011	521767	7090104	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	40	Wet	Good	Subalpine Fir
1117687	22/07/2011	521731	7090141	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	Subalpine Fir
1117688	22/07/2011	521695	7090176	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	Subalpine Fir
1117689	22/07/2011	521689	7090223	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Wet	Poor	Subalpine Fir
1117690	22/07/2011	521699	7090273	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Wet	Poor	Subalpine Fir
1117691	22/07/2011	521708	7090323	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Good	Subalpine Fir
1117692	22/07/2011	521711	7090373	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Wet	Good	Subalpine Fir
1117694	22/07/2011	521719	7090423	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	Subalpine Fir
1117695	22/07/2011	521730	7090471	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	Subalpine Fir
1117696	22/07/2011	521738	7090522	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Pronounced Slope	B	40	Damp	Good	Subalpine Fir

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1117697	24/07/2011	526959	7093118	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1117720	21/07/2011	525964	7089351	UTMZ7N_NAD83	Reindeer Moss	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Excellent	No Tree Cover
1117721	21/07/2011	525963	7089402	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Sand	Subtle Slope	C	50	Dry	Good	No Tree Cover
1117722	21/07/2011	525962	7089448	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	No Tree Cover
1117723	21/07/2011	525962	7089500	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	O	90	Damp	Excellent	Dwarf Birch
1117724	21/07/2011	525962	7089548	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	C	60	Damp	Good	Dwarf Birch
1117725	21/07/2011	525962	7089598	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1117726	21/07/2011	525963	7089649	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1117727	21/07/2011	525961	7089700	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Grey Black	Sand	Subtle Slope	B	30	Damp	Good	Black Spruce
1117728	02/08/2011	535832	7079860	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Flat	C	50	Damp	Excellent	Old Burn
1117729	02/08/2011	535846	7079820	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Poor	Old Burn
1117730	02/08/2011	535863	7079773	UTMZ7N_NAD83	Burnt Moss	Grey	Sand	Flat	C	70	Damp	Good	Old Burn
1117731	02/08/2011	535881	7079726	UTMZ7N_NAD83	Thin Moss Cover	Dark Grey Black	Clay	Flat	C	70	Damp	Good	Old Burn
1117732	02/08/2011	535897	7079678	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Clay	Flat	B	30	Damp	Poor	Old Burn
1117733	02/08/2011	535915	7079631	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Old Burn
1117734	02/08/2011	535931	7079586	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Flat	C	50	Damp	Good	Old Burn
1117735	02/08/2011	535948	7079536	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Flat	C	60	Damp	Good	Old Burn
1117737	21/07/2011	525864	7088400	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Dry	Good	No Tree Cover
1117738	21/07/2011	525864	7088450	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1117739	21/07/2011	525864	7088500	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1117740	21/07/2011	525864	7088550	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	60	Damp	Good	No Tree Cover
1117741	21/07/2011	525864	7088600	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	No Tree Cover
1117742	21/07/2011	525864	7088650	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	No Tree Cover
1117743	21/07/2011	525864	7088700	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1117744	21/07/2011	525864	7088750	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Dry	Good	No Tree Cover
1117745	21/07/2011	525864	7088800	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1117746	21/07/2011	525864	7088850	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	60	Dry	Good	No Tree Cover
1117747	21/07/2011	525864	7088900	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	60	Damp	Good	No Tree Cover
1117748	21/07/2011	525864	7088950	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1117749	21/07/2011	525864	7089000	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	No Tree Cover
1117750	21/07/2011	525864	7089050	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1117751	24/07/2011	526192	7093780	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1117752	24/07/2011	526155	7093815	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Old Burn
1117753	24/07/2011	526118	7093850	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1117754	24/07/2011	526083	7093887	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1117755	24/07/2011	526050	7093924	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1117756	24/07/2011	526035	7093972	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1117757	24/07/2011	526025	7094021	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Old Burn
1117758	24/07/2011	526012	7094071	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Old Burn
1117759	24/07/2011	525998	7094120	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	Old Burn
1117760	24/07/2011	525991	7094170	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Poor	Old Burn
1117761	24/07/2011	525976	7094218	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	Old Burn
1117762	25/07/2011	536562	7090346	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	White Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1117763	25/07/2011	536585	7090391	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	White Spruce
1117764	25/07/2011	536602	7090438	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Good	White Spruce
1117765	25/07/2011	536615	7090488	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	30	Dry	Good	White Spruce
1117766	25/07/2011	536640	7090533	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Good	White Spruce
1117767	25/07/2011	536656	7090582	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	White Spruce
1117768	25/07/2011	536678	7090628	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	White Spruce
1117769	25/07/2011	536702	7090672	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Good	White Spruce
1117770	25/07/2011	536706	7090724	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	White Spruce
1117771	25/07/2011	536736	7090764	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Sand	Subtle Slope	C	30	Damp	Good	White Spruce
1117772	25/07/2011	536768	7090805	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	20	Dry	Good	White Spruce
1117773	25/07/2011	536787	7090851	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Orange	Sand	Subtle Slope	C	40	Dry	Good	White Spruce
1117774	25/07/2011	536812	7090893	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	White Spruce
1117775	25/07/2011	536861	7090900	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	White Spruce
1117776	25/07/2011	536911	7090911	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	Willows
1117777	25/07/2011	536959	7090921	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Good	Willows
1117778	25/07/2011	537005	7090942	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	Willows
1117779	25/07/2011	537055	7090953	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Good	Willows
1117781	25/07/2011	537104	7090954	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Silt	Subtle Slope	C	30	Dry	Good	Birch Forest
1117782	25/07/2011	537153	7090971	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Birch Forest
1117783	25/07/2011	537200	7090985	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Clay	Subtle Slope	C	40	Dry	Good	Birch Forest
1117784	25/07/2011	537251	7090992	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	Birch Forest
1117785	25/07/2011	537299	7091007	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Clay	Subtle Slope	C	30	Dry	Good	Birch Forest
1117786	25/07/2011	537350	7091014	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Clay	Subtle Slope	C	30	Dry	Good	Birch Forest
1117787	25/07/2011	537397	7091034	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	20	Dry	Good	White Spruce
1117788	25/07/2011	537443	7091055	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Good	Birch Forest
1117790	25/07/2011	537493	7091047	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Subtle Slope	C	20	Dry	Good	Birch Forest
1117791	25/07/2011	537540	7091064	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Sand	Flat	C	60	Dry	Excellent	Birch Forest
1117792	25/07/2011	537589	7091080	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Birch Forest
1117793	25/07/2011	537638	7091090	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Birch Forest
1117794	27/07/2011	538393	7090173	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	White Spruce
1117795	27/07/2011	538442	7090185	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	White Spruce
1117796	27/07/2011	538491	7090199	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	White Spruce
1117797	27/07/2011	538535	7090221	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Good	White Spruce
1117798	27/07/2011	538582	7090241	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Sand	Flat	C	50	Dry	Good	White Spruce
1117799	27/07/2011	538627	7090261	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Orange	Sand	Flat	C	30	Dry	Good	White Spruce
1117800	27/07/2011	538673	7090280	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Sand	Flat	C	30	Dry	Good	White Spruce
1117801	23/07/2011	526702	7091892	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1117802	23/07/2011	526662	7091921	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Old Burn
1117803	23/07/2011	526630	7091957	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1117804	23/07/2011	526594	7091993	UTMZ7N_NAD83	Burnt Moss	Bluish Grey	Sand	Subtle Slope	B	60	Wet	Good	Old Burn
1117805	23/07/2011	526553	7092024	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	Old Burn
1117806	23/07/2011	526516	7092058	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	Old Burn
1117807	23/07/2011	526480	7092095	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Steep	B	40	Damp	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1117808	23/07/2011	526442	7092127	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	B	80	Wet	Good	Old Burn
1117809	23/07/2011	526408	7092165	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	70	Damp	Good	Old Burn
1117810	23/07/2011	526380	7092207	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	B	80	Wet	Good	Old Burn
1117811	23/07/2011	526355	7092250	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Good	Old Burn
1117812	23/07/2011	526321	7092287	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	100	Wet	Good	Old Burn
1117813	23/07/2011	526298	7092332	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Old Burn
1117814	23/07/2011	526259	7092367	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	B	60	Damp	Good	Old Burn
1117815	23/07/2011	526250	7092417	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Pronounced Slope	B	50	Damp	Good	Old Burn
1117816	23/07/2011	526236	7092465	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	B	60	Damp	Good	Old Burn
1117817	23/07/2011	526222	7092513	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	100	Damp	Excellent	Old Burn
1117819	23/07/2011	526207	7092562	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	Old Burn
1117820	23/07/2011	526202	7092612	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Old Burn
1117821	23/07/2011	526171	7092652	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	80	Wet	Good	Old Burn
1117822	23/07/2011	526126	7092675	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	B	40	Wet	Good	Old Burn
1117823	23/07/2011	526082	7092698	UTMZ7N_NAD83	Burnt Moss	Bluish Grey	Sand	Pronounced Slope	C	50	Wet	Good	Old Burn
1117824	23/07/2011	526038	7092721	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Pronounced Slope	B	40	Wet	Good	Old Burn
1117825	23/07/2011	525994	7092747	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	B	60	Wet	Good	Old Burn
1117826	23/07/2011	525947	7092766	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	80	Damp	Good	Old Burn
1117827	23/07/2011	525899	7092783	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	90	Damp	Good	Old Burn
1117828	23/07/2011	525858	7092809	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	90	Damp	Good	Old Burn
1117829	23/07/2011	525814	7092833	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	B	80	Wet	Good	Old Burn
1117830	23/07/2011	525767	7092852	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Steep	B	60	Damp	Good	Old Burn
1117831	23/07/2011	525719	7092871	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Steep	B	80	Wet	Good	Old Burn
1117832	27/07/2011	536938	7088448	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Old Burn
1117833	31/07/2011	534293	7085787	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1117834	27/07/2011	536908	7088491	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	80	Wet	Good	Black Spruce
1117851	22/07/2011	519134	7094119	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	White Spruce
1117852	22/07/2011	519128	7094066	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	50	Dry	Excellent	White Spruce
1117853	22/07/2011	519127	7094015	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Dwarf Birch
1117854	22/07/2011	519123	7093963	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1117855	22/07/2011	519116	7093914	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Excellent	Dwarf Birch
1117858	25/07/2011	534417	7090540	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Dwarf Birch
1117859	25/07/2011	534458	7090569	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1117860	25/07/2011	534503	7090593	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1117861	25/07/2011	534543	7090623	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Dwarf Birch
1117862	25/07/2011	534583	7090654	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1117863	25/07/2011	534625	7090682	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Dwarf Birch
1117864	25/07/2011	534670	7090709	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Dwarf Birch
1117865	25/07/2011	534694	7090753	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Black Spruce
1117866	25/07/2011	534731	7090787	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Black Spruce
1117867	25/07/2011	534772	7090819	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Black Spruce
1117868	25/07/2011	534805	7090858	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Black Spruce
1117869	25/07/2011	534849	7090888	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Black Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1117870	25/07/2011	534900	7090900	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Birch Forest
1117871	25/07/2011	534938	7090933	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	40	Dry	Good	White Spruce
1117872	25/07/2011	534963	7090979	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	50	Damp	Good	Birch Forest
1117873	25/07/2011	534998	7091016	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	50	Dry	Good	Birch Forest
1117874	25/07/2011	535031	7091055	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Birch Forest
1117875	25/07/2011	535056	7091102	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Flat	C	40	Dry	Excellent	Birch Forest
1117876	25/07/2011	535091	7091138	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Birch Forest
1117877	25/07/2011	535128	7091175	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Poplar
1117878	25/07/2011	535162	7091216	UTMZ7N_NAD83	Leaf Cover	Dark Brown	Sand	Subtle Slope	C	40	Dry	Good	Poplar
1117879	25/07/2011	535195	7091253	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	40	Dry	Good	Birch Forest
1117880	25/07/2011	535231	7091289	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Good	Birch Forest
1117881	25/07/2011	535266	7091326	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Good	Birch Forest
1117882	25/07/2011	535294	7091368	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Sand	Flat	C	30	Dry	Good	Birch Forest
1117883	25/07/2011	535338	7091396	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Birch Forest
1117884	25/07/2011	535373	7091433	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Birch Forest
1117885	25/07/2011	535419	7091456	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	40	Dry	Good	Birch Forest
1117886	25/07/2011	535465	7091482	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	40	Dry	Good	Birch Forest
1117887	25/07/2011	535509	7091509	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Birch Forest
1117888	25/07/2011	535551	7091548	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Birch Forest
1117889	29/07/2011	529946	7084829	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Pronounced Slope	C	50	Dry	Excellent	Dwarf Birch
1117891	29/07/2011	529930	7084781	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	50	Damp	Good	Black Spruce
1117892	29/07/2011	529908	7084734	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	40	Damp	Good	Willows
1117893	29/07/2011	529907	7084683	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	40	Wet	Good	Black Spruce
1117894	29/07/2011	529882	7084640	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Pronounced Slope	B	40	Damp	Poor	Black Spruce
1117895	29/07/2011	529867	7084592	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	B	40	Wet	Good	Willows
1117896	29/07/2011	529856	7084543	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	Dwarf Birch
1117897	29/07/2011	529846	7084494	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Pronounced Slope	B	40	Damp	Good	Black Spruce
1117898	29/07/2011	529896	7084500	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Steep	B	30	Damp	Good	Black Spruce
1117899	29/07/2011	529948	7084501	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Steep	C	60	Damp	Good	Dwarf Birch
1117900	29/07/2011	529996	7084512	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Steep	B	50	Damp	Poor	Black Spruce
1117901	21/07/2011	526164	7088399	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Steep	B	80	Damp	Good	No Tree Cover
1117902	21/07/2011	526164	7088449	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Steep	B	60	Damp	Good	No Tree Cover
1117903	21/07/2011	526164	7088500	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Pronounced Slope	B	50	Wet	Good	No Tree Cover
1117904	21/07/2011	526163	7088550	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	B	70	Damp	Good	No Tree Cover
1117905	21/07/2011	526164	7088600	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	70	Damp	Good	No Tree Cover
1117906	21/07/2011	526163	7088650	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1117907	21/07/2011	526164	7088699	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	50	Wet	Good	Dwarf Birch
1117908	21/07/2011	526164	7088750	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	No Tree Cover
1117909	21/07/2011	526161	7088799	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	80	Wet	Good	Old Burn
1117910	21/07/2011	526162	7088849	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	70	Wet	Good	Old Burn
1117911	21/07/2011	526164	7088900	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Pronounced Slope	B	60	Damp	Good	Old Burn
1117912	21/07/2011	526163	7088949	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Old Burn
1117913	21/07/2011	526163	7089001	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1117914	21/07/2011	526164	7089049	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	B	50	Wet	Good	No Tree Cover
1117915	21/07/2011	526164	7089098	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	No Tree Cover
1117916	21/07/2011	526164	7089148	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	No Tree Cover
1117918	21/07/2011	526165	7089200	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	70	Wet	Good	No Tree Cover
1117919	21/07/2011	526164	7089249	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1117920	21/07/2011	526168	7089299	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1117921	21/07/2011	526166	7089349	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Good	No Tree Cover
1117922	21/07/2011	526163	7089399	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	60	Damp	Good	No Tree Cover
1117923	21/07/2011	526163	7089449	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Good	No Tree Cover
1117924	21/07/2011	526164	7089501	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	60	Damp	Good	No Tree Cover
1117925	21/07/2011	526164	7089550	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Old Burn
1117926	21/07/2011	526165	7089599	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Pronounced Slope	C	70	Wet	Good	Old Burn
1117927	21/07/2011	526162	7089651	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Good	Old Burn
1117928	21/07/2011	526164	7089700	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1117929	21/07/2011	526165	7089748	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	100	Wet	Good	Old Burn
1117930	21/07/2011	526166	7089800	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Willows
1117932	21/07/2011	526165	7089849	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Dwarf Birch
1117933	21/07/2011	526162	7089899	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1118001	28/07/2011	537746	7086360	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	70	Damp	Good	Dwarf Birch
1118002	28/07/2011	537793	7086379	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	Dwarf Birch
1118003	28/07/2011	537840	7086395	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	70	Damp	Good	Dwarf Birch
1118004	28/07/2011	537889	7086401	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1118005	28/07/2011	537934	7086426	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	Dwarf Birch
1118006	28/07/2011	537981	7086442	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	80	Damp	Good	Dwarf Birch
1118007	28/07/2011	538027	7086461	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	60	Damp	Good	Dwarf Birch
1118008	28/07/2011	538075	7086466	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Excellent	Dwarf Birch
1118009	28/07/2011	538121	7086485	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	80	Damp	Good	Dwarf Birch
1118010	28/07/2011	538168	7086502	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1118011	28/07/2011	538204	7086536	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Wet	Good	Dwarf Birch
1118012	28/07/2011	538235	7086576	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	70	Wet	Good	Black Spruce
1118013	28/07/2011	538275	7086606	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1118014	28/07/2011	538308	7086643	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Dwarf Birch
1118015	28/07/2011	538336	7086686	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	Dwarf Birch
1118016	28/07/2011	538369	7086724	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Wet	Good	Dwarf Birch
1118017	28/07/2011	538407	7086757	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	60	Wet	Good	Black Spruce
1118018	28/07/2011	538434	7086801	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	60	Wet	Good	Black Spruce
1118019	28/07/2011	538471	7086835	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Pronounced Slope	B	70	Wet	Good	Black Spruce
1118020	28/07/2011	538510	7086867	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	Black Spruce
1118021	28/07/2011	538542	7086907	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	Black Spruce
1118022	28/07/2011	538576	7086945	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	60	Damp	Good	Dwarf Birch
1118023	28/07/2011	538616	7086976	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Black Spruce
1118024	28/07/2011	538642	7087019	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Bluish Grey	Sand	Subtle Slope	B	40	Wet	Good	Black Spruce
1118025	28/07/2011	538678	7087054	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	70	Damp	Good	Black Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1118026	28/07/2011	538711	7087090	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1118027	28/07/2011	538740	7087131	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	70	Damp	Good	Black Spruce
1118028	28/07/2011	538774	7087168	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1118029	28/07/2011	538814	7087199	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	Old Burn
1118030	28/07/2011	538847	7087236	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Good	Old Burn
1118032	28/07/2011	538895	7087253	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1118033	28/07/2011	538939	7087276	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Black Spruce
1118034	31/07/2011	533916	7086323	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Black Spruce
1118036	31/07/2011	534390	7085665	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	Black Spruce
1118042	31/07/2011	534313	7085739	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Good	Black Spruce
1118043	31/07/2011	534348	7085698	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Wet	Good	Black Spruce
1118051	29/07/2011	533486	7088236	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Silt	Subtle Slope	B	80	Wet	Poor	Old Burn
1118052	29/07/2011	533435	7088244	UTMZ7N_NAD83	Burnt Moss	Grey	Silt	Subtle Slope	B	50	Wet	Poor	Old Burn
1118053	29/07/2011	533385	7088250	UTMZ7N_NAD83	Burnt Moss	Grey	Sand	Subtle Slope	B	70	Wet	Poor	Old Burn
1118054	29/07/2011	533335	7088256	UTMZ7N_NAD83	Burnt Moss	Grey	Silt	Subtle Slope	B	50	Wet	Poor	Old Burn
1118055	29/07/2011	533284	7088259	UTMZ7N_NAD83	Burnt Moss	Grey	Silt	Subtle Slope	B	40	Wet	Poor	Old Burn
1118056	29/07/2011	533234	7088268	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Old Burn
1118057	29/07/2011	533182	7088268	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Silt	Subtle Slope	B	60	Damp	Good	Old Burn
1118058	29/07/2011	533131	7088276	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	70	Damp	Good	Old Burn
1118059	29/07/2011	533081	7088274	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	60	Wet	Good	Old Burn
1118060	29/07/2011	533030	7088275	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	50	Wet	Good	Old Burn
1118061	29/07/2011	532977	7088276	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	90	Wet	Good	Old Burn
1118062	29/07/2011	532926	7088277	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	50	Wet	Poor	Old Burn
1118063	29/07/2011	532879	7088297	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	70	Damp	Good	Old Burn
1118064	29/07/2011	532826	7088292	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	60	Wet	Poor	Old Burn
1118065	29/07/2011	532775	7088298	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	50	Wet	Poor	Old Burn
1118066	29/07/2011	532730	7088320	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Silt	Subtle Slope	B	40	Wet	Poor	Old Burn
1118067	29/07/2011	532682	7088339	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1118068	29/07/2011	532635	7088361	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Old Burn
1118069	29/07/2011	532591	7088388	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	50	Wet	Good	Old Burn
1118070	29/07/2011	532546	7088412	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Silt	Subtle Slope	B	40	Damp	Good	Old Burn
1118071	29/07/2011	532498	7088432	UTMZ7N_NAD83	Burnt Moss	Grey	Silt	Subtle Slope	B	40	Wet	Poor	Old Burn
1118072	29/07/2011	532453	7088454	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Silt	Subtle Slope	B	40	Wet	Poor	Old Burn
1118073	29/07/2011	532408	7088481	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Old Burn
1118074	29/07/2011	532368	7088512	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Poor	Old Burn
1118075	29/07/2011	532326	7088541	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1118076	29/07/2011	532285	7088572	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	50	Wet	Good	Old Burn
1118077	29/07/2011	532240	7088598	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	60	Wet	Good	Old Burn
1118078	29/07/2011	532200	7088630	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Old Burn
1118079	29/07/2011	532164	7088665	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Old Burn
1118080	29/07/2011	532119	7088690	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	50	Wet	Good	Old Burn
1118081	29/07/2011	532081	7088723	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1118083	29/07/2011	532039	7088754	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1118084	30/07/2011	532316	7083790	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1118085	30/07/2011	532359	7083765	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Dwarf Birch
1118086	30/07/2011	532405	7083742	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Dwarf Birch
1118087	30/07/2011	532450	7083720	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1118088	30/07/2011	532500	7083713	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1118089	30/07/2011	532553	7083714	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1118090	30/07/2011	532595	7083685	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1118091	30/07/2011	532643	7083670	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Damp	Good	No Tree Cover
1118092	30/07/2011	532696	7083664	UTMZ7N_NAD83	Bare Soil	Dark Brown	Sand	Flat	C	50	Dry	Excellent	No Tree Cover
1118093	30/07/2011	532747	7083667	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Wet	Good	Dwarf Birch
1118094	30/07/2011	532795	7083649	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Damp	Good	Dwarf Birch
1118095	30/07/2011	532835	7083617	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Flat	C	40	Dry	Good	Dwarf Birch
1118096	30/07/2011	532884	7083599	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Good	Dwarf Birch
1118097	30/07/2011	532936	7083588	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Dwarf Birch
1118098	30/07/2011	532985	7083578	UTMZ7N_NAD83	Bare Soil	Dark Grey Black	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1118099	30/07/2011	533023	7083548	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Flat	C	40	Dry	Excellent	Dwarf Birch
1118100	30/07/2011	533072	7083533	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Damp	Good	Dwarf Birch
1118101	21/07/2011	525864	7089450	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	Dwarf Birch
1118102	21/07/2011	525864	7089500	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Dwarf Birch
1118103	21/07/2011	525864	7089550	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	Dwarf Birch
1118104	21/07/2011	525864	7089600	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	60	Dry	Good	Black Spruce
1118105	21/07/2011	525864	7089650	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Wet	Good	Black Spruce
1118106	21/07/2011	525864	7089700	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Black Spruce
1118107	21/07/2011	525864	7089750	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Subtle Slope	B	70	Dry	Good	Black Spruce
1118108	21/07/2011	525864	7089800	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Black Spruce
1118109	21/07/2011	525864	7089850	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Black Spruce
1118111	21/07/2011	525864	7089900	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Black Spruce
1118112	21/07/2011	525964	7089900	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1118113	21/07/2011	525964	7089850	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Black Spruce
1118114	21/07/2011	525964	7089800	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Black Spruce
1118115	21/07/2011	525964	7089750	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1118116	23/07/2011	525567	7088401	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Silt	Steep	B	30	Damp	Poor	No Tree Cover
1118117	23/07/2011	525564	7088450	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	B	100	Wet	Good	No Tree Cover
1118118	23/07/2011	525564	7088500	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	B	30	Damp	Good	No Tree Cover
1118119	23/07/2011	525564	7088550	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	B	40	Damp	Good	No Tree Cover
1118120	23/07/2011	525564	7088600	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	B	60	Damp	Good	No Tree Cover
1118121	23/07/2011	525564	7088650	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	B	50	Damp	Good	No Tree Cover
1118122	23/07/2011	525564	7088700	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	B	50	Damp	Good	Dwarf Birch
1118123	23/07/2011	525564	7088750	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Good	No Tree Cover
1118124	23/07/2011	525564	7088800	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Silt	Steep	B	30	Damp	Good	No Tree Cover
1118125	23/07/2011	525564	7088850	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1118126	23/07/2011	525564	7088900	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1118127	23/07/2011	525564	7088950	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1118128	23/07/2011	525564	7089000	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Wet	Good	No Tree Cover
1118129	23/07/2011	525564	7089050	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	Dwarf Birch
1118130	23/07/2011	525564	7089100	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Wet	Good	Dwarf Birch
1118131	23/07/2011	525564	7089150	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Wet	Good	No Tree Cover
1118132	23/07/2011	525564	7089200	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Good	Dwarf Birch
1118133	23/07/2011	525564	7089250	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	70	Wet	Poor	Willows
1118134	23/07/2011	525564	7089300	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Black Spruce
1118135	23/07/2011	525564	7089350	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Subtle Slope	B	50	Wet	Poor	Dwarf Birch
1118136	23/07/2011	525564	7089450	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Subtle Slope	B	50	Wet	Poor	Dwarf Birch
1118137	23/07/2011	525564	7089500	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Subtle Slope	B	40	Wet	Poor	Black Spruce
1118138	23/07/2011	525564	7089550	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Wet	Poor	Dwarf Birch
1118139	23/07/2011	525564	7089600	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	50	Damp	Poor	Black Spruce
1118140	23/07/2011	525564	7089650	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Good	Black Spruce
1118141	23/07/2011	525564	7089700	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Poor	Black Spruce
1118142	23/07/2011	525564	7089800	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Good	Black Spruce
1118143	23/07/2011	525564	7089850	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Wet	Good	Black Spruce
1118144	23/07/2011	525564	7089900	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	40	Wet	Poor	Black Spruce
1118145	24/07/2011	526949	7092120	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Old Burn
1118146	24/07/2011	526974	7092165	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1118147	24/07/2011	527006	7092204	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1118151	30/07/2011	535140	7083752	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Dwarf Birch
1118152	30/07/2011	535100	7083724	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1118153	30/07/2011	535056	7083699	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Good	Dwarf Birch
1118154	30/07/2011	535011	7083677	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Black Spruce
1118155	30/07/2011	534969	7083651	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1118156	30/07/2011	534926	7083624	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1118157	30/07/2011	534883	7083599	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1118158	30/07/2011	534839	7083575	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1118159	30/07/2011	534793	7083552	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	60	Damp	Good	Black Spruce
1118160	30/07/2011	534745	7083537	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Black Spruce
1118161	30/07/2011	534696	7083525	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Black Spruce
1118162	30/07/2011	534648	7083513	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Black Spruce
1118163	30/07/2011	534599	7083502	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Dwarf Birch
1118164	30/07/2011	534551	7083487	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1118165	30/07/2011	534503	7083475	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Good	Dwarf Birch
1118166	30/07/2011	534455	7083463	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Dwarf Birch
1118167	30/07/2011	534406	7083446	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1118168	30/07/2011	534358	7083433	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1118169	30/07/2011	534310	7083420	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	Dwarf Birch
1118170	30/07/2011	534260	7083409	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Dwarf Birch
1118171	30/07/2011	534212	7083399	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	B	40	Damp	Good	Dwarf Birch
1118172	30/07/2011	534167	7083375	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Black Spruce
1118173	30/07/2011	534122	7083353	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Good	Black Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1118174	30/07/2011	534076	7083330	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Good	Dwarf Birch
1118175	30/07/2011	534032	7083309	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Black Spruce
1118176	30/07/2011	533987	7083286	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1118177	30/07/2011	533942	7083266	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Subtle Slope	B	60	Damp	Poor	Dwarf Birch
1118178	30/07/2011	533895	7083244	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	Willows
1118179	30/07/2011	533851	7083222	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Willows
1118180	30/07/2011	533807	7083198	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	70	Wet	Good	Willows
1118181	30/07/2011	533762	7083177	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Dwarf Birch
1118182	30/07/2011	533762	7083177	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Dwarf Birch
1118183	30/07/2011	533719	7083150	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Dwarf Birch
1118184	31/07/2011	534264	7085828	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Dwarf Birch
1118185	31/07/2011	534233	7085869	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Wet	Good	Dwarf Birch
1118201	28/07/2011	537169	7084498	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	60	Damp	Good	Dwarf Birch
1118202	28/07/2011	537178	7084547	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Sand	Subtle Slope	C	70	Dry	Excellent	Dwarf Birch
1118203	28/07/2011	537197	7084594	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	30	Damp	Good	Dwarf Birch
1118204	28/07/2011	537215	7084644	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1118205	28/07/2011	537216	7084698	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Flat	C	50	Dry	Excellent	Dwarf Birch
1118206	28/07/2011	537215	7084750	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1118218	28/07/2011	537491	7085297	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Black Spruce
1118220	28/07/2011	537524	7085335	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Black Spruce
1118221	28/07/2011	537560	7085371	UTMZ7N_NAD83	Thin Moss Cover	Dark Grey Black	Sand	Subtle Slope	C	50	Dry	Excellent	Dwarf Birch
1118223	28/07/2011	537571	7085420	UTMZ7N_NAD83	Thin Moss Cover	Dark Grey Black	Sand	Subtle Slope	C	70	Dry	Excellent	Dwarf Birch
1118226	30/07/2011	533117	7083505	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Flat	C	50	Dry	Excellent	Dwarf Birch
1118227	30/07/2011	533166	7083490	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1118228	30/07/2011	533217	7083479	UTMZ7N_NAD83	Bare Soil	Dark Brown	Sand	Flat	C	20	Damp	Good	No Tree Cover
1118229	30/07/2011	533267	7083466	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1118230	30/07/2011	533319	7083470	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Flat	C	50	Dry	Excellent	No Tree Cover
1118232	30/07/2011	533370	7083463	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1118233	30/07/2011	533419	7083446	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1118234	30/07/2011	533457	7083409	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1118235	30/07/2011	533495	7083375	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Damp	Good	No Tree Cover
1118236	30/07/2011	533532	7083340	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Damp	Good	Dwarf Birch
1118237	30/07/2011	533567	7083301	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Damp	Good	Dwarf Birch
1118238	30/07/2011	533605	7083266	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Dwarf Birch
1118239	30/07/2011	533632	7083223	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	30	Damp	Good	Dwarf Birch
1118240	30/07/2011	533674	7083192	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1118241	31/07/2011	534201	7085912	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	80	Damp	Good	Dwarf Birch
1118242	31/07/2011	534157	7085940	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Wet	Good	Dwarf Birch
1118243	31/07/2011	534119	7085972	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Dwarf Birch
1118244	31/07/2011	534077	7086002	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	60	Wet	Good	Black Spruce
1118245	31/07/2011	534717	7085344	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1118246	31/07/2011	534675	7085375	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1118247	31/07/2011	534638	7085410	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Dwarf Birch

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1118248	31/07/2011	534611	7085455	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	70	Damp	Good	Dwarf Birch
1118249	31/07/2011	534569	7085483	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Dwarf Birch
1118250	31/07/2011	534531	7085518	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1118251	28/07/2011	537648	7087070	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Dry	Good	Black Spruce
1118252	28/07/2011	537640	7087133	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Dwarf Birch
1118253	28/07/2011	537626	7087175	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	70	Damp	Good	Black Spruce
1118254	28/07/2011	537618	7087226	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	70	Damp	Good	Dwarf Birch
1118255	28/07/2011	537602	7087276	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	Dwarf Birch
1118256	28/07/2011	537599	7087329	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Dwarf Birch
1118257	28/07/2011	537620	7087390	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1118258	28/07/2011	537668	7087444	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Excellent	Black Spruce
1118259	28/07/2011	537658	7087478	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	40	Wet	Good	Dwarf Birch
1118260	28/07/2011	537643	7087516	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Sand	Flat	C	40	Wet	Good	Old Burn
1118261	28/07/2011	537667	7087561	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1118262	28/07/2011	537681	7087603	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	60	Dry	Good	Old Burn
1118263	28/07/2011	537698	7087655	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	50	Damp	Good	Old Burn
1118264	28/07/2011	537739	7087695	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Sand	Pronounced Slope	C	70	Dry	Good	Old Burn
1118266	28/07/2011	537745	7087740	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1118267	28/07/2011	537762	7087787	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Old Burn
1118268	28/07/2011	537778	7087834	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1118269	28/07/2011	537826	7087882	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1118270	28/07/2011	537870	7087914	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1118271	28/07/2011	537903	7087957	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Good	Old Burn
1118272	28/07/2011	537944	7087992	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Good	Old Burn
1118273	28/07/2011	537979	7088023	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Black Spruce
1118274	28/07/2011	538018	7088057	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Wet	Good	Black Spruce
1118275	28/07/2011	538056	7088089	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	70	Wet	Good	Black Spruce
1118276	28/07/2011	538091	7088129	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	90	Wet	Poor	Black Spruce
1118277	28/07/2011	538129	7088159	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Flat	C	90	Wet	Poor	Black Spruce
1118278	28/07/2011	538165	7088197	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	60	Damp	Good	Black Spruce
1118279	28/07/2011	538201	7088229	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	50	Wet	Good	Black Spruce
1118280	28/07/2011	538239	7088266	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1118281	28/07/2011	538274	7088296	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Sand	Subtle Slope	C	60	Damp	Good	Black Spruce
1118282	28/07/2011	538310	7088331	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1118283	31/07/2011	533803	7086556	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	60	Damp	Good	Black Spruce
1118284	31/07/2011	533787	7086605	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Wet	Good	Black Spruce
1118301	28/07/2011	537589	7085476	UTMZ7N_NAD83	Thin Moss Cover	Grey	Clay	Subtle Slope	B	50	Damp	Good	Black Spruce
1118302	28/07/2011	537612	7085521	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Flat	C	30	Dry	Good	Black Spruce
1118303	28/07/2011	537636	7085567	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Black Spruce
1118304	28/07/2011	537654	7085615	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Good	Black Spruce
1118305	28/07/2011	537672	7085662	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Black Spruce
1118306	28/07/2011	537671	7085713	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Good	Black Spruce
1118307	28/07/2011	537665	7085762	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Black Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1118308	28/07/2011	537659	7085812	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Black Spruce
1118309	28/07/2011	537655	7085862	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Good	Black Spruce
1118310	28/07/2011	537653	7085913	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Clay	Subtle Slope	B	30	Damp	Good	Black Spruce
1118311	28/07/2011	537650	7085963	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Black Spruce
1118312	28/07/2011	537650	7086014	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Black Spruce
1118313	28/07/2011	537649	7086064	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Black Spruce
1118314	28/07/2011	537655	7086114	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Black Spruce
1118315	28/07/2011	537657	7086164	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Good	Black Spruce
1118316	28/07/2011	537661	7086213	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Good	Black Spruce
1118317	28/07/2011	537662	7086264	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Black Spruce
1118318	28/07/2011	537677	7086312	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Black Spruce
1118319	28/07/2011	537683	7086362	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Black Spruce
1118320	28/07/2011	537702	7086407	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Clay	Subtle Slope	B	60	Damp	Good	Black Spruce
1118321	28/07/2011	537722	7086453	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Black Spruce
1118322	28/07/2011	537739	7086500	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Good	Black Spruce
1118323	28/07/2011	537750	7086550	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Good	Black Spruce
1118324	28/07/2011	537743	7086599	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Silt	Subtle Slope	B	60	Damp	Poor	Black Spruce
1118325	28/07/2011	537739	7086649	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Black Spruce
1118326	28/07/2011	537735	7086699	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Black Spruce
1118327	28/07/2011	537729	7086748	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Black Spruce
1118328	28/07/2011	537722	7086799	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Black Spruce
1118329	28/07/2011	537715	7086849	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Good	Black Spruce
1118330	28/07/2011	537713	7086899	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Black Spruce
1118331	28/07/2011	537691	7086944	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Black Spruce
1118333	28/07/2011	537665	7086989	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Good	Black Spruce
1118334	28/07/2011	537662	7087039	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Black Spruce
1118336	29/07/2011	529852	7085556	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Silt	Pronounced Slope	B	30	Damp	Good	Black Spruce
1118337	29/07/2011	529861	7085510	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Good	Dwarf Birch
1118338	29/07/2011	529871	7085461	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Good	Black Spruce
1118339	29/07/2011	529884	7085413	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	60	Dry	Good	Dwarf Birch
1118340	29/07/2011	529888	7085362	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Pronounced Slope	B	30	Damp	Poor	Black Spruce
1118341	29/07/2011	529898	7085313	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	Dwarf Birch
1118342	29/07/2011	529909	7085264	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Good	Dwarf Birch
1118343	29/07/2011	529920	7085216	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	Dwarf Birch
1118344	29/07/2011	529932	7085167	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Black Spruce
1118345	29/07/2011	529940	7085117	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	Black Spruce
1118346	29/07/2011	529956	7085069	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	60	Damp	Good	Black Spruce
1118347	29/07/2011	529960	7085019	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	50	Damp	Good	Black Spruce
1118348	29/07/2011	529971	7084971	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Good	Black Spruce
1118349	29/07/2011	529980	7084922	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	80	Wet	Good	Black Spruce
1118350	29/07/2011	529963	7084875	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	60	Damp	Good	Black Spruce
1118351	30/07/2011	535189	7083739	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Good	Dwarf Birch
1118352	30/07/2011	535235	7083719	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Dwarf Birch

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1118353	30/07/2011	535279	7083696	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Dwarf Birch
1118354	30/07/2011	535329	7083686	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Dwarf Birch
1118355	30/07/2011	535374	7083665	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1118356	30/07/2011	535420	7083646	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Dwarf Birch
1118357	30/07/2011	535468	7083631	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1118358	30/07/2011	535513	7083612	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1118359	30/07/2011	535557	7083589	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Dwarf Birch
1118360	30/07/2011	535605	7083574	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1118361	30/07/2011	535652	7083557	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1118362	30/07/2011	535698	7083536	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1118363	30/07/2011	535747	7083528	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1118364	30/07/2011	535797	7083517	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Dwarf Birch
1118365	30/07/2011	535847	7083509	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1118366	30/07/2011	535895	7083496	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1118367	30/07/2011	535945	7083491	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1118368	30/07/2011	535995	7083491	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1118370	30/07/2011	536043	7083508	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Dwarf Birch
1118371	30/07/2011	536088	7083529	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1118372	30/07/2011	536130	7083557	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1118373	30/07/2011	536174	7083580	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Dwarf Birch
1118374	30/07/2011	536218	7083606	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Good	Dwarf Birch
1118375	30/07/2011	536260	7083634	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Dwarf Birch
1118376	30/07/2011	536302	7083662	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1118377	30/07/2011	536348	7083681	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1118378	30/07/2011	536387	7083713	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Dwarf Birch
1118379	30/07/2011	536433	7083734	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Wet	Good	Dwarf Birch
1118380	30/07/2011	536473	7083765	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	60	Damp	Good	Dwarf Birch
1118382	30/07/2011	536518	7083787	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Dwarf Birch
1118383	30/07/2011	536560	7083815	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Dwarf Birch
1118384	30/07/2011	536604	7083839	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1118385	31/07/2011	534498	7085558	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	80	Wet	Good	Black Spruce
1118386	31/07/2011	535173	7086861	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1118387	31/07/2011	535196	7086906	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Old Burn
1118388	31/07/2011	535232	7086942	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	Old Burn
1118389	31/07/2011	535257	7086984	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1118390	31/07/2011	535287	7087024	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1118391	31/07/2011	535314	7087067	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Old Burn
1118392	31/07/2011	535344	7087107	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	70	Damp	Good	Old Burn
1118393	31/07/2011	535362	7087154	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Old Burn
1118394	31/07/2011	535391	7087194	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Wet	Good	Black Spruce
1118395	31/07/2011	535424	7087235	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	80	Damp	Good	Old Burn
1118396	31/07/2011	535449	7087278	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	80	Damp	Good	Old Burn
1118398	31/07/2011	535490	7087308	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1118399	31/07/2011	535532	7087337	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	80	Damp	Good	Old Burn
1118400	31/07/2011	535574	7087365	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1118401	29/07/2011	530426	7088929	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Good	Dwarf Birch
1118402	29/07/2011	530481	7088938	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Good	Old Burn
1118403	29/07/2011	530544	7088904	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Pronounced Slope	C	90	Wet	Poor	Dwarf Birch
1118404	29/07/2011	530597	7088913	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	90	Damp	Good	Black Spruce
1118405	29/07/2011	530644	7088909	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	80	Wet	Poor	Old Burn
1118406	29/07/2011	530697	7088901	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	90	Wet	Good	Old Burn
1118407	29/07/2011	530748	7088898	UTMZ7N_NAD83	Bare Soil	Dark Brown	Sand	Subtle Slope	C	70	Wet	Good	Old Burn
1118408	29/07/2011	530797	7088894	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Pronounced Slope	C	80	Damp	Good	Black Spruce
1118409	29/07/2011	530843	7088891	UTMZ7N_NAD83	Bare Soil	Grey	Sand	Pronounced Slope	C	70	Damp	Good	Old Burn
1118410	29/07/2011	530897	7088881	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Pronounced Slope	B	60	Damp	Good	Black Spruce
1118411	29/07/2011	530947	7088874	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Pronounced Slope	C	70	Damp	Good	Old Burn
1118412	29/07/2011	530993	7088873	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Pronounced Slope	C	60	Wet	Good	Black Spruce
1118413	29/07/2011	531045	7088864	UTMZ7N_NAD83	Bare Soil	Dark Brown	Sand	Pronounced Slope	C	60	Damp	Excellent	Old Burn
1118414	29/07/2011	531094	7088860	UTMZ7N_NAD83	Bare Soil	Dark Brown	Sand	Pronounced Slope	C	70	Damp	Good	Old Burn
1118415	29/07/2011	531143	7088857	UTMZ7N_NAD83	Bare Soil	Dark Brown	Sand	Pronounced Slope	C	80	Damp	Good	Old Burn
1118416	29/07/2011	531194	7088849	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	80	Damp	Good	Old Burn
1118417	29/07/2011	531245	7088845	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Pronounced Slope	C	70	Wet	Good	Old Burn
1118418	29/07/2011	531303	7088837	UTMZ7N_NAD83	Bare Soil	Dark Brown	Sand	Pronounced Slope	C	70	Damp	Good	Old Burn
1118419	29/07/2011	531353	7088844	UTMZ7N_NAD83	Bare Soil	Dark Brown	Sand	Pronounced Slope	C	60	Dry	Good	Old Burn
1118420	29/07/2011	531404	7088836	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	70	Damp	Good	Old Burn
1118421	29/07/2011	531459	7088832	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Pronounced Slope	C	60	Wet	Good	Black Spruce
1118422	29/07/2011	531513	7088821	UTMZ7N_NAD83	Bare Soil	Dark Brown	Sand	Pronounced Slope	C	70	Damp	Good	Old Burn
1118423	29/07/2011	531572	7088821	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	80	Wet	Good	Old Burn
1118424	29/07/2011	531626	7088813	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	80	Damp	Good	Old Burn
1118425	29/07/2011	531676	7088813	UTMZ7N_NAD83	Bare Soil	Dark Brown	Sand	Pronounced Slope	C	90	Dry	Good	Old Burn
1118427	29/07/2011	531729	7088810	UTMZ7N_NAD83	Bare Soil	Dark Brown	Sand	Subtle Slope	C	60	Damp	Poor	Old Burn
1118428	29/07/2011	531782	7088805	UTMZ7N_NAD83	Bare Soil	Dark Brown	Sand	Pronounced Slope	C	80	Damp	Good	Old Burn
1118429	29/07/2011	531835	7088803	UTMZ7N_NAD83	Bare Soil	Dark Brown	Sand	Subtle Slope	C	100	Wet	Poor	Old Burn
1118430	29/07/2011	531881	7088800	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	80	Wet	Good	Old Burn
1118431	29/07/2011	531929	7088796	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	70	Damp	Good	Old Burn
1118432	29/07/2011	531982	7088790	UTMZ7N_NAD83	Bare Soil	Dark Blue Black	Sand	Subtle Slope	C	80	Dry	Good	Old Burn
1118433	02/08/2011	536083	7079158	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Old Burn
1118434	02/08/2011	536097	7079111	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1118716	30/07/2011	536563	7082922	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Dwarf Birch
1118717	30/07/2011	536605	7082885	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Poplar
1118718	30/07/2011	536641	7082853	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	80	Dry	Excellent	Dwarf Birch
1118719	30/07/2011	536677	7082815	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1118720	30/07/2011	536712	7082784	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Poplar
1118721	30/07/2011	536750	7082750	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	70	Dry	Good	Poplar
1118722	30/07/2011	536776	7082706	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Dwarf Birch
1118723	30/07/2011	536800	7082659	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Poplar

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1118724	30/07/2011	536819	7082611	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	70	Dry	Good	Poplar
1118725	30/07/2011	536843	7082567	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Subtle Slope	C	60	Dry	Good	Birch Forest
1118726	30/07/2011	536863	7082524	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Birch Forest
1118950	02/08/2011	535242	7081418	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Clay	Flat	C	50	Dry	Good	Dwarf Birch
1118951	02/08/2011	535965	7080851	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Black Spruce
1118952	02/08/2011	536005	7080819	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	Black Spruce
1118953	02/08/2011	536045	7080790	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Black Spruce
1118954	02/08/2011	536087	7080763	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	40	Damp	Good	Black Spruce
1118955	02/08/2011	536127	7080734	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	80	Damp	Good	Black Spruce
1118956	02/08/2011	536165	7080703	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Good	Black Spruce
1118957	02/08/2011	536205	7080673	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Pronounced Slope	B	40	Damp	Good	Black Spruce
1118958	02/08/2011	536244	7080640	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Clay	Pronounced Slope	B	50	Wet	Good	Birch Forest
1118959	02/08/2011	536286	7080613	UTMZ7N_NAD83	Grass Cover	Grey	Clay	Subtle Slope	B	60	Damp	Good	Birch Forest
1118960	02/08/2011	536324	7080581	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	80	Damp	Good	Birch Forest
1119214	02/08/2011	533544	7081935	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Dwarf Birch
1119215	02/08/2011	533514	7081894	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	60	Dry	Good	Dwarf Birch
1119216	02/08/2011	533483	7081854	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	70	Dry	Good	Poplar
1119217	02/08/2011	533467	7081804	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Subtle Slope	C	50	Dry	Good	Poplar
1119218	02/08/2011	533458	7081755	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Subtle Slope	C	50	Damp	Good	Poplar
1119219	02/08/2011	533451	7081704	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Poplar
1119220	02/08/2011	533439	7081656	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Dry	Good	Dwarf Birch
1119221	02/08/2011	533447	7081606	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1119222	02/08/2011	533459	7081557	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	Dwarf Birch
1119223	02/08/2011	533448	7081506	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Flat	C	20	Dry	Good	Dwarf Birch
1119224	02/08/2011	533437	7081456	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Flat	C	30	Dry	Excellent	Dwarf Birch
1119607	25/07/2011	535140	7089964	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Black Spruce
1119608	25/07/2011	535181	7089937	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Good	Black Spruce
1119609	25/07/2011	535223	7089909	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Black Spruce
1119610	25/07/2011	535259	7089875	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Good	Black Spruce
1119611	25/07/2011	535289	7089834	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Black Spruce
1119612	25/07/2011	535324	7089799	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Good	Black Spruce
1119613	25/07/2011	535354	7089760	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Black Spruce
1119614	25/07/2011	535389	7089725	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	50	Dry	Good	Black Spruce
1119615	25/07/2011	535425	7089687	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Black Spruce
1119616	25/07/2011	535457	7089649	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Good	Black Spruce
1119617	25/07/2011	535488	7089609	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Black Spruce
1119826	24/07/2011	528122	7094319	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Old Burn
1119827	24/07/2011	528129	7094369	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1119828	24/07/2011	528134	7094419	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Old Burn
1119829	24/07/2011	528139	7094469	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	70	Dry	Excellent	Old Burn
1119831	24/07/2011	528144	7094519	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	C	60	Dry	Good	Old Burn
1119833	24/07/2011	528149	7094566	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	C	60	Dry	Good	Old Burn
1119834	24/07/2011	528158	7094617	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	C	60	Dry	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1119836	27/07/2011	537151	7088297	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1118451	21/07/2011	526064	7088400	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Steep	B	30	Damp	Good	No Tree Cover
1118452	21/07/2011	526064	7088450	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Steep	C	30	Damp	Good	Dwarf Birch
1118453	21/07/2011	526061	7088498	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Steep	C	20	Dry	Good	Dwarf Birch
1118454	21/07/2011	526065	7088549	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Steep	B	30	Damp	Good	No Tree Cover
1118455	21/07/2011	526063	7088600	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	Willows
1118456	21/07/2011	526063	7088649	UTMZ7N_NAD83	Bare Soil	Dark Brown	Silt	Pronounced Slope	B	50	Dry	Good	Old Burn
1118457	21/07/2011	526063	7088701	UTMZ7N_NAD83	Grass Cover	Dark Brown	Silt	Pronounced Slope	B	40	Damp	Poor	Old Burn
1118458	21/07/2011	526063	7088751	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Excellent	Old Burn
1118459	21/07/2011	526063	7088800	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Pronounced Slope	B	60	Damp	Good	Black Spruce
1118460	21/07/2011	526064	7088850	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Wet	Good	No Tree Cover
1118461	21/07/2011	526063	7088900	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	No Tree Cover
1118462	21/07/2011	526065	7088951	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Dwarf Birch
1118463	21/07/2011	526064	7089002	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Pronounced Slope	B	20	Damp	Good	Dwarf Birch
1118464	21/07/2011	526064	7089052	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Good	Dwarf Birch
1118465	21/07/2011	526063	7089101	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Good	No Tree Cover
1118466	21/07/2011	526063	7089153	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Good	No Tree Cover
1118467	21/07/2011	526063	7089198	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	C	20	Dry	Good	Black Spruce
1118468	21/07/2011	526062	7089250	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Pronounced Slope	B	40	Dry	Poor	Dwarf Birch
1118469	21/07/2011	526063	7089300	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Pronounced Slope	B	20	Damp	Good	Dwarf Birch
1118470	21/07/2011	526063	7089349	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	Dwarf Birch
1118471	21/07/2011	526063	7089400	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1118472	21/07/2011	526064	7089450	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	C	20	Damp	Good	Dwarf Birch
1118473	21/07/2011	526064	7089499	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Good	Dwarf Birch
1118474	21/07/2011	526064	7089600	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	Dwarf Birch
1118475	21/07/2011	526064	7089650	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Dwarf Birch
1118476	21/07/2011	526062	7089702	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	Black Spruce
1118477	21/07/2011	526065	7089750	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Black Spruce
1118478	21/07/2011	526063	7089800	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Black Spruce
1118479	21/07/2011	526065	7089851	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Wet	Good	Black Spruce
1118480	21/07/2011	526064	7089902	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	Black Spruce
1118485	27/07/2011	537194	7088266	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	70	Dry	Excellent	Old Burn
1118486	02/08/2011	536064	7079206	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Pronounced Slope	C	70	Dry	Good	Old Burn
1118488	02/08/2011	535965	7079490	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Flat	C	50	Damp	Good	Old Burn
1118489	02/08/2011	535980	7079444	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	40	Damp	Good	Old Burn
1118490	02/08/2011	536000	7079392	UTMZ7N_NAD83	Bare Soil	Grey	Sand	Flat	C	60	Damp	Good	Old Burn
1118491	02/08/2011	536015	7079349	UTMZ7N_NAD83	Thin Moss Cover	Dark Grey Black	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1118494	21/07/2011	525864	7089100	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	70	Wet	Good	No Tree Cover
1118495	21/07/2011	525864	7089150	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1118496	21/07/2011	525864	7089200	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1118497	21/07/2011	525864	7089250	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1118498	21/07/2011	525864	7089300	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1118499	21/07/2011	525864	7089350	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1118500	21/07/2011	525864	7089400	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Dry	Good	Dwarf Birch
1118501	25/07/2011	535311	7089928	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Black Spruce
1118502	25/07/2011	535354	7089957	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Black Spruce
1118503	25/07/2011	535397	7089985	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	Black Spruce
1118504	25/07/2011	535434	7090018	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Black Spruce
1118505	25/07/2011	535477	7090045	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	110	Damp	Excellent	Black Spruce
1118507	25/07/2011	535521	7090068	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Black Spruce
1118508	25/07/2011	535571	7090082	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	80	Damp	Excellent	Black Spruce
1118509	25/07/2011	535619	7090097	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Excellent	Dwarf Birch
1118510	25/07/2011	535665	7090118	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	100	Damp	Excellent	Black Spruce
1118512	25/07/2011	535716	7090118	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Black Spruce
1118513	25/07/2011	535762	7090141	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	90	Damp	Excellent	Black Spruce
1118514	25/07/2011	535808	7090157	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	90	Damp	Excellent	Black Spruce
1118515	25/07/2011	535857	7090167	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1118516	25/07/2011	535906	7090168	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Good	White Spruce
1118517	25/07/2011	535955	7090178	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	80	Damp	Excellent	Black Spruce
1118518	25/07/2011	536003	7090194	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Black Spruce
1118519	25/07/2011	536052	7090205	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	50	Damp	Good	Black Spruce
1118520	25/07/2011	536102	7090209	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	White Spruce
1118521	25/07/2011	536151	7090218	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	White Spruce
1118522	25/07/2011	536199	7090227	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Excellent	Poplar
1118523	25/07/2011	536248	7090237	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	White Spruce
1118524	25/07/2011	536293	7090256	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Black Spruce
1118525	25/07/2011	536345	7090258	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1118526	25/07/2011	536392	7090278	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Black Spruce
1118527	25/07/2011	536441	7090284	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1118528	25/07/2011	536489	7090300	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	White Spruce
1118529	25/07/2011	536537	7090292	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	60	Damp	Good	Black Spruce
1118530	25/07/2011	536581	7090268	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	80	Damp	Excellent	Black Spruce
1118531	25/07/2011	536624	7090245	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Black Spruce
1118532	25/07/2011	536668	7090222	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1118533	25/07/2011	536713	7090198	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Excellent	Black Spruce
1118534	25/07/2011	536760	7090180	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	60	Damp	Good	Black Spruce
1118551	27/07/2011	535549	7088723	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	Birch Forest
1118552	27/07/2011	535598	7088710	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	Birch Forest
1118553	27/07/2011	535648	7088701	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	Poplar
1118554	27/07/2011	535697	7088695	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	Poplar
1118555	27/07/2011	535747	7088702	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Good	Poplar
1118556	27/07/2011	535795	7088713	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Good	Birch Forest
1118557	27/07/2011	535844	7088729	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Good	Birch Forest
1118558	27/07/2011	535892	7088738	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Good	Birch Forest
1118559	27/07/2011	535939	7088753	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	60	Dry	Good	Birch Forest
1118560	27/07/2011	535988	7088766	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	60	Dry	Good	Birch Forest

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1118561	27/07/2011	536037	7088777	UTMZ7N_NAD83	Leaf Cover	Grey	Clay	Pronounced Slope	B	60	Damp	Good	Birch Forest
1118562	27/07/2011	536082	7088799	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Pronounced Slope	B	50	Damp	Good	Birch Forest
1118563	27/07/2011	536120	7088831	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Good	Birch Forest
1118564	27/07/2011	536160	7088862	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Good	Birch Forest
1118565	27/07/2011	536194	7088899	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Good	Birch Forest
1118566	27/07/2011	536228	7088937	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	60	Dry	Good	Birch Forest
1118567	27/07/2011	536264	7088972	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Pronounced Slope	B	80	Damp	Good	Birch Forest
1118568	27/07/2011	536300	7089007	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Pronounced Slope	B	60	Damp	Good	Birch Forest
1118569	27/07/2011	536334	7089044	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Pronounced Slope	B	70	Damp	Good	Birch Forest
1118570	27/07/2011	536370	7089079	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	50	Damp	Good	Black Spruce
1118571	27/07/2011	536406	7089118	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	60	Wet	Good	Black Spruce
1118572	27/07/2011	536435	7089171	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Black Spruce
1118573	27/07/2011	536483	7089185	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Black Spruce
1118574	27/07/2011	536544	7089180	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	60	Wet	Good	Black Spruce
1118575	27/07/2011	536585	7089208	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	40	Wet	Good	Black Spruce
1118576	27/07/2011	536630	7089232	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Black Spruce
1118577	27/07/2011	536670	7089261	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Black Spruce
1118578	27/07/2011	536713	7089286	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Birch Forest
1118579	27/07/2011	536755	7089314	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Birch Forest
1118580	27/07/2011	536799	7089338	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Birch Forest
1118581	27/07/2011	536840	7089368	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Birch Forest
1118582	27/07/2011	536882	7089394	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Birch Forest
1118584	31/07/2011	534427	7085630	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	70	Damp	Good	Black Spruce
1118585	31/07/2011	534463	7085591	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Black Spruce
1118586	27/07/2011	537260	7089419	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Steep	C	70	Damp	Good	Poplar
1118587	27/07/2011	537212	7089402	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Steep	C	70	Damp	Good	Poplar
1118588	27/07/2011	537163	7089393	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Steep	C	50	Damp	Good	Poplar
1118590	27/07/2011	537113	7089393	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	80	Wet	Good	Poplar
1118591	27/07/2011	537062	7089393	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	B	70	Damp	Good	Poplar
1118592	27/07/2011	537011	7089400	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	Poplar
1118593	27/07/2011	536961	7089398	UTMZ7N_NAD83	Bare Soil	Dark Brown	Sand	Pronounced Slope	B	80	Damp	Good	Birch Forest
1118594	27/07/2011	536912	7089390	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	70	Damp	Good	Birch Forest
1118595	31/07/2011	533958	7086230	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	40	Damp	Good	Black Spruce
1118596	31/07/2011	533939	7086277	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	50	Damp	Good	Black Spruce
1118601	27/07/2011	536791	7090158	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	70	Dry	Good	Black Spruce
1118602	27/07/2011	536850	7090164	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	60	Dry	Good	Black Spruce
1118603	27/07/2011	536904	7090161	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Black Spruce
1118604	27/07/2011	536952	7090168	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	60	Dry	Good	White Spruce
1118605	27/07/2011	537011	7090167	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	White Spruce
1118606	27/07/2011	537054	7090186	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Sand	Subtle Slope	C	60	Dry	Good	White Spruce
1118607	27/07/2011	537103	7090188	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	White Spruce
1118608	27/07/2011	537154	7090187	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Poplar
1118609	27/07/2011	537205	7090185	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Flat	C	50	Dry	Good	Birch Forest

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1118610	27/07/2011	537254	7090203	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Blue Black	Sand	Subtle Slope	B	40	Dry	Good	Dwarf Birch
1118611	27/07/2011	537303	7090206	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Pronounced Slope	B	50	Damp	Good	Black Spruce
1118612	27/07/2011	537352	7090216	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Black Spruce
1118613	27/07/2011	537404	7090229	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	80	Wet	Good	Black Spruce
1118614	27/07/2011	537452	7090230	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Subtle Slope	C	70	Damp	Good	Black Spruce
1118615	27/07/2011	537500	7090231	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Black Spruce
1118616	27/07/2011	537547	7090222	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	70	Damp	Good	Black Spruce
1118618	27/07/2011	537596	7090223	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Birch Forest
1118619	27/07/2011	537645	7090221	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	60	Dry	Good	Black Spruce
1118620	27/07/2011	537694	7090215	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	60	Damp	Good	Black Spruce
1118621	27/07/2011	537741	7090204	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Sand	Flat	C	70	Damp	Good	Black Spruce
1118622	27/07/2011	537794	7090203	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Dry	Good	Black Spruce
1118623	27/07/2011	537846	7090204	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	50	Dry	Good	Black Spruce
1118624	27/07/2011	537891	7090198	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Black Spruce
1118625	27/07/2011	537945	7090193	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Dry	Good	Black Spruce
1118626	27/07/2011	537994	7090187	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	50	Damp	Good	Black Spruce
1118627	27/07/2011	538042	7090184	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	70	Damp	Good	Black Spruce
1118628	27/07/2011	538094	7090178	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	70	Damp	Good	Black Spruce
1118629	27/07/2011	538144	7090171	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	50	Dry	Good	Black Spruce
1118630	27/07/2011	538193	7090172	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	60	Damp	Good	Black Spruce
1118631	27/07/2011	538242	7090163	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Dry	Good	Black Spruce
1118632	27/07/2011	538294	7090163	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Sand	Subtle Slope	C	70	Dry	Good	Black Spruce
1118634	27/07/2011	538344	7090156	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Excellent	Black Spruce
1118636	27/07/2011	537537	7087570	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1118637	27/07/2011	537515	7087616	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1118638	27/07/2011	537502	7087665	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1118639	27/07/2011	537505	7087716	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1118640	27/07/2011	537499	7087767	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1118641	27/07/2011	537489	7087818	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1118642	27/07/2011	537481	7087870	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1118643	27/07/2011	537467	7087919	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1118644	27/07/2011	537455	7087969	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1118645	27/07/2011	537453	7088020	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Good	Old Burn
1118646	27/07/2011	537431	7088068	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Bluish Grey	Sand	Subtle Slope	B	40	Wet	Good	Black Spruce
1118647	27/07/2011	537397	7088105	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Birch Forest
1118648	27/07/2011	537353	7088135	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Black Spruce
1118649	27/07/2011	537316	7088172	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Good	Old Burn
1118650	27/07/2011	537273	7088201	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1118701	30/07/2011	536037	7083409	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Dwarf Birch
1118702	30/07/2011	536073	7083375	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Dwarf Birch
1118703	30/07/2011	536108	7083341	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Dwarf Birch
1118704	30/07/2011	536145	7083309	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Dwarf Birch
1118705	30/07/2011	536181	7083274	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Dwarf Birch

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1118706	30/07/2011	536219	7083237	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Dwarf Birch
1118707	30/07/2011	536255	7083206	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Dwarf Birch
1118708	30/07/2011	536291	7083170	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Dwarf Birch
1118710	30/07/2011	536328	7083138	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1118711	30/07/2011	536367	7083107	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Pronounced Slope	C	70	Damp	Good	Dwarf Birch
1118712	30/07/2011	536404	7083070	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	70	Dry	Good	Dwarf Birch
1118713	30/07/2011	536436	7083033	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Dry	Good	Dwarf Birch
1118714	30/07/2011	536476	7082996	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Dwarf Birch
1118715	30/07/2011	536526	7082959	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Dwarf Birch
1118727	30/07/2011	536888	7082482	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Birch Forest
1118728	30/07/2011	536908	7082437	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Birch Forest
1118729	30/07/2011	536936	7082384	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Excellent	Birch Forest
1118730	30/07/2011	536960	7082330	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Excellent	Birch Forest
1118731	30/07/2011	536987	7082278	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Sand	Subtle Slope	C	70	Dry	Good	Poplar
1118732	30/07/2011	537014	7082228	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Excellent	Poplar
1118751	28/07/2011	537648	7087070	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Dry	Good	Black Spruce
1118752	28/07/2011	537640	7087133	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Dwarf Birch
1118753	28/07/2011	537626	7087175	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	70	Damp	Good	Black Spruce
1118754	28/07/2011	537618	7087226	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	70	Damp	Good	Dwarf Birch
1118755	28/07/2011	537602	7087276	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	Dwarf Birch
1118756	28/07/2011	537599	7087329	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Dwarf Birch
1118757	28/07/2011	537620	7087390	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1118758	28/07/2011	537668	7087444	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Excellent	Black Spruce
1118759	28/07/2011	537658	7087478	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	40	Wet	Good	Dwarf Birch
1118760	28/07/2011	537643	7087516	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Sand	Flat	C	40	Wet	Good	Old Burn
1118761	28/07/2011	537667	7087561	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1118762	28/07/2011	537681	7087603	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	60	Dry	Good	Old Burn
1118763	28/07/2011	537698	7087655	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	50	Damp	Good	Old Burn
1118764	28/07/2011	537739	7087695	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Sand	Pronounced Slope	C	70	Dry	Good	Old Burn
1118766	28/07/2011	537745	7087740	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1118767	28/07/2011	537762	7087787	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Old Burn
1118768	28/07/2011	537778	7087834	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1118769	28/07/2011	537826	7087882	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1118770	28/07/2011	537870	7087914	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1118771	28/07/2011	537903	7087957	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Good	Old Burn
1118772	28/07/2011	537944	7087992	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Good	Old Burn
1118773	28/07/2011	537979	7088023	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Black Spruce
1118774	28/07/2011	538018	7088057	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Wet	Good	Black Spruce
1118775	28/07/2011	538056	7088089	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	70	Wet	Good	Black Spruce
1118776	28/07/2011	538091	7088129	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	90	Wet	Poor	Black Spruce
1118777	28/07/2011	538129	7088159	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Flat	C	90	Wet	Poor	Black Spruce
1118778	28/07/2011	538165	7088197	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	60	Damp	Good	Black Spruce
1118779	28/07/2011	538201	7088229	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	50	Wet	Good	Black Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1118780	28/07/2011	538239	7088266	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1118781	28/07/2011	538274	7088296	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Sand	Subtle Slope	C	60	Damp	Good	Black Spruce
1118782	28/07/2011	538310	7088331	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1118801	28/07/2011	540090	7087760	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Reddish Brown	Sand	Flat	C	20	Damp	Good	Subalpine Fir
1118802	28/07/2011	540140	7087768	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Flat	C	40	Damp	Good	White Spruce
1118803	28/07/2011	540190	7087776	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Good	White Spruce
1118804	28/07/2011	540242	7087783	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Flat	C	30	Damp	Good	White Spruce
1118805	28/07/2011	540290	7087803	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Dry	Good	White Spruce
1118806	28/07/2011	540341	7087813	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Reddish Brown	Sand	Subtle Slope	C	40	Damp	Good	White Spruce
1118807	28/07/2011	540390	7087813	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	White Spruce
1118808	29/07/2011	532667	7086579	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Subtle Slope	C	50	Damp	Good	Black Spruce
1118809	29/07/2011	532715	7086585	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	C	70	Damp	Good	Birch Forest
1118810	29/07/2011	532765	7086593	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Good	Birch Forest
1118811	29/07/2011	532815	7086598	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Clay	Subtle Slope	C	50	Damp	Good	White Spruce
1118812	29/07/2011	532864	7086601	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Subtle Slope	B	30	Dry	Good	White Spruce
1118813	29/07/2011	532914	7086616	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Sand	Subtle Slope	C	20	Dry	Good	White Spruce
1118814	29/07/2011	532963	7086620	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	White Spruce
1118815	29/07/2011	533012	7086630	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	C	50	Damp	Good	White Spruce
1118816	29/07/2011	533060	7086646	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Good	White Spruce
1118817	29/07/2011	533109	7086657	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	White Spruce
1118818	29/07/2011	533158	7086670	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	White Spruce
1118819	29/07/2011	533208	7086673	UTMZ7N_NAD83	Leaf Cover	Light Brown	Silt	Pronounced Slope	C	20	Dry	Good	White Spruce
1118820	29/07/2011	533255	7086689	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	White Spruce
1118821	29/07/2011	533303	7086709	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	White Spruce
1118822	29/07/2011	533350	7086727	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	60	Damp	Good	White Spruce
1118823	29/07/2011	533394	7086748	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	White Spruce
1118824	29/07/2011	533436	7086776	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Good	Black Spruce
1118825	29/07/2011	533468	7086814	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Good	White Spruce
1118826	29/07/2011	533502	7086851	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	White Spruce
1118827	29/07/2011	533542	7086886	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	White Spruce
1118828	29/07/2011	533571	7086927	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	White Spruce
1118829	29/07/2011	533606	7086963	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	White Spruce
1118830	29/07/2011	533632	7087007	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Black Spruce
1118831	29/07/2011	533658	7087049	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Damp	Excellent	Black Spruce
1118832	29/07/2011	533694	7087084	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	50	Damp	Excellent	Old Burn
1118833	29/07/2011	533729	7087115	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Clay	Subtle Slope	C	40	Damp	Good	Old Burn
1118835	29/07/2011	533763	7087152	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1118836	29/07/2011	533796	7087190	UTMZ7N_NAD83	Burnt Moss	Grey	Clay	Subtle Slope	C	30	Wet	Good	Old Burn
1118837	29/07/2011	533826	7087230	UTMZ7N_NAD83	Burnt Moss	Grey	Clay	Subtle Slope	C	40	Damp	Good	Old Burn
1118838	29/07/2011	533856	7087272	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	C	70	Wet	Good	Old Burn
1118839	29/07/2011	533886	7087313	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1118841	29/07/2011	533906	7087357	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn
1118843	30/07/2011	537989	7083325	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Dry	Good	Willows

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1118844	30/07/2011	537944	7083345	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Willows
1118845	30/07/2011	537894	7083357	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Willows
1118846	30/07/2011	537845	7083374	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Willows
1118847	30/07/2011	537798	7083386	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Willows
1118848	30/07/2011	537755	7083411	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Willows
1118849	30/07/2011	537704	7083422	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Willows
1118850	30/07/2011	537659	7083440	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Willows
1118851	27/07/2011	538724	7090280	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	20	Dry	Good	White Spruce
1118852	27/07/2011	538774	7090285	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Sand	Flat	C	40	Dry	Excellent	White Spruce
1118853	27/07/2011	538825	7090290	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Sand	Flat	C	30	Dry	Good	White Spruce
1118854	27/07/2011	538876	7090288	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Flat	C	20	Dry	Good	White Spruce
1118855	27/07/2011	538927	7090297	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Good	White Spruce
1118856	27/07/2011	538978	7090297	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Excellent	White Spruce
1118857	27/07/2011	539026	7090312	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Orange	Sand	Subtle Slope	C	30	Dry	Good	White Spruce
1118858	27/07/2011	539075	7090302	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Orange	Sand	Subtle Slope	C	20	Dry	Good	White Spruce
1118859	27/07/2011	539121	7090283	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Sand	Subtle Slope	C	50	Dry	Excellent	White Spruce
1118860	27/07/2011	539170	7090269	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Sand	Subtle Slope	C	60	Dry	Excellent	White Spruce
1118861	27/07/2011	539217	7090252	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Clay	Subtle Slope	C	50	Dry	Good	White Spruce
1118862	27/07/2011	539264	7090235	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Clay	Subtle Slope	C	60	Dry	Excellent	White Spruce
1118863	27/07/2011	539313	7090223	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Clay	Subtle Slope	C	70	Damp	Good	White Spruce
1118864	27/07/2011	539358	7090203	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Sand	Subtle Slope	C	50	Dry	Excellent	White Spruce
1118865	27/07/2011	539406	7090188	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Clay	Subtle Slope	C	30	Dry	Good	White Spruce
1118866	27/07/2011	539454	7090174	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Good	White Spruce
1118867	27/07/2011	539500	7090155	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Clay	Subtle Slope	C	40	Damp	Good	White Spruce
1118868	27/07/2011	539547	7090134	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Clay	Subtle Slope	C	60	Damp	Good	White Spruce
1118870	27/07/2011	539594	7090113	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Clay	Subtle Slope	C	20	Dry	Good	White Spruce
1118871	27/07/2011	539643	7090101	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	White Spruce
1118872	27/07/2011	539689	7090079	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Orange	Sand	Subtle Slope	C	40	Dry	Excellent	White Spruce
1118873	27/07/2011	539738	7090071	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Clay	Subtle Slope	C	50	Dry	Good	White Spruce
1118874	27/07/2011	539782	7090047	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Orange	Sand	Subtle Slope	C	50	Dry	Good	White Spruce
1118875	28/07/2011	538974	7087314	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Good	White Spruce
1118876	28/07/2011	539000	7087357	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Dry	Good	White Spruce
1118877	28/07/2011	539032	7087395	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	White Spruce
1118878	28/07/2011	539067	7087431	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Good	White Spruce
1118879	28/07/2011	539096	7087474	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Dry	Good	White Spruce
1118880	28/07/2011	539127	7087513	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	White Spruce
1118881	28/07/2011	539173	7087534	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Good	White Spruce
1118882	28/07/2011	539220	7087555	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Clay	Subtle Slope	C	40	Dry	Good	White Spruce
1118883	28/07/2011	539269	7087569	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	White Spruce
1118884	28/07/2011	539316	7087589	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Reddish Yellow	Sand	Subtle Slope	C	60	Dry	Excellent	White Spruce
1118885	28/07/2011	539361	7087608	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Good	White Spruce
1118886	28/07/2011	539410	7087622	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Good	White Spruce
1118887	28/07/2011	539455	7087645	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Sand	Subtle Slope	C	50	Dry	Good	White Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1118888	28/07/2011	539499	7087668	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Sand	Flat	C	50	Dry	Excellent	White Spruce
1118889	28/07/2011	539551	7087669	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Good	White Spruce
1118890	28/07/2011	539598	7087683	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Sand	Subtle Slope	C	50	Dry	Excellent	White Spruce
1118891	28/07/2011	539647	7087693	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Birch Forest
1118892	28/07/2011	539697	7087696	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	White Spruce
1118893	28/07/2011	539745	7087711	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Dry	Good	White Spruce
1118894	28/07/2011	539794	7087710	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Good	White Spruce
1118896	28/07/2011	539842	7087722	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Sand	Subtle Slope	C	30	Damp	Good	White Spruce
1118897	28/07/2011	539893	7087733	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Clay	Subtle Slope	C	40	Damp	Good	White Spruce
1118898	28/07/2011	539941	7087739	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	White Spruce
1118899	28/07/2011	539991	7087743	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	White Spruce
1118900	28/07/2011	540041	7087748	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	White Spruce
1118901	31/07/2011	535912	7085540	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	50	Wet	Good	White Spruce
1118902	31/07/2011	535926	7085588	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	White Spruce
1118903	31/07/2011	535941	7085638	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Clay	Subtle Slope	C	50	Damp	Good	White Spruce
1118905	31/07/2011	535964	7085680	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Clay	Subtle Slope	C	40	Damp	Good	White Spruce
1118906	31/07/2011	535987	7085727	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Wet	Good	White Spruce
1118907	31/07/2011	535997	7085778	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	White Spruce
1118908	01/08/2011	535977	7083146	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	Willows
1118909	01/08/2011	535996	7083099	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	Willows
1118910	01/08/2011	536014	7083053	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	Willows
1118911	01/08/2011	536027	7083005	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	Willows
1118912	01/08/2011	536043	7082957	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Clay	Subtle Slope	C	30	Damp	Good	Willows
1118913	01/08/2011	536061	7082910	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Good	Willows
1118914	01/08/2011	536077	7082862	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Good	Willows
1118915	01/08/2011	536105	7082821	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Good	Willows
1118916	01/08/2011	536127	7082776	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Dry	Good	Willows
1118917	01/08/2011	536140	7082728	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Willows
1118918	01/08/2011	536156	7082681	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Poplar
1118919	01/08/2011	536173	7082633	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	20	Dry	Good	Poplar
1118920	01/08/2011	536189	7082585	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Subtle Slope	C	20	Dry	Good	Poplar
1118921	01/08/2011	536203	7082536	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	Poplar
1118922	01/08/2011	536223	7082490	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Good	Poplar
1118923	01/08/2011	536233	7082441	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Good	Willows
1118924	01/08/2011	536249	7082392	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Clay	Subtle Slope	C	60	Damp	Good	Willows
1118925	01/08/2011	536263	7082344	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Good	Willows
1118926	01/08/2011	536284	7082299	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Birch Forest
1118927	01/08/2011	536291	7082249	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Clay	Subtle Slope	C	30	Damp	Good	Birch Forest
1118928	01/08/2011	536320	7082208	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	Willows
1118929	01/08/2011	536342	7082163	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Good	Birch Forest
1118930	01/08/2011	536364	7082119	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Birch Forest
1118931	01/08/2011	536392	7082077	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	Birch Forest
1118932	01/08/2011	536420	7082034	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	Poplar

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1118933	01/08/2011	536441	7081988	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Poplar
1118934	01/08/2011	536448	7081938	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	C	20	Damp	Good	Poplar
1118935	01/08/2011	536478	7081895	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Good	Birch Forest
1118937	01/08/2011	536502	7081853	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Poplar
1118938	01/08/2011	536535	7081813	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Good	Birch Forest
1118939	01/08/2011	536567	7081773	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Birch Forest
1118940	01/08/2011	536587	7081725	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Birch Forest
1118941	02/08/2011	534970	7081775	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	B	30	Damp	Good	Willows
1118942	02/08/2011	535002	7081735	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	C	50	Dry	Good	Dwarf Birch
1118943	02/08/2011	535030	7081694	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	C	40	Dry	Good	Dwarf Birch
1118944	02/08/2011	535061	7081656	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	C	40	Dry	Good	Dwarf Birch
1118945	02/08/2011	535094	7081619	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	C	30	Dry	Good	Dwarf Birch
1118946	02/08/2011	535122	7081576	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	C	30	Dry	Good	Dwarf Birch
1118947	02/08/2011	535158	7081543	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	C	30	Damp	Good	Dwarf Birch
1118948	02/08/2011	535187	7081501	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	C	70	Dry	Good	Dwarf Birch
1118949	02/08/2011	535214	7081459	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	C	50	Dry	Good	Dwarf Birch
1118961	02/08/2011	536364	7080550	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Subtle Slope	B	50	Damp	Poor	Black Spruce
1118962	02/08/2011	536406	7080523	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	40	Wet	Good	Black Spruce
1118963	02/08/2011	536447	7080492	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	50	Damp	Good	Black Spruce
1118964	02/08/2011	536496	7080487	UTMZ7N_NAD83	Bare Soil	Bluish Grey	Clay	Subtle Slope	B	30	Dry	Good	Black Spruce
1118965	02/08/2011	536545	7080497	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Clay	Subtle Slope	B	50	Damp	Good	Black Spruce
1118966	02/08/2011	536595	7080496	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	70	Wet	Good	Black Spruce
1118967	02/08/2011	536645	7080494	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Good	Black Spruce
1118968	02/08/2011	536694	7080503	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Good	Black Spruce
1118969	02/08/2011	536745	7080504	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Good	Black Spruce
1118970	02/08/2011	536794	7080498	UTMZ7N_NAD83	Leaf Cover	Bluish Grey	Clay	Subtle Slope	B	60	Dry	Good	Black Spruce
1118971	02/08/2011	536839	7080517	UTMZ7N_NAD83	Bare Soil	Bluish Grey	Clay	Subtle Slope	B	50	Damp	Good	Black Spruce
1118972	02/08/2011	536890	7080514	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Black Spruce
1118973	02/08/2011	536940	7080520	UTMZ7N_NAD83	Leaf Cover	Bluish Grey	Sand	Subtle Slope	C	30	Dry	Good	Birch Forest
1118974	02/08/2011	536990	7080523	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Birch Forest
1118975	02/08/2011	537037	7080539	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Birch Forest
1118976	02/08/2011	537087	7080543	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Birch Forest
1118977	02/08/2011	537135	7080528	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Black Spruce
1118978	02/08/2011	537180	7080509	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Black Spruce
1118979	02/08/2011	537229	7080495	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Subtle Slope	B	70	Damp	Poor	Black Spruce
1118980	02/08/2011	537278	7080483	UTMZ7N_NAD83	Thin Moss Cover	Grey	Clay	Subtle Slope	B	50	Damp	Good	Black Spruce
1118981	02/08/2011	537327	7080473	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	Black Spruce
1118982	02/08/2011	537376	7080465	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	B	70	Damp	Good	Birch Forest
1118983	02/08/2011	537376	7080465	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	B	70	Damp	Good	Birch Forest
1119001	01/08/2011	535103	7083829	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Black Spruce
1119002	01/08/2011	535107	7083878	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1119003	01/08/2011	535113	7083927	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1119004	01/08/2011	535120	7083977	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Dwarf Birch

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1119005	01/08/2011	535121	7084027	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1119006	01/08/2011	535129	7084077	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	Dwarf Birch
1119007	01/08/2011	535130	7084127	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1119008	01/08/2011	535140	7084176	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1119009	01/08/2011	535148	7084226	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1119010	01/08/2011	535151	7084275	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1119011	01/08/2011	535155	7084325	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1119012	01/08/2011	535161	7084376	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1119013	01/08/2011	535138	7084435	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1119014	01/08/2011	535118	7084480	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	80	Damp	Good	Dwarf Birch
1119015	01/08/2011	535097	7084526	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Dwarf Birch
1119016	01/08/2011	535079	7084573	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Black Spruce
1119017	01/08/2011	535055	7084617	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Good	Dwarf Birch
1119018	01/08/2011	535037	7084663	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Dwarf Birch
1119019	01/08/2011	535012	7084719	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1119020	01/08/2011	534994	7084754	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1119021	01/08/2011	534975	7084801	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Dwarf Birch
1119022	01/08/2011	534957	7084847	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1119023	01/08/2011	534934	7084892	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Good	Dwarf Birch
1119024	01/08/2011	534910	7084936	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Dwarf Birch
1119025	01/08/2011	534891	7084982	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	50	Dry	Excellent	Dwarf Birch
1119026	01/08/2011	534870	7085028	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Dwarf Birch
1119027	01/08/2011	534850	7085075	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1119028	01/08/2011	534830	7085120	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1119029	01/08/2011	534808	7085165	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1119030	01/08/2011	534795	7085214	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	Dwarf Birch
1119031	01/08/2011	534767	7085256	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	60	Damp	Good	Dwarf Birch
1119033	01/08/2011	534771	7085314	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Dwarf Birch
1119036	31/07/2011	535620	7087386	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Old Burn
1119037	31/07/2011	535661	7087416	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	90	Damp	Good	Old Burn
1119039	31/07/2011	535701	7087446	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Old Burn
1119040	31/07/2011	535746	7087468	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1119041	31/07/2011	535789	7087493	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1119042	31/07/2011	535830	7087523	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1119043	31/07/2011	535875	7087545	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1119044	31/07/2011	535916	7087571	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1119045	31/07/2011	535947	7087612	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1119046	31/07/2011	535960	7087660	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Old Burn
1119047	31/07/2011	535978	7087707	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1119048	31/07/2011	536000	7087752	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	20	Damp	Good	Old Burn
1119049	31/07/2011	536012	7087801	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Old Burn
1119050	31/07/2011	536034	7087846	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	100	Damp	Good	Old Burn
1119051	31/07/2011	536027	7085843	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Black Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1119052	31/07/2011	536045	7085890	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Good	Black Spruce
1119053	31/07/2011	536063	7085938	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Black Spruce
1119054	31/07/2011	536079	7085986	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Clay	Subtle Slope	B	60	Damp	Good	Black Spruce
1119055	31/07/2011	536095	7086035	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Black Spruce
1119056	31/07/2011	536109	7086083	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Black Spruce
1119057	31/07/2011	536127	7086131	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Black Spruce
1119058	31/07/2011	536143	7086178	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Black Spruce
1119059	31/07/2011	536157	7086226	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Black Spruce
1119060	31/07/2011	536169	7086275	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Black Spruce
1119061	31/07/2011	536190	7086320	UTMZ7N_NAD83	Thin Moss Cover	Dark Grey Black	Sand	Subtle Slope	C	70	Dry	Excellent	Black Spruce
1119062	31/07/2011	536207	7086367	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Black Spruce
1119063	31/07/2011	536223	7086416	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	Black Spruce
1119064	31/07/2011	536242	7086462	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Black Spruce
1119065	31/07/2011	536254	7086512	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Black Spruce
1119066	31/07/2011	536272	7086557	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Subtle Slope	C	50	Damp	Good	Black Spruce
1119067	31/07/2011	536287	7086605	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	60	Damp	Good	Black Spruce
1119068	31/07/2011	536306	7086651	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Black Spruce
1119069	31/07/2011	536317	7086700	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	40	Damp	Good	Black Spruce
1119070	31/07/2011	536336	7086747	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	Black Spruce
1119071	31/07/2011	536353	7086793	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Black Spruce
1119072	31/07/2011	536367	7086843	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Black Spruce
1119073	31/07/2011	536383	7086889	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Black Spruce
1119074	31/07/2011	536402	7086942	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Pronounced Slope	B	50	Damp	Good	Black Spruce
1119075	31/07/2011	536417	7086988	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Silt	Pronounced Slope	B	40	Damp	Poor	Black Spruce
1119076	31/07/2011	536431	7087038	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	40	Damp	Good	Black Spruce
1119077	31/07/2011	536450	7087083	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	40	Damp	Good	Black Spruce
1119079	31/07/2011	536466	7087131	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	50	Damp	Good	Black Spruce
1119080	31/07/2011	536488	7087178	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Good	Black Spruce
1119081	31/07/2011	536497	7087226	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	40	Damp	Good	Black Spruce
1119082	31/07/2011	536522	7087266	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	40	Damp	Good	Black Spruce
1119101	31/07/2011	534765	7085355	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	70	Dry	Good	Dwarf Birch
1119102	31/07/2011	534781	7085418	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1119103	31/07/2011	534792	7085468	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	60	Damp	Good	Dwarf Birch
1119104	31/07/2011	534807	7085524	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	60	Damp	Good	Dwarf Birch
1119105	31/07/2011	534818	7085574	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	90	Wet	Good	Dwarf Birch
1119106	31/07/2011	534827	7085628	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	70	Damp	Poor	Dwarf Birch
1119107	31/07/2011	534838	7085676	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	90	Wet	Good	Dwarf Birch
1119108	31/07/2011	534850	7085728	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Subtle Slope	C	90	Wet	Good	Dwarf Birch
1119109	31/07/2011	534861	7085778	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Subtle Slope	C	70	Wet	Good	Dwarf Birch
1119110	31/07/2011	534872	7085826	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Subtle Slope	C	80	Wet	Good	Black Spruce
1119111	31/07/2011	534888	7085875	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	70	Wet	Good	Black Spruce
1119113	31/07/2011	534897	7085924	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Dwarf Birch
1119114	31/07/2011	534909	7085974	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Dwarf Birch

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1119115	31/07/2011	534922	7086023	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	80	Damp	Good	Black Spruce
1119116	31/07/2011	534933	7086071	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	80	Damp	Good	Black Spruce
1119117	31/07/2011	534943	7086120	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Flat	C	90	Wet	Good	Black Spruce
1119118	31/07/2011	534952	7086183	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	70	Damp	Good	Black Spruce
1119119	31/07/2011	534967	7086235	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Wet	Good	Black Spruce
1119120	31/07/2011	534983	7086289	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	70	Damp	Good	Black Spruce
1119121	31/07/2011	534999	7086338	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Black Spruce
1119122	31/07/2011	535015	7086390	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	80	Damp	Good	Old Burn
1119124	31/07/2011	535028	7086438	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1119125	31/07/2011	535043	7086483	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Pronounced Slope	B	40	Dry	Good	Old Burn
1119126	31/07/2011	535059	7086530	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Old Burn
1119127	31/07/2011	535076	7086579	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1119128	31/07/2011	535090	7086628	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Pronounced Slope	C	60	Damp	Good	Old Burn
1119129	31/07/2011	535100	7086678	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	80	Dry	Good	Old Burn
1119130	31/07/2011	535114	7086724	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1119131	31/07/2011	535130	7086772	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	80	Dry	Good	Old Burn
1119132	31/07/2011	535143	7086818	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1119151	01/08/2011	533667	7082672	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1119152	01/08/2011	533706	7082640	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	Dwarf Birch
1119153	01/08/2011	533749	7082612	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1119154	01/08/2011	533791	7082586	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	80	Damp	Excellent	Dwarf Birch
1119155	01/08/2011	533834	7082561	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	Dwarf Birch
1119156	01/08/2011	533873	7082529	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	Dwarf Birch
1119157	01/08/2011	533912	7082497	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	70	Damp	Good	Dwarf Birch
1119158	01/08/2011	533956	7082473	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	70	Damp	Good	Dwarf Birch
1119159	01/08/2011	533999	7082449	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Dwarf Birch
1119160	01/08/2011	534040	7082422	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	Dwarf Birch
1119161	01/08/2011	534080	7082392	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1119162	01/08/2011	534126	7082372	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Dwarf Birch
1119163	01/08/2011	534176	7082361	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Willows
1119164	01/08/2011	534223	7082344	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Dwarf Birch
1119165	01/08/2011	534269	7082324	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	80	Damp	Good	Dwarf Birch
1119167	01/08/2011	534316	7082309	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Dwarf Birch
1119168	01/08/2011	534364	7082292	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Wet	Good	Dwarf Birch
1119169	01/08/2011	534400	7082256	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	80	Damp	Good	Dwarf Birch
1119170	01/08/2011	534436	7082220	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	100	Damp	Excellent	Dwarf Birch
1119171	01/08/2011	534481	7082197	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	90	Damp	Good	Dwarf Birch
1119172	01/08/2011	534522	7082169	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	80	Damp	Good	Dwarf Birch
1119173	01/08/2011	534559	7082133	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1119174	01/08/2011	534595	7082099	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	70	Damp	Good	Dwarf Birch
1119175	01/08/2011	534634	7082067	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	90	Damp	Good	Dwarf Birch
1119176	01/08/2011	534672	7082034	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1119177	01/08/2011	534705	7081997	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Black Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1119178	01/08/2011	534746	7081966	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1119179	01/08/2011	534780	7081930	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1119180	01/08/2011	534823	7081904	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1119181	01/08/2011	534861	7081870	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Dwarf Birch
1119182	01/08/2011	534898	7081837	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Dwarf Birch
1119183	01/08/2011	534939	7081808	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1119201	02/08/2011	533614	7082583	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1119202	02/08/2011	533606	7082535	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1119203	02/08/2011	533604	7082486	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Dwarf Birch
1119204	02/08/2011	533596	7082438	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Dwarf Birch
1119205	02/08/2011	533579	7082388	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1119206	02/08/2011	533565	7082339	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1119207	02/08/2011	533561	7082289	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Dwarf Birch
1119208	02/08/2011	533556	7082239	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1119209	02/08/2011	533548	7082189	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Dwarf Birch
1119210	02/08/2011	533550	7082138	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1119211	02/08/2011	533544	7082086	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Good	No Tree Cover
1119212	02/08/2011	533530	7082037	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Pronounced Slope	C	50	Dry	Excellent	Dwarf Birch
1119213	02/08/2011	533540	7081986	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1119225	02/08/2011	533449	7081407	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Damp	Good	Poplar
1119226	02/08/2011	533441	7081356	UTMZ7N_NAD83	Leaf Cover	Dark Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Poplar
1119227	02/08/2011	533414	7081313	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Poplar
1119228	02/08/2011	533380	7081275	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Subtle Slope	C	70	Dry	Excellent	Poplar
1119230	02/08/2011	533373	7081226	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Dry	Good	Dwarf Birch
1119231	02/08/2011	533373	7081175	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Poplar
1119232	02/08/2011	533355	7081128	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Dwarf Birch
1119233	02/08/2011	533344	7081078	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Flat	C	20	Dry	Excellent	Dwarf Birch
1119234	02/08/2011	533331	7081029	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	30	Dry	Good	Dwarf Birch
1119236	01/08/2011	533695	7083137	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Dwarf Birch
1119237	01/08/2011	533706	7083088	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1119238	01/08/2011	533720	7083040	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1119239	01/08/2011	533722	7082989	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1119240	01/08/2011	533717	7082939	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Damp	Good	Dwarf Birch
1119241	01/08/2011	533707	7082890	UTMZ7N_NAD83	Bare Soil	Dark Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1119242	01/08/2011	533704	7082838	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	60	Damp	Good	Dwarf Birch
1119243	01/08/2011	533688	7082788	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Damp	Good	Dwarf Birch
1119244	01/08/2011	533682	7082739	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1119245	01/08/2011	533654	7082697	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1119246	01/08/2011	533625	7082653	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Flat	C	50	Dry	Excellent	No Tree Cover
1119247	01/08/2011	533591	7082615	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1119248	01/08/2011	533551	7082584	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Good	No Tree Cover
1119249	01/08/2011	533500	7082583	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1119250	01/08/2011	533455	7082557	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Dwarf Birch

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1119251	01/08/2011	533404	7082551	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1119252	01/08/2011	533357	7082533	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1119253	01/08/2011	533306	7082524	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Excellent	Dwarf Birch
1119254	01/08/2011	533262	7082501	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1119255	01/08/2011	533212	7082498	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1119256	01/08/2011	533161	7082512	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Flat	C	30	Dry	Good	No Tree Cover
1119257	01/08/2011	533111	7082497	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1119258	01/08/2011	533070	7082464	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1119259	01/08/2011	533025	7082437	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1119260	01/08/2011	532981	7082413	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1119261	01/08/2011	532943	7082379	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1119262	01/08/2011	532910	7082339	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Dwarf Birch
1119263	01/08/2011	532878	7082300	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Dwarf Birch
1119264	01/08/2011	532862	7082251	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Dwarf Birch
1119265	01/08/2011	532849	7082203	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	70	Dry	Excellent	Dwarf Birch
1119267	01/08/2011	532817	7082170	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Dwarf Birch
1119268	01/08/2011	532785	7082139	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Dwarf Birch
1119271	02/08/2011	535272	7081377	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Clay	Flat	C	60	Dry	Excellent	Dwarf Birch
1119272	02/08/2011	535309	7081344	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Clay	Flat	C	40	Dry	Good	Dwarf Birch
1119273	02/08/2011	535348	7081314	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Clay	Flat	C	40	Dry	Good	Dwarf Birch
1119274	02/08/2011	535390	7081287	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Dry	Poor	Willows
1119275	02/08/2011	535425	7081250	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Clay	Subtle Slope	C	50	Dry	Good	Willows
1119276	02/08/2011	535472	7081231	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Clay	Subtle Slope	C	30	Dry	Good	Willows
1119277	02/08/2011	535501	7081191	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Dry	Good	Willows
1119278	02/08/2011	535542	7081163	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	C	30	Dry	Excellent	Willows
1119279	02/08/2011	535585	7081138	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Clay	Subtle Slope	C	50	Dry	Good	Dwarf Birch
1119280	02/08/2011	535619	7081101	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	30	Dry	Good	Dwarf Birch
1119281	02/08/2011	535655	7081067	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Flat	C	50	Dry	Good	Dwarf Birch
1119282	02/08/2011	535693	7081033	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Flat	C	30	Dry	Good	Subalpine Fir
1119283	02/08/2011	535729	7080999	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Flat	C	40	Dry	Good	Dwarf Birch
1119284	02/08/2011	535774	7080978	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	C	40	Dry	Good	Subalpine Fir
1119285	02/08/2011	535807	7080939	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Flat	C	40	Damp	Good	Dwarf Birch
1119286	02/08/2011	535851	7080915	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	C	50	Dry	Good	Willows
1119287	02/08/2011	535894	7080887	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	20	Dry	Good	Subalpine Fir
1119288	02/08/2011	535881	7080837	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Good	Birch Forest
1119290	02/08/2011	535872	7080788	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	50	Dry	Good	Birch Forest
1119291	02/08/2011	535854	7080742	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Clay	Subtle Slope	C	50	Dry	Good	White Spruce
1119292	02/08/2011	535839	7080692	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Good	White Spruce
1119301	05/08/2011	531842	7080876	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Poplar
1119302	05/08/2011	531803	7080845	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	Poplar
1119303	05/08/2011	531761	7080818	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Poplar
1119304	05/08/2011	531719	7080789	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Birch Forest
1119305	05/08/2011	531677	7080760	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Birch Forest

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1119306	05/08/2011	531636	7080731	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Birch Forest
1119307	05/08/2011	531592	7080707	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Birch Forest
1119308	05/08/2011	531553	7080677	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Birch Forest
1119309	05/08/2011	531513	7080646	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Birch Forest
1119310	05/08/2011	531478	7080611	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Birch Forest
1119311	05/08/2011	531437	7080583	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Birch Forest
1119312	05/08/2011	531402	7080547	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Birch Forest
1119313	05/08/2011	531365	7080514	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Birch Forest
1119314	05/08/2011	531329	7080479	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Birch Forest
1119315	05/08/2011	531290	7080446	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Good	Birch Forest
1119317	05/08/2011	531265	7080403	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Birch Forest
1119318	05/08/2011	531244	7080357	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Good	Birch Forest
1119319	05/08/2011	531220	7080311	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Birch Forest
1119320	05/08/2011	531203	7080264	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Birch Forest
1119321	05/08/2011	531182	7080217	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	70	Damp	Good	Birch Forest
1119322	05/08/2011	531228	7080195	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	Birch Forest
1119323	05/08/2011	531275	7080181	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Birch Forest
1119324	05/08/2011	531324	7080193	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	Birch Forest
1119325	05/08/2011	531374	7080192	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	Birch Forest
1119326	05/08/2011	531424	7080196	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Steep	C	70	Damp	Good	Birch Forest
1119327	05/08/2011	531472	7080209	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Steep	C	70	Damp	Good	Birch Forest
1119328	05/08/2011	531520	7080218	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Steep	B	70	Damp	Good	Birch Forest
1119329	05/08/2011	531571	7080218	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Steep	B	60	Damp	Good	Birch Forest
1119330	05/08/2011	531621	7080228	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Steep	B	80	Damp	Good	Birch Forest
1119331	05/08/2011	531669	7080237	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Steep	C	70	Damp	Good	Birch Forest
1119332	05/08/2011	531716	7080263	UTMZ7N_NAD83	Bare Soil	Dark Brown	Sand	Pronounced Slope	B	90	Damp	Poor	Birch Forest
1119501	22/07/2011	519128	7093884	UTMZ7N_NAD83	Thin Moss Cover	Dark Blue Black	Sand	Subtle Slope	C	60	Damp	Good	White Spruce
1119502	22/07/2011	519135	7093833	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Pronounced Slope	C	80	Damp	Good	Dwarf Birch
1119503	22/07/2011	519138	7093783	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Pronounced Slope	C	60	Damp	Good	Black Spruce
1119504	22/07/2011	519140	7093734	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	80	Damp	Good	Black Spruce
1119506	22/07/2011	519144	7093682	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	70	Damp	Excellent	White Spruce
1119507	22/07/2011	519159	7093635	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	90	Damp	Good	Black Spruce
1119508	22/07/2011	519162	7093586	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Dwarf Birch
1119509	22/07/2011	519163	7093535	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Good	White Spruce
1119510	22/07/2011	519169	7093486	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	Black Spruce
1119511	22/07/2011	519173	7093436	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	Black Spruce
1119512	22/07/2011	519176	7093386	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1119513	22/07/2011	519182	7093336	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	90	Damp	Excellent	Black Spruce
1119515	22/07/2011	519191	7093287	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Black Spruce
1119516	22/07/2011	519174	7093239	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Black Spruce
1119517	22/07/2011	519175	7093189	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Black Spruce
1119518	22/07/2011	519162	7093139	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	80	Damp	Good	White Spruce
1119519	22/07/2011	519155	7093088	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	70	Damp	Good	Black Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1119520	22/07/2011	519144	7093039	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Sand	Pronounced Slope	C	90	Damp	Good	Black Spruce
1119521	22/07/2011	519133	7092991	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Pronounced Slope	C	80	Damp	Good	White Spruce
1119522	22/07/2011	519152	7092944	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Black Spruce
1119523	22/07/2011	519191	7092912	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	90	Wet	Good	Black Spruce
1119524	22/07/2011	519234	7092886	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	90	Wet	Good	Black Spruce
1119525	22/07/2011	519264	7092845	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	80	Wet	Good	Black Spruce
1119526	22/07/2011	519302	7092813	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	80	Wet	Good	Black Spruce
1119527	22/07/2011	519345	7092789	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Good	Black Spruce
1119528	22/07/2011	519371	7092745	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	60	Damp	Good	Black Spruce
1119529	22/07/2011	519415	7092719	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	60	Damp	Good	Black Spruce
1119530	22/07/2011	519454	7092688	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	70	Wet	Good	Black Spruce
1119531	22/07/2011	519487	7092650	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	Black Spruce
1119532	31/07/2011	536049	7087895	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	B	40	Wet	Good	Black Spruce
1119533	31/07/2011	536064	7087943	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	B	70	Wet	Good	Old Burn
1119534	31/07/2011	536084	7087989	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	90	Wet	Good	Old Burn
1119535	31/07/2011	536110	7088032	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	Old Burn
1119536	22/07/2011	519098	7095519	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Steep	B	60	Damp	Good	No Tree Cover
1119537	22/07/2011	519097	7095470	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	B	30	Damp	Good	No Tree Cover
1119538	22/07/2011	519098	7095420	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Silt	Steep	B	30	Damp	Good	Dwarf Birch
1119539	22/07/2011	519108	7095371	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	B	40	Damp	Good	Dwarf Birch
1119540	22/07/2011	519117	7095323	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	Dwarf Birch
1119541	22/07/2011	519123	7095273	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	80	Damp	Good	Dwarf Birch
1119542	22/07/2011	519121	7095223	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	60	Damp	Good	Dwarf Birch
1119543	22/07/2011	519115	7095174	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	100	Damp	Good	Dwarf Birch
1119544	22/07/2011	519112	7095124	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	70	Damp	Good	Dwarf Birch
1119545	22/07/2011	519114	7095073	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	80	Damp	Good	Dwarf Birch
1119546	22/07/2011	519117	7095022	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	70	Damp	Good	Dwarf Birch
1119547	22/07/2011	519118	7094973	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Dwarf Birch
1119548	22/07/2011	519129	7094923	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	90	Damp	Good	Dwarf Birch
1119549	22/07/2011	519118	7094873	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	110	Dry	Good	Dwarf Birch
1119550	22/07/2011	519129	7094823	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Dwarf Birch
1119551	22/07/2011	522680	7090424	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	60	Dry	Good	Black Spruce
1119552	22/07/2011	522659	7090470	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	30	Dry	Good	Black Spruce
1119553	22/07/2011	522630	7090511	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Black Spruce
1119554	22/07/2011	522602	7090552	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Black Spruce
1119555	22/07/2011	522573	7090593	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	Black Spruce
1119556	22/07/2011	522554	7090640	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Black Spruce
1119557	22/07/2011	522555	7090692	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Black Spruce
1119558	22/07/2011	522553	7090742	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Black Spruce
1119559	22/07/2011	522551	7090791	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Black Spruce
1119560	22/07/2011	522548	7090842	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	Black Spruce
1119561	22/07/2011	522549	7090892	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Black Spruce
1119562	22/07/2011	522545	7090942	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Black Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1119563	22/07/2011	522544	7090992	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Black Spruce
1119564	22/07/2011	522541	7091042	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Black Spruce
1119565	22/07/2011	522522	7091083	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Black Spruce
1119566	22/07/2011	522502	7091129	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Black Spruce
1119567	22/07/2011	522479	7091173	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Black Spruce
1119568	22/07/2011	522454	7091217	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Black Spruce
1119569	22/07/2011	522431	7091261	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Black Spruce
1119570	22/07/2011	522411	7091307	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	40	Damp	Good	Black Spruce
1119571	22/07/2011	522387	7091352	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	50	Wet	Good	Black Spruce
1119572	22/07/2011	522363	7091396	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	Black Spruce
1119573	22/07/2011	522348	7091444	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Good	Black Spruce
1119574	22/07/2011	522323	7091486	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Steep	C	50	Dry	Good	Black Spruce
1119575	22/07/2011	522294	7091528	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Steep	B	40	Damp	Good	Black Spruce
1119577	22/07/2011	522251	7091626	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Good	Black Spruce
1119580	23/07/2011	525661	7089896	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Black Spruce
1119586	22/07/2011	519136	7094774	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Dwarf Birch
1119587	22/07/2011	519141	7094723	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Dwarf Birch
1119588	22/07/2011	519138	7094672	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Dwarf Birch
1119589	22/07/2011	519136	7094621	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	110	Dry	Excellent	Dwarf Birch
1119591	22/07/2011	519129	7094571	UTMZ7N_NAD83	Thin Moss Cover	Dark Grey Black	Sand	Subtle Slope	C	110	Dry	Excellent	Dwarf Birch
1119592	22/07/2011	519141	7094523	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	70	Dry	Good	Dwarf Birch
1119593	22/07/2011	519139	7094472	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	80	Dry	Excellent	Dwarf Birch
1119594	22/07/2011	519138	7094422	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1119595	22/07/2011	519140	7094371	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Dwarf Birch
1119596	22/07/2011	519125	7094324	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Dry	Good	Dwarf Birch
1119597	22/07/2011	519127	7094274	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Dry	Good	White Spruce
1119598	22/07/2011	519125	7094222	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	60	Dry	Excellent	White Spruce
1119599	22/07/2011	519131	7094170	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	110	Dry	Excellent	White Spruce
1119601	25/07/2011	534925	7090095	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Flat	C	20	Dry	Good	Black Spruce
1119602	25/07/2011	534974	7090112	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Black Spruce
1119603	25/07/2011	534969	7090069	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Subtle Slope	C	60	Damp	Good	Black Spruce
1119604	25/07/2011	535013	7090041	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Good	Black Spruce
1119605	25/07/2011	535051	7090009	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	50	Dry	Good	Black Spruce
1119606	25/07/2011	535098	7089992	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Black Spruce
1119618	25/07/2011	535514	7089568	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Clay	Subtle Slope	B	20	Damp	Good	Black Spruce
1119619	25/07/2011	535550	7089532	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Black Spruce
1119620	25/07/2011	535582	7089493	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Good	Black Spruce
1119621	25/07/2011	535614	7089456	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Black Spruce
1119622	25/07/2011	535640	7089412	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Black Spruce
1119623	25/07/2011	535677	7089378	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Good	Black Spruce
1119624	25/07/2011	535709	7089339	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Black Spruce
1119625	25/07/2011	535745	7089304	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	Black Spruce
1119626	25/07/2011	535770	7089261	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Pronounced Slope	C	30	Dry	Good	Black Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1119627	25/07/2011	535809	7089231	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Sand	Pronounced Slope	C	40	Dry	Good	Black Spruce
1119628	25/07/2011	535849	7089202	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Sand	Pronounced Slope	C	50	Damp	Good	Black Spruce
1119629	25/07/2011	535892	7089174	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	20	Dry	Good	Black Spruce
1119630	25/07/2011	535934	7089145	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Pronounced Slope	B	20	Damp	Good	Black Spruce
1119631	25/07/2011	535977	7089119	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Good	Poplar
1119633	25/07/2011	536018	7089090	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Sand	Pronounced Slope	C	40	Dry	Good	Poplar
1119635	25/07/2011	536059	7089063	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Pronounced Slope	B	20	Damp	Good	Poplar
1119636	27/07/2011	538370	7089724	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Good	Poplar
1119637	27/07/2011	538319	7089721	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Poplar
1119638	27/07/2011	538268	7089720	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	B	80	Damp	Good	Poplar
1119639	27/07/2011	538219	7089712	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	110	Damp	Good	Poplar
1119640	27/07/2011	538167	7089710	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	90	Damp	Good	Poplar
1119641	27/07/2011	538116	7089709	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Steep	C	60	Damp	Good	Poplar
1119642	27/07/2011	538066	7089702	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	70	Damp	Good	Poplar
1119643	27/07/2011	538015	7089697	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	70	Damp	Good	White Spruce
1119644	27/07/2011	537965	7089709	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Poplar
1119645	27/07/2011	537915	7089700	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Good	Poplar
1119646	27/07/2011	537865	7089702	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	B	70	Damp	Good	Birch Forest
1119647	27/07/2011	537814	7089713	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	90	Damp	Good	Birch Forest
1119648	27/07/2011	537767	7089698	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Pronounced Slope	B	100	Wet	Good	Birch Forest
1119649	27/07/2011	537717	7089696	UTMZ7N_NAD83	Bare Soil	Dark Brown	Sand	Pronounced Slope	B	70	Damp	Good	Birch Forest
1119650	27/07/2011	537666	7089687	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Steep	C	70	Damp	Good	Poplar
1119651	29/07/2011	530027	7084549	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Steep	C	70	Wet	Good	Subalpine Fir
1119652	29/07/2011	530069	7084579	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Steep	B	50	Wet	Good	Willows
1119653	29/07/2011	530108	7084611	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Steep	B	30	Wet	Good	Dwarf Birch
1119654	29/07/2011	530145	7084644	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Steep	B	30	Wet	Good	Dwarf Birch
1119655	29/07/2011	530179	7084680	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Steep	B	40	Wet	Good	Dwarf Birch
1119656	29/07/2011	530215	7084717	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Steep	B	30	Wet	Good	Dwarf Birch
1119657	29/07/2011	530249	7084754	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Steep	C	50	Damp	Good	Dwarf Birch
1119658	29/07/2011	530286	7084787	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Steep	B	40	Wet	Good	Dwarf Birch
1119659	29/07/2011	530323	7084823	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Steep	B	30	Damp	Good	Dwarf Birch
1119660	29/07/2011	530353	7084861	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Steep	B	30	Damp	Good	Dwarf Birch
1119661	29/07/2011	530372	7084908	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	B	50	Damp	Good	Dwarf Birch
1119662	29/07/2011	530412	7084937	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Grey Black	Sand	Steep	C	50	Wet	Good	Dwarf Birch
1119663	29/07/2011	530433	7084982	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Steep	B	20	Damp	Good	Dwarf Birch
1119664	29/07/2011	530472	7085012	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Steep	B	30	Damp	Good	Black Spruce
1119665	29/07/2011	530517	7085035	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Bluish Grey	Sand	Steep	B	40	Wet	Good	No Tree Cover
1119666	29/07/2011	530563	7085053	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Steep	B	20	Wet	Good	No Tree Cover
1119667	29/07/2011	530610	7085076	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Steep	B	30	Wet	Good	Dwarf Birch
1119668	29/07/2011	530659	7085070	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Wet	Good	Dwarf Birch
1119669	29/07/2011	530704	7085051	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	50	Wet	Good	Dwarf Birch
1119670	29/07/2011	530751	7085036	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	80	Wet	Good	Dwarf Birch
1119671	29/07/2011	530798	7085019	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Willows

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1119672	29/07/2011	530844	7084998	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	Dwarf Birch
1119673	29/07/2011	530884	7084968	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Dwarf Birch
1119674	29/07/2011	530921	7084933	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	Dwarf Birch
1119675	29/07/2011	530959	7084901	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	30	Wet	Good	Subalpine Fir
1119676	29/07/2011	531007	7084885	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Pronounced Slope	B	30	Wet	Good	Dwarf Birch
1119677	29/07/2011	531056	7084879	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	30	Wet	Good	Dwarf Birch
1119678	29/07/2011	531103	7084863	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Pronounced Slope	B	30	Wet	Good	Dwarf Birch
1119679	29/07/2011	531152	7084852	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	Subalpine Fir
1119680	29/07/2011	531203	7084842	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Pronounced Slope	B	30	Wet	Good	Black Spruce
1119681	29/07/2011	531253	7084838	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Black Spruce
1119682	29/07/2011	531299	7084822	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Wet	Good	Dwarf Birch
1119683	31/07/2011	533868	7086415	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	40	Wet	Good	Black Spruce
1119684	31/07/2011	533846	7086461	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Wet	Good	Black Spruce
1119685	31/07/2011	533828	7086510	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	50	Wet	Good	Black Spruce
1119686	27/07/2011	536872	7088530	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	Black Spruce
1119687	27/07/2011	536835	7088565	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Black Spruce
1119688	27/07/2011	536800	7088601	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Silt	Steep	B	40	Damp	Good	Black Spruce
1119691	28/07/2011	537028	7084010	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Damp	Good	Dwarf Birch
1119692	28/07/2011	537044	7084058	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1119693	28/07/2011	537058	7084107	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1119694	28/07/2011	537061	7084158	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1119695	28/07/2011	537069	7084208	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1119696	28/07/2011	537084	7084257	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1119697	28/07/2011	537098	7084307	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1119698	28/07/2011	537113	7084355	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Dwarf Birch
1119699	28/07/2011	537125	7084406	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Dwarf Birch
1119700	28/07/2011	537144	7084453	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Flat	C	50	Damp	Good	Dwarf Birch
1119701	25/07/2011	533554	7090871	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Dry	Good	White Spruce
1119702	25/07/2011	533616	7090841	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Birch Forest
1119703	25/07/2011	533641	7090824	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Birch Forest
1119704	25/07/2011	533696	7090821	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Good	Birch Forest
1119705	25/07/2011	533746	7090821	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Poor	Birch Forest
1119706	25/07/2011	533793	7090789	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Birch Forest
1119708	25/07/2011	533840	7090754	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Dwarf Birch
1119709	25/07/2011	533888	7090727	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Dry	Good	Dwarf Birch
1119710	25/07/2011	533931	7090692	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	70	Wet	Good	Dwarf Birch
1119711	25/07/2011	533971	7090664	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Dwarf Birch
1119712	25/07/2011	534013	7090633	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	80	Dry	Good	Black Spruce
1119713	25/07/2011	534052	7090603	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Black Spruce
1119714	25/07/2011	534099	7090582	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Black Spruce
1119715	25/07/2011	534137	7090546	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Flat	C	70	Wet	Good	Black Spruce
1119716	25/07/2011	534173	7090513	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Poor	Black Spruce
1119717	25/07/2011	534216	7090489	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Sand	Subtle Slope	C	50	Dry	Good	Black Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1119718	25/07/2011	534258	7090460	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	50	Dry	Good	Dwarf Birch
1119719	25/07/2011	534301	7090434	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Dwarf Birch
1119720	25/07/2011	534340	7090402	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Poplar
1119721	25/07/2011	534396	7090377	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	50	Dry	Good	Black Spruce
1119722	25/07/2011	534441	7090350	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Subtle Slope	C	50	Dry	Good	Black Spruce
1119723	25/07/2011	534482	7090329	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Subtle Slope	C	60	Dry	Good	Poplar
1119724	25/07/2011	534533	7090308	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Poplar
1119725	25/07/2011	534573	7090282	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Subtle Slope	C	70	Dry	Good	Poplar
1119727	25/07/2011	534616	7090263	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Subtle Slope	C	70	Dry	Good	Poplar
1119728	25/07/2011	534663	7090237	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Subtle Slope	C	60	Dry	Good	Poplar
1119729	25/07/2011	534701	7090218	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Subtle Slope	B	40	Dry	Good	Poplar
1119730	25/07/2011	534748	7090191	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Good	Poplar
1119731	25/07/2011	534795	7090166	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	80	Dry	Good	Poplar
1119733	25/07/2011	534833	7090139	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Flat	C	70	Dry	Good	Poplar
1119734	25/07/2011	534883	7090120	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1119736	02/08/2011	535824	7080612	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	90	Damp	Excellent	Black Spruce
1119737	02/08/2011	535827	7080564	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	80	Damp	Good	Black Spruce
1119738	02/08/2011	535827	7080514	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Flat	B	60	Wet	Good	Black Spruce
1119739	02/08/2011	535826	7080462	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	70	Damp	Good	Black Spruce
1119740	02/08/2011	535828	7080412	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Flat	C	70	Damp	Good	Black Spruce
1119741	02/08/2011	535828	7080364	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Flat	B	40	Damp	Poor	Black Spruce
1119742	02/08/2011	535828	7080312	UTMZ7N_NAD83	Thin Moss Cover	Dark Grey Black	Sand	Flat	C	60	Damp	Good	Black Spruce
1119743	02/08/2011	535828	7080262	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Sand	Flat	B	70	Damp	Good	Black Spruce
1119744	02/08/2011	535830	7080212	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Flat	C	60	Damp	Good	Black Spruce
1119745	02/08/2011	535829	7080162	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	B	40	Damp	Good	Old Burn
1119746	02/08/2011	535831	7080113	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Subtle Slope	B	40	Damp	Good	Old Burn
1119747	02/08/2011	535830	7080060	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Flat	C	70	Damp	Good	Old Burn
1119748	02/08/2011	535833	7080010	UTMZ7N_NAD83	Thin Moss Cover	Dark Grey Black	Sand	Subtle Slope	B	40	Damp	Poor	Old Burn
1119749	02/08/2011	535832	7079961	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Flat	B	40	Damp	Good	Old Burn
1119750	02/08/2011	535830	7079910	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Flat	B	50	Damp	Good	Old Burn
1119751	23/07/2011	524345	7092553	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	70	Dry	Excellent	Dwarf Birch
1119752	23/07/2011	524359	7092590	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	70	Dry	Good	White Spruce
1119753	23/07/2011	524380	7092635	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Good	Black Spruce
1119754	23/07/2011	524408	7092687	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	80	Wet	Good	Black Spruce
1119755	23/07/2011	524440	7092732	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Black Spruce
1119756	23/07/2011	524469	7092773	UTMZ7N_NAD83	Thin Moss Cover	Dark Grey Black	Sand	Subtle Slope	C	60	Damp	Good	Black Spruce
1119757	23/07/2011	524515	7092783	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Black Spruce
1119758	23/07/2011	524557	7092827	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Subtle Slope	C	100	Damp	Excellent	Black Spruce
1119759	23/07/2011	524600	7092850	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	80	Damp	Good	Black Spruce
1119760	23/07/2011	524645	7092873	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Good	Dwarf Birch
1119761	23/07/2011	524671	7092916	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Dry	Good	Black Spruce
1119762	23/07/2011	524675	7092973	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	40	Dry	Good	Black Spruce
1119763	23/07/2011	524678	7093022	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Excellent	Black Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1119764	23/07/2011	524684	7093072	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	C	70	Dry	Good	Black Spruce
1119765	23/07/2011	524676	7093122	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Poor	Black Spruce
1119766	23/07/2011	524670	7093171	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	60	Damp	Good	Black Spruce
1119767	23/07/2011	524675	7093225	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	80	Wet	Poor	Black Spruce
1119768	23/07/2011	524700	7093269	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	60	Damp	Good	Black Spruce
1119769	23/07/2011	524706	7093318	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Excellent	Black Spruce
1119770	23/07/2011	524730	7093364	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Black Spruce
1119771	23/07/2011	524741	7093413	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	70	Damp	Good	Black Spruce
1119772	23/07/2011	524754	7093459	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Sand	Subtle Slope	C	60	Damp	Good	Black Spruce
1119773	23/07/2011	524753	7093514	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Sand	Subtle Slope	C	70	Wet	Good	Black Spruce
1119774	23/07/2011	524786	7093558	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	70	Wet	Good	Black Spruce
1119775	23/07/2011	524802	7093604	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Black Spruce
1119776	23/07/2011	524823	7093651	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1119777	23/07/2011	524823	7093706	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	50	Wet	Good	Black Spruce
1119778	23/07/2011	524844	7093750	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	50	Damp	Good	Black Spruce
1119779	23/07/2011	524853	7093797	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	60	Damp	Good	Black Spruce
1119780	23/07/2011	524873	7093844	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	40	Damp	Poor	Dwarf Birch
1119781	23/07/2011	524885	7093892	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	50	Damp	Good	Black Spruce
1119782	23/07/2011	524899	7093940	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1119784	23/07/2011	524913	7093988	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	50	Damp	Good	Black Spruce
1119785	24/07/2011	528164	7094667	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	C	60	Damp	Good	Old Burn
1119801	24/07/2011	527389	7093470	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Old Burn
1119802	24/07/2011	527426	7093499	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1119803	24/07/2011	527458	7093533	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Good	Old Burn
1119804	24/07/2011	527547	7093583	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Old Burn
1119805	24/07/2011	527595	7093589	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	50	Dry	Good	Old Burn
1119806	24/07/2011	527682	7093655	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Old Burn
1119807	24/07/2011	527634	7093634	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1119808	24/07/2011	527502	7093561	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Old Burn
1119809	24/07/2011	527716	7093689	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Old Burn
1119810	24/07/2011	527755	7093725	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	60	Dry	Good	Old Burn
1119811	24/07/2011	527798	7093751	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Old Burn
1119812	24/07/2011	527837	7093781	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1119813	24/07/2011	527882	7093814	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1119814	24/07/2011	527917	7093841	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Silt	Subtle Slope	C	50	Dry	Good	Old Burn
1119815	24/07/2011	527956	7093870	UTMZ7N_NAD83	Burnt Moss	Dark Blue Black	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1119816	24/07/2011	528000	7093898	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1119817	24/07/2011	528035	7093933	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	40	Dry	Good	Old Burn
1119818	24/07/2011	528078	7093961	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	50	Dry	Good	Old Burn
1119820	24/07/2011	528082	7094021	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1119821	24/07/2011	528094	7094072	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	60	Dry	Good	Old Burn
1119822	24/07/2011	528099	7094121	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	60	Dry	Good	Old Burn
1119823	24/07/2011	528103	7094171	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Subtle Slope	C	60	Dry	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1119824	24/07/2011	528109	7094221	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Old Burn
1119825	24/07/2011	528117	7094270	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	80	Damp	Excellent	Old Burn
1119837	27/07/2011	537109	7088328	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Old Burn
1119838	27/07/2011	537067	7088358	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1119839	27/07/2011	537023	7088386	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Old Burn
1119840	27/07/2011	536981	7088416	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Subtle Slope	C	80	Damp	Excellent	Old Burn
1119842	27/07/2011	537625	7089657	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Good	Poplar
1119843	27/07/2011	537582	7089633	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Pronounced Slope	B	60	Damp	Good	Poplar
1119844	27/07/2011	537534	7089620	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	70	Damp	Good	Poplar
1119845	27/07/2011	537495	7089587	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	80	Damp	Good	Birch Forest
1119846	27/07/2011	537461	7089551	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Pronounced Slope	B	70	Damp	Good	Subalpine Fir
1119847	27/07/2011	537424	7089516	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Pronounced Slope	B	80	Damp	Good	Birch Forest
1119848	27/07/2011	537396	7089474	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	80	Damp	Good	Poplar
1119849	27/07/2011	537357	7089443	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	80	Damp	Good	Birch Forest
1119850	27/07/2011	537309	7089433	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	60	Damp	Good	Poplar
1119851	30/07/2011	537623	7083476	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Willows
1119852	30/07/2011	537586	7083511	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	Willows
1119853	30/07/2011	537551	7083548	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	60	Damp	Good	Willows
1119854	30/07/2011	537517	7083584	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	C	30	Damp	Good	Willows
1119855	30/07/2011	537487	7083626	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Flat	C	40	Damp	Good	Willows
1119856	30/07/2011	537451	7083663	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Flat	C	30	Dry	Good	Willows
1119857	30/07/2011	537413	7083696	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Clay	Flat	C	50	Damp	Good	Willows
1119858	30/07/2011	537376	7083731	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Dry	Good	Willows
1119859	30/07/2011	537336	7083763	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Damp	Good	Willows
1119860	30/07/2011	537297	7083796	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Dry	Good	Willows
1119861	30/07/2011	537253	7083821	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Damp	Excellent	Willows
1119862	30/07/2011	537211	7083846	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Flat	C	40	Dry	Good	Willows
1119863	30/07/2011	537172	7083879	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Willows
1119864	30/07/2011	537134	7083913	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	Willows
1119865	30/07/2011	537090	7083938	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Damp	Good	Willows
1119866	30/07/2011	537044	7083958	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	C	30	Damp	Good	Willows
1119867	30/07/2011	536994	7083958	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	Willows
1119868	30/07/2011	536945	7083944	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	Willows
1119869	30/07/2011	536899	7083923	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Damp	Good	Willows
1119870	30/07/2011	536851	7083909	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Willows
1119871	30/07/2011	536803	7083896	UTMZ7N_NAD83	Thin Moss Cover	Dark Grey Black	Sand	Subtle Slope	C	50	Dry	Excellent	Willows
1119872	30/07/2011	536753	7083881	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	C	40	Damp	Good	Willows
1119873	30/07/2011	536702	7083875	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	C	40	Damp	Good	Willows
1119874	30/07/2011	536659	7083857	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	C	40	Damp	Good	Willows
1119876	31/07/2011	535212	7084530	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1119877	31/07/2011	535250	7084563	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	30	Dry	Good	Dwarf Birch
1119878	31/07/2011	535285	7084598	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1119879	31/07/2011	535310	7084642	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Dry	Good	Dwarf Birch

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1119880	31/07/2011	535344	7084679	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Dwarf Birch
1119881	31/07/2011	535379	7084717	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1119882	31/07/2011	535425	7084739	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1119883	31/07/2011	535454	7084780	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Dwarf Birch
1119884	31/07/2011	535482	7084820	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	Dwarf Birch
1119885	31/07/2011	535517	7084857	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1119886	31/07/2011	535549	7084894	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Clay	Subtle Slope	B	20	Dry	Poor	Dwarf Birch
1119887	31/07/2011	535589	7084923	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Poor	Dwarf Birch
1119888	31/07/2011	535623	7084959	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	Dwarf Birch
1119889	31/07/2011	535651	7085000	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Dwarf Birch
1119890	31/07/2011	535693	7085031	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Dry	Good	White Spruce
1119891	31/07/2011	535726	7085070	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	White Spruce
1119892	31/07/2011	535735	7085121	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	Dwarf Birch
1119893	31/07/2011	535756	7085167	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	40	Damp	Poor	Dwarf Birch
1119894	31/07/2011	535778	7085213	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Grey	Sand	Subtle Slope	C	40	Wet	Good	Black Spruce
1119895	31/07/2011	535794	7085262	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Grey	Clay	Subtle Slope	C	40	Wet	Good	Black Spruce
1119896	31/07/2011	535816	7085307	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Grey	Clay	Subtle Slope	C	40	Wet	Good	Black Spruce
1119897	31/07/2011	535839	7085352	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Grey	Clay	Subtle Slope	C	50	Wet	Good	Black Spruce
1119898	31/07/2011	535858	7085400	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Grey	Clay	Subtle Slope	C	50	Wet	Good	Black Spruce
1119899	31/07/2011	535875	7085446	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Clay	Subtle Slope	C	50	Wet	Good	Black Spruce
1119900	31/07/2011	535894	7085492	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Clay	Subtle Slope	C	40	Wet	Good	Black Spruce
1119901	24/07/2011	528168	7094717	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1119902	24/07/2011	528179	7094767	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	110	Damp	Excellent	Old Burn
1119903	24/07/2011	528179	7094817	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	80	Damp	Excellent	Old Burn
1119904	24/07/2011	528179	7094867	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	70	Wet	Good	Old Burn
1119905	24/07/2011	528189	7094915	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	70	Wet	Good	Old Burn
1119906	24/07/2011	528191	7094967	UTMZ7N_NAD83	Burnt Moss	Grey	Sand	Subtle Slope	B	80	Wet	Good	Old Burn
1119907	24/07/2011	528197	7095017	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	100	Damp	Excellent	Old Burn
1119908	24/07/2011	528224	7095056	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	70	Wet	Good	Old Burn
1119909	24/07/2011	528256	7095094	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	90	Wet	Good	Old Burn
1119910	24/07/2011	528293	7095129	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	90	Damp	Excellent	Old Burn
1119912	24/07/2011	528327	7095166	UTMZ7N_NAD83	Burnt Moss	Bluish Grey	Sand	Subtle Slope	B	60	Wet	Good	Old Burn
1119913	24/07/2011	528358	7095203	UTMZ7N_NAD83	Burnt Moss	Bluish Grey	Sand	Subtle Slope	B	50	Wet	Good	Old Burn
1119914	24/07/2011	528395	7095236	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	60	Wet	Good	Old Burn
1119915	24/07/2011	528431	7095271	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	80	Damp	Good	Old Burn
1119916	24/07/2011	528475	7095295	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	80	Wet	Good	Old Burn
1119917	24/07/2011	528517	7095322	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	70	Wet	Good	Old Burn
1119918	24/07/2011	528556	7095352	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	30	Wet	Good	Old Burn
1119919	24/07/2011	528599	7095379	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	60	Wet	Good	Old Burn
1119920	24/07/2011	528641	7095406	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	50	Wet	Good	Old Burn
1119921	24/07/2011	528678	7095437	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Subtle Slope	B	40	Wet	Good	Old Burn
1119922	24/07/2011	528722	7095462	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	Old Burn
1119923	24/07/2011	528762	7095493	UTMZ7N_NAD83	Burnt Moss	Bluish Grey	Sand	Subtle Slope	B	40	Wet	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1119924	24/07/2011	528804	7095521	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Good	Old Burn
1119925	24/07/2011	528844	7095551	UTMZ7N_NAD83	Burnt Moss	Bluish Grey	Sand	Subtle Slope	C	40	Wet	Good	Old Burn
1119926	24/07/2011	528886	7095579	UTMZ7N_NAD83	Burnt Moss	Bluish Grey	Sand	Subtle Slope	C	30	Wet	Good	Old Burn
1119927	24/07/2011	528928	7095606	UTMZ7N_NAD83	Burnt Moss	Bluish Grey	Sand	Subtle Slope	B	30	Wet	Good	Old Burn
1119928	24/07/2011	528967	7095638	UTMZ7N_NAD83	Burnt Moss	Bluish Grey	Sand	Subtle Slope	C	50	Wet	Good	Old Burn
1119929	24/07/2011	529008	7095665	UTMZ7N_NAD83	Burnt Moss	Bluish Grey	Sand	Subtle Slope	B	30	Wet	Good	Old Burn
1119930	31/07/2011	533884	7086367	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Black Spruce
1119932	31/07/2011	534048	7086042	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Wet	Good	Black Spruce
1119933	31/07/2011	534014	7086082	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1119934	31/07/2011	533994	7086131	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Black Spruce
1119935	31/07/2011	533970	7086179	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Black Spruce
1119936	24/07/2011	527015	7092977	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1119937	24/07/2011	527006	7093029	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	80	Dry	Excellent	Old Burn
1119938	24/07/2011	527012	7093081	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1119939	24/07/2011	527023	7093130	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1119941	24/07/2011	527052	7093172	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1119942	24/07/2011	527082	7093212	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Old Burn
1119943	24/07/2011	527117	7093250	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1119944	24/07/2011	527147	7093290	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1119945	24/07/2011	527185	7093324	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1119946	24/07/2011	527222	7093357	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1119947	24/07/2011	527267	7093373	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	110	Damp	Excellent	Old Burn
1119948	24/07/2011	527311	7093396	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1119949	24/07/2011	527352	7093432	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Excellent	Old Burn
1119950	27/07/2011	537231	7088231	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Good	Old Burn
1119951	24/07/2011	526481	7093638	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1119952	24/07/2011	526495	7093686	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1119953	24/07/2011	526514	7093732	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1119954	24/07/2011	526531	7093778	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	Old Burn
1119955	24/07/2011	526545	7093827	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	60	Dry	Good	Old Burn
1119956	24/07/2011	526559	7093875	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	Old Burn
1119957	24/07/2011	526579	7093921	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	60	Dry	Good	Old Burn
1119958	24/07/2011	526588	7093970	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Good	Old Burn
1119959	24/07/2011	526610	7094014	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	Old Burn
1119960	24/07/2011	526646	7094049	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Pronounced Slope	B	70	Wet	Good	Old Burn
1119961	24/07/2011	526682	7094085	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Good	Old Burn
1119962	24/07/2011	526715	7094124	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Good	Old Burn
1119963	24/07/2011	526745	7094162	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Good	Old Burn
1119964	24/07/2011	526778	7094200	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Good	Old Burn
1119965	24/07/2011	526813	7094237	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	Old Burn
1119966	24/07/2011	526848	7094272	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Good	Old Burn
1119967	24/07/2011	526877	7094314	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Pronounced Slope	B	40	Damp	Poor	Black Spruce
1119968	24/07/2011	526901	7094357	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Pronounced Slope	B	40	Damp	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1119969	24/07/2011	526934	7094395	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Pronounced Slope	B	40	Damp	Good	Old Burn
1119970	24/07/2011	526961	7094443	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Pronounced Slope	B	70	Damp	Good	Old Burn
1119971	24/07/2011	526984	7094488	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Clay	Pronounced Slope	B	70	Damp	Good	Old Burn
1119972	24/07/2011	527008	7094532	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Pronounced Slope	B	70	Wet	Good	Old Burn
1119973	24/07/2011	527035	7094575	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Pronounced Slope	B	40	Wet	Good	Old Burn
1119974	24/07/2011	527062	7094617	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Pronounced Slope	B	50	Wet	Good	Old Burn
1119975	24/07/2011	527083	7094663	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Pronounced Slope	B	60	Wet	Good	Old Burn
1119976	24/07/2011	527110	7094705	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Pronounced Slope	B	40	Wet	Good	Old Burn
1119977	24/07/2011	527133	7094749	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Pronounced Slope	B	30	Wet	Good	Old Burn
1119978	24/07/2011	527157	7094793	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Pronounced Slope	B	40	Wet	Good	Old Burn
1119979	24/07/2011	527183	7094838	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Pronounced Slope	B	40	Wet	Good	Old Burn
1119981	24/07/2011	527208	7094879	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Pronounced Slope	B	70	Damp	Good	Old Burn
1119983	24/07/2011	527231	7094924	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Good	Old Burn
1119984	24/07/2011	527253	7094968	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Pronounced Slope	B	40	Damp	Good	Old Burn
1119986	24/07/2011	527043	7092239	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Sand	Subtle Slope	C	80	Dry	Excellent	Old Burn
1119987	24/07/2011	527080	7092272	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn
1119988	24/07/2011	527089	7092324	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	70	Dry	Excellent	Old Burn
1119989	24/07/2011	527091	7092375	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1119990	24/07/2011	527089	7092425	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	70	Dry	Excellent	Old Burn
1119991	24/07/2011	527087	7092478	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1119992	24/07/2011	527094	7092529	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	40	Wet	Good	Old Burn
1119993	24/07/2011	527086	7092581	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1119994	24/07/2011	527078	7092629	UTMZ7N_NAD83	Thin Moss Cover	Reddish Orange	Sand	Subtle Slope	C	90	Wet	Excellent	Old Burn
1119995	24/07/2011	527060	7092675	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	40	Wet	Good	Old Burn
1119996	24/07/2011	527055	7092726	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1119997	24/07/2011	527038	7092774	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1119998	24/07/2011	527036	7092825	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Old Burn
1119999	24/07/2011	527028	7092878	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1120000	24/07/2011	527027	7092928	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	80	Dry	Excellent	Old Burn
1122035	01/08/2011	521793	7081800	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Good	Birch Forest
1122036	01/08/2011	521745	7081793	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1122037	01/08/2011	521692	7081781	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1122038	01/08/2011	521641	7081775	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	30	Dry	Good	Birch Forest
1122039	01/08/2011	521592	7081759	UTMZ7N_NAD83	Leaf Cover	Light Brown	Sand	Subtle Slope	C	40	Dry	Good	Birch Forest
1125179	01/08/2011	520205	7084243	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Steep	B	50	Damp	Good	Old Burn
1125180	01/08/2011	520215	7084241	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Steep	B	50	Damp	Good	Old Burn
1125181	02/08/2011	523661	7083351	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1125182	02/08/2011	523706	7083327	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	Old Burn
1125183	02/08/2011	523752	7083308	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Pronounced Slope	C	40	Damp	Good	Old Burn
1125184	02/08/2011	523799	7083290	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	50	Damp	Excellent	Old Burn
1125185	02/08/2011	523844	7083268	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1125186	02/08/2011	523888	7083247	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	B	30	Damp	Poor	Old Burn
1125202	02/08/2011	523935	7083229	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1125203	02/08/2011	523980	7083208	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Pronounced Slope	C	50	Damp	Excellent	Old Burn
1125204	02/08/2011	524027	7083187	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1122040	01/08/2011	521542	7081746	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Birch Forest
1122041	01/08/2011	521491	7081735	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Good	Birch Forest
1122042	01/08/2011	521440	7081728	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Good	Birch Forest
1122043	01/08/2011	521390	7081716	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	40	Dry	Good	Subalpine Fir
1122044	01/08/2011	521340	7081707	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Birch Forest
1122045	01/08/2011	521287	7081700	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Birch Forest
1125151	01/08/2011	521414	7084978	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Black Spruce
1125152	01/08/2011	521383	7084937	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Willows
1125153	01/08/2011	521353	7084900	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1125154	01/08/2011	521319	7084864	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1125155	01/08/2011	521288	7084825	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1125156	01/08/2011	521252	7084789	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1125157	01/08/2011	521220	7084750	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1125158	01/08/2011	521188	7084711	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1125159	01/08/2011	521144	7084690	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1125160	01/08/2011	521099	7084671	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1125161	01/08/2011	521053	7084653	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Old Burn
1125162	01/08/2011	521006	7084640	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Poor	Old Burn
1125163	01/08/2011	520961	7084615	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Dwarf Birch
1125164	01/08/2011	520912	7084601	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1125165	01/08/2011	520865	7084585	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	Old Burn
1125166	01/08/2011	520818	7084565	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	70	Wet	Poor	Old Burn
1125167	01/08/2011	520771	7084545	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	A	30	Damp	Poor	Old Burn
1125168	01/08/2011	520723	7084528	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Wet	Good	Old Burn
1125169	01/08/2011	520676	7084510	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Poor	Old Burn
1125170	01/08/2011	520202	7084241	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	A	50	Wet	Poor	Old Burn
1125171	01/08/2011	520592	7084468	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	80	Wet	Good	Old Burn
1125172	01/08/2011	520549	7084443	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Pronounced Slope	A	60	Wet	Poor	Old Burn
1125173	01/08/2011	520505	7084416	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	70	Damp	Good	Old Burn
1125174	01/08/2011	520461	7084392	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Old Burn
1125175	01/08/2011	520418	7084366	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	Old Burn
1125176	01/08/2011	520374	7084341	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	80	Wet	Good	Old Burn
1125177	01/08/2011	520331	7084317	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	B	70	Damp	Poor	Old Burn
1125178	01/08/2011	520249	7084267	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Steep	B	40	Damp	Good	Old Burn
1125205	02/08/2011	524073	7083166	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Pronounced Slope	C	50	Damp	Good	Poplar
1125206	02/08/2011	524116	7083149	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Pronounced Slope	C	30	Damp	Poor	Old Burn
1125207	02/08/2011	524161	7083126	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Pronounced Slope	B	30	Damp	Good	Old Burn
1125208	02/08/2011	524207	7083106	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Pronounced Slope	C	40	Damp	Excellent	Old Burn
1125209	02/08/2011	524254	7083096	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Old Burn
1125210	02/08/2011	524300	7083074	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Pronounced Slope	B	40	Damp	Good	Old Burn
1125211	02/08/2011	524349	7083061	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Subtle Slope	C	70	Damp	Excellent	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1125212	02/08/2011	524394	7083038	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	90	Damp	Excellent	Old Burn
1125214	02/08/2011	524434	7083010	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1125215	02/08/2011	524464	7082971	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1125216	02/08/2011	524492	7082930	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	B	60	Damp	Good	Old Burn
1125217	02/08/2011	524524	7082883	UTMZ7N_NAD83	Grass Cover	Dark Blue Black	Sand	Pronounced Slope	C	60	Damp	Excellent	Birch Forest
1125218	02/08/2011	524553	7082843	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Pronounced Slope	C	70	Dry	Good	Old Burn
1125219	02/08/2011	524586	7082797	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Steep	C	50	Dry	Good	Old Burn
1125220	02/08/2011	524618	7082754	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	60	Damp	Excellent	Old Burn
1125221	02/08/2011	524653	7082713	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Old Burn
1125222	02/08/2011	524697	7082689	UTMZ7N_NAD83	Grass Cover	Greyish Green	Sand	Pronounced Slope	C	40	Dry	Good	Black Spruce
1125223	02/08/2011	524739	7082664	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Pronounced Slope	C	40	Damp	Excellent	Poplar
1125224	02/08/2011	524786	7082644	UTMZ7N_NAD83	Grass Cover	Dark Grey Black	Sand	Pronounced Slope	C	50	Damp	Good	Old Burn
1125225	02/08/2011	524832	7082625	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Black Spruce
1125226	02/08/2011	524874	7082596	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Birch Forest
1125227	02/08/2011	524920	7082579	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Birch Forest
1125228	02/08/2011	524964	7082552	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Dry	Good	Black Spruce
1125253	02/08/2011	523576	7082635	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Pronounced Slope	C	70	Damp	Good	Dwarf Birch
1125254	02/08/2011	523627	7082612	UTMZ7N_NAD83	Thin Moss Cover	Dark Grey Black	Sand	Pronounced Slope	C	80	Wet	Good	Willows
1125255	02/08/2011	523673	7082593	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	70	Wet	Poor	Willows
1125256	02/08/2011	523719	7082573	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	80	Wet	Good	Dwarf Birch
1125257	02/08/2011	523763	7082560	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Pronounced Slope	C	70	Damp	Good	Birch Forest
1125258	02/08/2011	523809	7082542	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	80	Damp	Good	Dwarf Birch
1125259	02/08/2011	523858	7082521	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Pronounced Slope	B	80	Damp	Good	Birch Forest
1125260	02/08/2011	523911	7082503	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Pronounced Slope	C	60	Damp	Good	Birch Forest
1125261	02/08/2011	523954	7082488	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Pronounced Slope	C	50	Dry	Good	Birch Forest
1125262	02/08/2011	524004	7082472	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	50	Wet	Good	Birch Forest
1125263	02/08/2011	524047	7082452	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Black Spruce
1125264	02/08/2011	524143	7082433	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	110	Damp	Good	Old Burn
1125265	02/08/2011	524199	7082421	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Good	Old Burn
1125266	02/08/2011	524248	7082412	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	70	Wet	Good	Old Burn
1125267	02/08/2011	524296	7082402	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Steep	C	60	Damp	Good	Dwarf Birch
1125268	02/08/2011	524347	7082397	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	100	Damp	Good	Old Burn
1125269	02/08/2011	524398	7082386	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Silt	Pronounced Slope	B	60	Wet	Poor	Black Spruce
1125270	02/08/2011	524447	7082388	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	Black Spruce
1125271	02/08/2011	524496	7082377	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	Old Burn
1125272	02/08/2011	524549	7082352	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Poor	Birch Forest
1125273	02/08/2011	524595	7082364	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Old Burn
1125274	02/08/2011	524646	7082357	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Steep	C	80	Damp	Good	Old Burn
1125275	02/08/2011	524691	7082343	UTMZ7N_NAD83	Burnt Moss	Grey	Sand	Pronounced Slope	C	70	Wet	Good	Old Burn
1125276	02/08/2011	524744	7082341	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Steep	C	60	Dry	Good	Old Burn
1125277	02/08/2011	524793	7082313	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Birch Forest
1125278	02/08/2011	524844	7082283	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	Birch Forest
1125279	02/08/2011	524893	7082253	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Good	Birch Forest

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1125280	02/08/2011	524925	7082205	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	90	Wet	Good	Birch Forest
1125281	02/08/2011	524978	7082186	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Birch Forest
1125282	02/08/2011	525023	7082153	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	60	Dry	Excellent	Birch Forest
1125301	05/08/2011	532780	7082108	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Dwarf Birch
1125302	05/08/2011	532776	7082059	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	Dwarf Birch
1125303	05/08/2011	532751	7082014	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Dwarf Birch
1125304	05/08/2011	532725	7081971	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1125305	05/08/2011	532705	7081922	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Dry	Good	Dwarf Birch
1125306	05/08/2011	532686	7081877	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	Dwarf Birch
1125307	05/08/2011	532674	7081828	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Black Spruce
1125308	05/08/2011	532670	7081776	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1125309	05/08/2011	532643	7081734	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	Dwarf Birch
1125310	05/08/2011	532603	7081702	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Dwarf Birch
1125311	05/08/2011	532566	7081670	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Dwarf Birch
1125312	05/08/2011	532534	7081631	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Flat	C	60	Dry	Excellent	Dwarf Birch
1125313	05/08/2011	532489	7081607	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Good	Dwarf Birch
1125314	05/08/2011	532443	7081585	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Good	Dwarf Birch
1125315	05/08/2011	532405	7081551	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Dry	Good	Dwarf Birch
1125316	05/08/2011	532363	7081524	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1125317	05/08/2011	532329	7081486	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	B	40	Damp	Good	Birch Forest
1125318	05/08/2011	532283	7081466	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Dry	Good	Birch Forest
1125319	05/08/2011	532234	7081454	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Birch Forest
1125320	05/08/2011	532200	7081418	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1125321	05/08/2011	532168	7081378	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Birch Forest
1125322	05/08/2011	532133	7081341	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Birch Forest
1125323	05/08/2011	532105	7081298	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Good	Birch Forest
1125324	05/08/2011	532088	7081251	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Birch Forest
1125325	05/08/2011	532079	7081199	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	Birch Forest
1125326	05/08/2011	532057	7081152	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Birch Forest
1125327	05/08/2011	532043	7081105	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Birch Forest
1125328	05/08/2011	532028	7081056	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Birch Forest
1125329	05/08/2011	532001	7081013	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Birch Forest
1125330	05/08/2011	531961	7080980	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Dry	Good	Dwarf Birch
1125332	05/08/2011	531925	7080943	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Dry	Good	Birch Forest
1125333	05/08/2011	531889	7080908	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Dry	Good	Dwarf Birch
1125451	02/08/2011	522773	7084645	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Wet	Poor	Old Burn
1125452	02/08/2011	522801	7084605	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	No Tree Cover
1125453	02/08/2011	522832	7084566	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Dry	Good	Old Burn
1125454	02/08/2011	522857	7084522	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	70	Wet	Good	Old Burn
1125455	02/08/2011	522887	7084482	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Old Burn
1125456	02/08/2011	522938	7084396	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Old Burn
1125457	02/08/2011	522967	7084354	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	10	Damp	Good	Old Burn
1125458	02/08/2011	522996	7084314	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Good	Old Burn

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1125459	02/08/2011	523025	7084274	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	Old Burn
1125460	02/08/2011	523050	7084230	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Pronounced Slope	B	20	Damp	Good	Old Burn
1125461	02/08/2011	523079	7084189	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	Old Burn
1125462	02/08/2011	523107	7084146	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	Old Burn
1125463	02/08/2011	523135	7084104	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1125464	02/08/2011	523167	7084064	UTMZ7N_NAD83	Bare Soil	Light Brown	Clay	Subtle Slope	C	10	Dry	Good	Old Burn
1125465	02/08/2011	523194	7084022	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Clay	Subtle Slope	C	20	Damp	Good	Old Burn
1125466	02/08/2011	523221	7083980	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Clay	Subtle Slope	C	30	Damp	Good	Old Burn
1125467	02/08/2011	523249	7083938	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Clay	Subtle Slope	C	30	Damp	Good	Old Burn
1125468	02/08/2011	523279	7083898	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Clay	Subtle Slope	B	10	Damp	Good	Old Burn
1125469	02/08/2011	523300	7083853	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Clay	Subtle Slope	B	20	Dry	Good	Old Burn
1125470	02/08/2011	523322	7083809	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Clay	Subtle Slope	B	40	Damp	Good	Old Burn
1125471	02/08/2011	523351	7083768	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Sand	Subtle Slope	C	20	Damp	Good	Old Burn
1125472	02/08/2011	523378	7083724	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Clay	Subtle Slope	C	40	Damp	Good	Old Burn
1125473	02/08/2011	523399	7083677	UTMZ7N_NAD83	Bare Soil	Light Brown	Clay	Subtle Slope	C	40	Damp	Good	Old Burn
1125474	02/08/2011	523421	7083632	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Clay	Subtle Slope	B	30	Damp	Good	Old Burn
1125475	02/08/2011	523449	7083591	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Clay	Subtle Slope	C	50	Damp	Good	Old Burn
1125476	02/08/2011	523481	7083551	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	20	Damp	Good	Old Burn
1125477	02/08/2011	523512	7083511	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Clay	Subtle Slope	C	30	Damp	Good	Old Burn
1125478	02/08/2011	523550	7083480	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	20	Dry	Good	Old Burn
1125479	02/08/2011	523579	7083439	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Clay	Subtle Slope	C	60	Damp	Excellent	Old Burn
1125481	02/08/2011	523611	7083399	UTMZ7N_NAD83	Thin Moss Cover	Reddish Orange	Sand	Subtle Slope	C	10	Dry	Good	Old Burn
1127124	01/08/2011	522522	7082091	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1127125	01/08/2011	522532	7082041	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Dwarf Birch
1127126	01/08/2011	522544	7081991	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Dwarf Birch
1127127	01/08/2011	522554	7081941	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Poplar
1127836	01/08/2011	523832	7084157	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	60	Dry	Excellent	Old Burn
1127838	01/08/2011	523877	7084141	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1127839	01/08/2011	523923	7084119	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Old Burn
1127840	01/08/2011	523970	7084098	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1127841	01/08/2011	524023	7084077	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	C	50	Dry	Good	Old Burn
1127842	01/08/2011	524073	7084053	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Old Burn
1127843	01/08/2011	524128	7084035	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1127844	01/08/2011	524170	7084009	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	C	50	Dry	Good	Old Burn
1127845	01/08/2011	524214	7083981	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1127846	01/08/2011	524255	7083959	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1127847	01/08/2011	524300	7083940	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1127848	01/08/2011	524345	7083917	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1127849	01/08/2011	524395	7083894	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1127850	01/08/2011	524435	7083871	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1126136	01/08/2011	522466	7082810	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1126137	01/08/2011	522482	7082762	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1126138	01/08/2011	522496	7082714	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1126139	01/08/2011	522506	7082669	UTMZ7N_NAD83	Needle Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1126140	01/08/2011	522522	7082617	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1126141	01/08/2011	522539	7082571	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1126142	01/08/2011	522550	7082522	UTMZ7N_NAD83	Burnt Moss	Bluish Grey	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1126143	01/08/2011	522566	7082476	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Old Burn
1126144	01/08/2011	522577	7082427	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	Old Burn
1126145	01/08/2011	522606	7082386	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Old Burn
1126146	01/08/2011	522652	7082369	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1126147	01/08/2011	522699	7082349	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1126148	01/08/2011	522741	7082325	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1126149	01/08/2011	522786	7082299	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1126150	01/08/2011	522829	7082277	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1127128	01/08/2011	522562	7081890	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Poplar
1127129	01/08/2011	522576	7081841	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Birch Forest
1127130	01/08/2011	522593	7081792	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Birch Forest
1127131	01/08/2011	522602	7081743	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Birch Forest
1127132	01/08/2011	522620	7081696	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Poplar
1127133	01/08/2011	522629	7081645	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Poplar
1127134	01/08/2011	522630	7081593	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Poplar
1127135	01/08/2011	522630	7081543	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Poplar
1127136	01/08/2011	522628	7081492	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Poplar
1127137	01/08/2011	522620	7081442	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Poplar
1127138	01/08/2011	522623	7081391	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Poplar
1127139	01/08/2011	522617	7081340	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Poplar
1127140	01/08/2011	522612	7081288	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Birch Forest
1127141	01/08/2011	522609	7081236	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Birch Forest
1127142	01/08/2011	522604	7081185	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Poplar
1127143	01/08/2011	522602	7081135	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Sand	Subtle Slope	C	50	Dry	Excellent	Dwarf Birch
1127144	01/08/2011	522599	7081083	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Birch Forest
1127145	01/08/2011	522594	7081031	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Poplar
1127146	01/08/2011	522590	7080978	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Poplar
1127147	01/08/2011	522600	7080929	UTMZ7N_NAD83	Bare Soil	Grey	Sand	Subtle Slope	C	50	Dry	Excellent	Birch Forest
1127148	01/08/2011	522598	7080877	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Poplar
1127149	01/08/2011	522598	7080827	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Birch Forest
1127150	01/08/2011	522601	7080777	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Poplar
1127151	01/08/2011	522603	7080726	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Birch Forest
1127152	01/08/2011	522602	7080675	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Excellent	Poplar
1127153	01/08/2011	522594	7080624	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Excellent	Poplar
1127154	01/08/2011	522589	7080573	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Poplar
1127155	01/08/2011	522574	7080524	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Poplar
1127159	01/08/2011	526610	7085244	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Poor	Black Spruce
1127160	01/08/2011	526582	7085201	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Wet	Good	Black Spruce
1127161	01/08/2011	526554	7085159	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Black Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1127162	01/08/2011	526523	7085119	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	70	Damp	Good	Birch Forest
1127163	01/08/2011	526498	7085075	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Excellent	Black Spruce
1127164	01/08/2011	526470	7085033	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Birch Forest
1127165	01/08/2011	526442	7084991	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Birch Forest
1127166	01/08/2011	526412	7084949	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Wet	Good	Black Spruce
1127167	01/08/2011	526365	7084928	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Birch Forest
1127168	01/08/2011	526319	7084904	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Birch Forest
1127169	01/08/2011	526273	7084878	UTMZ7N_NAD83	Leaf Cover	Dark Brown	Sand	Subtle Slope	C	70	Wet	Good	Birch Forest
1127170	01/08/2011	526227	7084857	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	Birch Forest
1127171	01/08/2011	526182	7084835	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	80	Damp	Good	Birch Forest
1127172	01/08/2011	526136	7084809	UTMZ7N_NAD83	Leaf Cover	Light Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Birch Forest
1127173	01/08/2011	526088	7084787	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Sand	Subtle Slope	C	50	Dry	Excellent	Birch Forest
1127174	01/08/2011	526041	7084766	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Birch Forest
1127175	01/08/2011	525995	7084742	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Black Spruce
1127176	01/08/2011	525949	7084720	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Birch Forest
1127177	01/08/2011	525912	7084684	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Black Spruce
1127178	01/08/2011	525875	7084650	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Birch Forest
1127179	01/08/2011	525837	7084617	UTMZ7N_NAD83	Leaf Cover	Dark Brown	Sand	Subtle Slope	B	30	Wet	Poor	Willows
1127180	01/08/2011	525802	7084579	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Clay	Subtle Slope	C	90	Damp	Excellent	Birch Forest
1127182	01/08/2011	525765	7084551	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Excellent	Birch Forest
1127183	01/08/2011	525730	7084514	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Birch Forest
1127184	01/08/2011	525689	7084484	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Birch Forest
1127185	01/08/2011	525653	7084446	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	C	40	Damp	Poor	Birch Forest
1127186	01/08/2011	525614	7084412	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Excellent	Birch Forest
1127187	01/08/2011	525580	7084375	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Sand	Pronounced Slope	C	40	Dry	Good	Birch Forest
1127188	01/08/2011	525540	7084342	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	Birch Forest
1127189	01/08/2011	525498	7084310	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	Birch Forest
1127190	01/08/2011	525454	7084284	UTMZ7N_NAD83	Needle Cover	Reddish Yellow	Sand	Pronounced Slope	C	30	Dry	Good	Poplar
1127191	01/08/2011	525424	7084265	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	20	Dry	Good	Poplar
1127194	02/08/2011	526256	7081506	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Birch Forest
1127195	02/08/2011	526305	7081519	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Birch Forest
1127196	02/08/2011	526354	7081534	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Excellent	Birch Forest
1127197	02/08/2011	526404	7081547	UTMZ7N_NAD83	Needle Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Birch Forest
1127198	02/08/2011	526455	7081554	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Birch Forest
1127199	02/08/2011	526506	7081563	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	80	Damp	Good	Birch Forest
1127200	02/08/2011	526553	7081582	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Birch Forest
1127201	02/08/2011	526600	7081602	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	90	Dry	Excellent	Birch Forest
1127202	02/08/2011	526643	7081625	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Birch Forest
1127203	02/08/2011	526690	7081646	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Birch Forest
1127204	02/08/2011	526739	7081664	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Flat	C	60	Wet	Good	Old Burn
1127205	02/08/2011	526786	7081684	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	C	60	Dry	Excellent	Poplar
1127206	02/08/2011	526834	7081703	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Poplar
1127207	02/08/2011	526876	7081732	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Poplar

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1127208	02/08/2011	526922	7081757	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Birch Forest
1127209	02/08/2011	526969	7081776	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Birch Forest
1127210	02/08/2011	527017	7081796	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	70	Wet	Good	Black Spruce
1127211	02/08/2011	527064	7081817	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Birch Forest
1127212	02/08/2011	527109	7081839	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	80	Dry	Excellent	Birch Forest
1127213	02/08/2011	527156	7081859	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Excellent	Birch Forest
1127214	02/08/2011	527199	7081887	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	70	Damp	Good	Black Spruce
1127215	02/08/2011	527244	7081912	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Black Spruce
1127216	02/08/2011	527288	7081937	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Black Spruce
1127217	02/08/2011	527334	7081962	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Birch Forest
1127218	02/08/2011	527370	7081999	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Birch Forest
1127219	02/08/2011	527416	7082022	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	C	70	Damp	Good	Birch Forest
1127220	02/08/2011	527460	7082050	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	70	Damp	Good	Birch Forest
1127221	02/08/2011	527501	7082081	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Poplar
1127222	02/08/2011	527539	7082114	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Poplar
1127223	02/08/2011	527563	7082137	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Subtle Slope	B	30	Wet	Good	Black Spruce
1127230	02/08/2011	525048	7082108	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	O	40	Wet	Good	Birch Forest
1127231	02/08/2011	525072	7082066	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Birch Forest
1127232	02/08/2011	525097	7082022	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Birch Forest
1127233	02/08/2011	525119	7081975	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Excellent	Birch Forest
1127234	02/08/2011	525145	7081930	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Grey Black	Sand	Pronounced Slope	B	50	Damp	Good	Black Spruce
1127235	02/08/2011	525168	7081883	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Pronounced Slope	C	30	Dry	Good	Birch Forest
1127236	02/08/2011	525191	7081837	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	Birch Forest
1127237	02/08/2011	525211	7081789	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Birch Forest
1127238	02/08/2011	525235	7081742	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Birch Forest
1127239	02/08/2011	525257	7081696	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	60	Dry	Excellent	Birch Forest
1127241	02/08/2011	525278	7081654	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	20	Damp	Good	Birch Forest
1127242	02/08/2011	525300	7081609	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Sand	Pronounced Slope	C	50	Dry	Excellent	Birch Forest
1127243	02/08/2011	525321	7081563	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Steep	C	50	Dry	Excellent	Poplar
1127244	02/08/2011	525340	7081516	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Pronounced Slope	C	40	Damp	Good	Willows
1127245	02/08/2011	525366	7081473	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Sand	Pronounced Slope	C	70	Damp	Poor	Black Spruce
1127246	02/08/2011	525387	7081428	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Sand	Pronounced Slope	C	40	Wet	Poor	Black Spruce
1127247	02/08/2011	525409	7081382	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Clay	Subtle Slope	B	60	Wet	Good	Black Spruce
1127248	02/08/2011	525426	7081334	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Sand	Pronounced Slope	C	80	Damp	Excellent	Black Spruce
1127249	02/08/2011	525438	7081284	UTMZ7N_NAD83	Leaf Cover	Dark Grey Black	Sand	Pronounced Slope	C	40	Dry	Poor	Birch Forest
1127250	02/08/2011	525456	7081237	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Excellent	Birch Forest
1127251	02/08/2011	525466	7081187	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Sand	Steep	C	30	Dry	Good	Birch Forest
1127252	02/08/2011	525487	7081137	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Sand	Steep	C	20	Dry	Good	Birch Forest
1127253	02/08/2011	525496	7081086	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Sand	Steep	C	30	Dry	Excellent	Birch Forest
1127254	02/08/2011	525517	7081032	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Steep	C	80	Damp	Good	Dwarf Birch
1127255	02/08/2011	525531	7080983	UTMZ7N_NAD83	Leaf Cover	Dark Grey Black	Sand	Pronounced Slope	B	40	Dry	Good	Birch Forest
1127256	02/08/2011	525543	7080932	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Steep	C	50	Dry	Excellent	Birch Forest
1127257	02/08/2011	525548	7080879	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	O	30	Dry	Excellent	Birch Forest

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1127258	02/08/2011	525541	7080826	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Excellent	Birch Forest
1127259	02/08/2011	525537	7080775	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Birch Forest
1127260	02/08/2011	525516	7080720	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Sand	Pronounced Slope	C	20	Dry	Excellent	Birch Forest
1127261	02/08/2011	525516	7080667	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Sand	Pronounced Slope	C	20	Dry	Excellent	Birch Forest
1127537	02/08/2011	525439	7080060	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Black Spruce
1127538	02/08/2011	525441	7080112	UTMZ7N_NAD83	Leaf Cover	Light Brown	Sand	Pronounced Slope	C	40	Damp	Good	Birch Forest
1127539	02/08/2011	525448	7080160	UTMZ7N_NAD83	Leaf Cover	Grey	Clay	Subtle Slope	B	100	Damp	Good	Black Spruce
1127540	02/08/2011	525461	7080208	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	Willows
1127541	02/08/2011	525465	7080260	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Excellent	Poplar
1127542	02/08/2011	525468	7080312	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Pronounced Slope	C	40	Damp	Excellent	Poplar
1127543	02/08/2011	525475	7080360	UTMZ7N_NAD83	Leaf Cover	Reddish Orange	Sand	Subtle Slope	C	40	Damp	Excellent	Black Spruce
1127544	02/08/2011	525487	7080410	UTMZ7N_NAD83	Leaf Cover	Grey	Sand	Subtle Slope	C	50	Dry	Good	Black Spruce
1127545	02/08/2011	525491	7080457	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Pronounced Slope	C	40	Damp	Excellent	Black Spruce
1127546	02/08/2011	525498	7080502	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Pronounced Slope	B	40	Dry	Good	Poplar
1127547	02/08/2011	525508	7080555	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	100	Dry	Excellent	Black Spruce
1127548	02/08/2011	525512	7080605	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Pronounced Slope	C	50	Wet	Poor	Willows
1127687	01/08/2011	522875	7082252	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1127688	02/08/2011	524154	7084857	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	60	Dry	Excellent	Old Burn
1127690	02/08/2011	524198	7084832	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1127691	02/08/2011	524239	7084804	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	60	Dry	Excellent	Old Burn
1127793	01/08/2011	524481	7083853	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1127794	01/08/2011	524529	7083830	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1127795	01/08/2011	524574	7083808	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Old Burn
1127951	01/08/2011	522303	7083215	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1127952	01/08/2011	522262	7083186	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Pronounced Slope	C	30	Dry	Excellent	Old Burn
1127953	01/08/2011	522225	7083153	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Excellent	Old Burn
1127954	01/08/2011	522178	7083129	UTMZ7N_NAD83	Burnt Moss	Grey	Sand	Pronounced Slope	C	50	Dry	Excellent	Old Burn
1127955	01/08/2011	522136	7083105	UTMZ7N_NAD83	Burnt Moss	Reddish Orange	Sand	Pronounced Slope	C	40	Dry	Excellent	Old Burn
1127956	01/08/2011	522094	7083076	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Old Burn
1127957	01/08/2011	522055	7083044	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1127958	01/08/2011	522012	7083018	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1127959	01/08/2011	521972	7082989	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1127960	01/08/2011	521930	7082961	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1127961	01/08/2011	521889	7082934	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1127962	01/08/2011	521838	7082910	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	70	Dry	Excellent	Old Burn
1127963	01/08/2011	521806	7082874	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Excellent	Old Burn
1127964	01/08/2011	521762	7082851	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Excellent	Old Burn
1127965	01/08/2011	521715	7082807	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1127966	01/08/2011	521668	7082781	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1127967	01/08/2011	521641	7082755	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Old Burn
1127968	01/08/2011	521595	7082717	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1127969	01/08/2011	521554	7082686	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Old Burn
1127970	01/08/2011	521515	7082656	UTMZ7N_NAD83	Burnt Moss	Greyish Green	Sand	Subtle Slope	B	20	Dry	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1127971	01/08/2011	521474	7082626	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	20	Dry	Good	Old Burn
1127972	01/08/2011	521441	7082590	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1127973	01/08/2011	521399	7082560	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1127974	01/08/2011	521367	7082522	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn
1127975	01/08/2011	521332	7082482	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Birch Forest
1127976	01/08/2011	521302	7082440	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Pronounced Slope	C	60	Dry	Excellent	Birch Forest
1127977	01/08/2011	521278	7082393	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	80	Damp	Excellent	Old Burn
1127978	01/08/2011	521243	7082367	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	Birch Forest
1127979	01/08/2011	521219	7082329	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Excellent	Birch Forest
1127981	01/08/2011	521191	7082293	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Excellent	Poplar
1127983	01/08/2011	521168	7082254	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Excellent	Poplar
1127984	01/08/2011	521140	7082213	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Excellent	Poplar
1148001	26/06/2011	527862	7089436	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	20	Damp	Good	Old Burn
1148002	26/06/2011	527819	7089460	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1148003	26/06/2011	527775	7089484	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1148004	26/06/2011	527733	7089508	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	70	Damp	Good	Old Burn
1148005	26/06/2011	527688	7089535	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn
1148006	26/06/2011	527645	7089559	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn
1148007	26/06/2011	527602	7089585	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Old Burn
1148008	26/06/2011	527579	7089626	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Flat	C	40	Damp	Good	Old Burn
1148009	26/06/2011	527555	7089672	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	20	Damp	Poor	Old Burn
1148010	26/06/2011	527533	7089715	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1148011	26/06/2011	527509	7089760	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	Willows
1148012	26/06/2011	527482	7089804	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1148013	26/06/2011	527461	7089849	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Poor	Willows
1148014	26/06/2011	527433	7089891	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Subtle Slope	B	40	Damp	Good	Old Burn
1148015	26/06/2011	527409	7089936	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Poor	Old Burn
1148016	26/06/2011	527381	7089987	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1148017	26/06/2011	527366	7090037	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Old Burn
1148018	26/06/2011	527349	7090085	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1148019	26/06/2011	527334	7090132	UTMZ7N_NAD83	Thin Moss Cover	Grey	Clay	Subtle Slope	B	40	Damp	Good	Old Burn
1148020	26/06/2011	527316	7090179	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Old Burn
1148021	26/06/2011	527300	7090226	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1148022	26/06/2011	527286	7090274	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1148023	26/06/2011	527156	7090654	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	60	Wet	Good	Old Burn
1148024	26/06/2011	527173	7090606	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1148025	26/06/2011	527189	7090559	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	60	Damp	Good	Old Burn
1148026	26/06/2011	527206	7090512	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	20	Dry	Excellent	Old Burn
1148027	26/06/2011	527222	7090464	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1148028	28/06/2011	523825	7091360	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Black Spruce
1148029	28/06/2011	523839	7091312	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	White Spruce
1148030	28/06/2011	523854	7091264	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	White Spruce
1148031	28/06/2011	523876	7091218	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	White Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1148032	28/06/2011	523890	7091173	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	30	Wet	Good	White Spruce
1148033	28/06/2011	523910	7091125	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1148034	28/06/2011	523926	7091078	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	White Spruce
1148035	28/06/2011	523963	7091043	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	White Spruce
1148036	28/06/2011	523976	7090995	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	White Spruce
1148037	28/06/2011	524013	7090958	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	White Spruce
1148038	28/06/2011	524047	7090921	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Black Spruce
1148039	28/06/2011	524082	7090882	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	White Spruce
1148040	28/06/2011	524114	7090845	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	White Spruce
1148041	28/06/2011	524147	7090803	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Reddish Brown	Sand	Subtle Slope	C	70	Damp	Good	White Spruce
1148042	28/06/2011	524180	7090773	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	80	Damp	Good	White Spruce
1148043	28/06/2011	524220	7090743	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	White Spruce
1148044	28/06/2011	524260	7090712	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Willows
1148045	28/06/2011	524296	7090675	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	White Spruce
1148046	28/06/2011	524338	7090645	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	Willows
1148047	28/06/2011	524338	7090592	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1148048	28/06/2011	524341	7090544	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1148049	28/06/2011	524337	7090493	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Willows
1148050	28/06/2011	524338	7090442	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	White Spruce
1194208	24/06/2011	529247	7079781	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	No Tree Cover
1194209	24/06/2011	529299	7079783	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1194210	24/06/2011	529750	7079792	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	60	Damp	Good	Willows
1194211	24/06/2011	529799	7079795	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	White Spruce
1194212	24/06/2011	529851	7079794	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	White Spruce
1194213	24/06/2011	529902	7079798	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Birch Forest
1194214	24/06/2011	529953	7079799	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	Poplar
1194215	24/06/2011	530003	7079803	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Pronounced Slope	B	80	Damp	Good	Birch Forest
1194216	24/06/2011	530055	7079801	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Birch Forest
1194217	24/06/2011	530105	7079805	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	60	Damp	Good	Birch Forest
1194218	24/06/2011	530156	7079808	UTMZ7N_NAD83	Leaf Cover	Dark Brown	Sand	Pronounced Slope	B	50	Damp	Good	Birch Forest
1197483	27/06/2011	533026	7089547	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Black Spruce
1197484	27/06/2011	532979	7089565	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	50	Dry	Good	Black Spruce
1197485	27/06/2011	532939	7089600	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	40	Dry	Good	Black Spruce
1197486	27/06/2011	532888	7089607	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Sand	Subtle Slope	C	50	Damp	Good	Black Spruce
1193597	21/06/2011	529639	7085590	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Steep	B	80	Damp	Good	Dwarf Birch
1193598	21/06/2011	529578	7085596	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Steep	B	50	Damp	Good	Dwarf Birch
1193599	21/06/2011	529533	7085603	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Silt	Steep	B	60	Damp	Good	Dwarf Birch
1193600	21/06/2011	529482	7085610	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Grey	Sand	Steep	B	30	Damp	Good	Dwarf Birch
1193802	19/06/2011	526388	7082453	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Poplar
1193803	19/06/2011	526570	7083730	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Sand	Subtle Slope	O	50	Wet	Good	Willows
1193804	19/06/2011	526622	7083745	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Good	Willows
1193805	19/06/2011	526374	7082399	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Good	Poplar
1193806	19/06/2011	526350	7082296	UTMZ7N_NAD83	Leaf Cover	Dark Brown	Sand	Subtle Slope	C	40	Damp	Good	White Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1193807	19/06/2011	526324	7082195	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Sand	Flat	C	70	Dry	Excellent	Old Burn
1193809	19/06/2011	526303	7082145	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Good	White Spruce
1193810	19/06/2011	526998	7084079	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	Pine
1193811	19/06/2011	526960	7084045	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Pine
1193812	19/06/2011	526928	7084006	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	C	50	Damp	Excellent	Willows
1193813	19/06/2011	526890	7083972	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	60	Dry	Excellent	Pine
1193814	19/06/2011	526857	7083934	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	C	60	Wet	Excellent	Willows
1193815	19/06/2011	526817	7083903	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Willows
1193816	19/06/2011	526782	7083868	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1193817	19/06/2011	526744	7083832	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1193818	19/06/2011	526668	7083766	UTMZ7N_NAD83	Thin Moss Cover	Dark Blue Black	Sand	Subtle Slope	C	50	Damp	Good	Willows
1193819	19/06/2011	526710	7083795	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Sand	Subtle Slope	C	30	Damp	Good	Willows
1193820	19/06/2011	526173	7083733	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Excellent	Willows
1193821	19/06/2011	526122	7083733	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1193822	19/06/2011	526073	7083748	UTMZ7N_NAD83	Thin Moss Cover	Greyish Green	Sand	Subtle Slope	C	50	Damp	Good	Willows
1193823	19/06/2011	526024	7083743	UTMZ7N_NAD83	Thin Moss Cover	Dark Blue Black	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1193824	19/06/2011	525978	7083760	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1193825	19/06/2011	525929	7083777	UTMZ7N_NAD83	Thin Moss Cover	Dark Blue Black	Sand	Subtle Slope	B	40	Damp	Good	Willows
1193826	19/06/2011	526480	7083697	UTMZ7N_NAD83	Thin Moss Cover	Dark Blue Black	Sand	Subtle Slope	C	50	Damp	Good	Willows
1193827	19/06/2011	526428	7083697	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Sand	Subtle Slope	C	50	Damp	Good	Willows
1193828	19/06/2011	526380	7083712	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1193829	19/06/2011	526329	7083717	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Willows
1193830	19/06/2011	525880	7083786	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1193831	19/06/2011	525833	7083805	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Willows
1193832	19/06/2011	526401	7082502	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Poplar
1193833	19/06/2011	526530	7083705	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Willows
1193834	19/06/2011	526287	7082094	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Good	White Spruce
1193835	19/06/2011	525782	7083807	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1193836	19/06/2011	525730	7083821	UTMZ7N_NAD83	Leaf Cover	Dark Blue Black	Sand	Pronounced Slope	C	40	Damp	Good	Willows
1193837	21/06/2011	528544	7087107	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1193838	19/06/2011	525626	7083847	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Willows
1193839	19/06/2011	525680	7083829	UTMZ7N_NAD83	Leaf Cover	Bluish Grey	Sand	Pronounced Slope	C	60	Damp	Good	Willows
1193841	19/06/2011	525591	7083868	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Black Spruce
1193842	21/06/2011	528524	7087171	UTMZ7N_NAD83	Thin Moss Cover	Dark Olivine Green	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1193843	19/06/2011	526223	7083721	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Sand	Subtle Slope	C	40	Wet	Good	Black Spruce
1193844	21/06/2011	528498	7087222	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1193845	19/06/2011	526278	7082046	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Dry	Good	Poplar
1193846	19/06/2011	526262	7081999	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Sand	Flat	C	40	Dry	Good	Birch Forest
1193847	19/06/2011	526432	7082654	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Poplar
1193848	19/06/2011	526330	7082245	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Silt	Flat	C	70	Damp	Good	White Spruce
1193849	19/06/2011	526151	7081566	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Poplar
1193850	21/06/2011	528601	7087330	UTMZ7N_NAD83	Rock Cover	Grey	Sand	Steep	C	50	Dry	Good	No Tree Cover
1194201	23/06/2011	530525	7082593	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1194202	23/06/2011	530544	7082547	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1194203	23/06/2011	530572	7082505	UTMZ7N_NAD83	Leaf Cover	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1194204	23/06/2011	530597	7082462	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Subtle Slope	B	50	Damp	Good	Poplar
1194206	24/06/2011	529143	7079780	UTMZ7N_NAD83	Thin Moss Cover	Dark Grey Black	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1194207	24/06/2011	529194	7079783	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	No Tree Cover
1194219	24/06/2011	530206	7079804	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	Birch Forest
1194220	24/06/2011	530255	7079806	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	B	70	Damp	Good	Birch Forest
1194221	24/06/2011	530305	7079814	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Clay	Subtle Slope	C	70	Damp	Good	White Spruce
1194222	24/06/2011	530356	7079811	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	40	Damp	Good	White Spruce
1194223	24/06/2011	530456	7079815	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Subtle Slope	B	40	Wet	Poor	White Spruce
1194224	24/06/2011	530506	7079814	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Subtle Slope	A	20	Wet	Poor	White Spruce
1194225	24/06/2011	530557	7079814	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Pronounced Slope	A	30	Wet	Poor	Birch Forest
1194226	25/06/2011	530488	7089974	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Good	White Spruce
1194227	25/06/2011	530477	7090023	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1194228	25/06/2011	530468	7090074	UTMZ7N_NAD83	Needle Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Old Burn
1194229	25/06/2011	530458	7090124	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Clay	Subtle Slope	B	40	Damp	Good	Old Burn
1194230	25/06/2011	530445	7090173	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Subtle Slope	B	50	Damp	Good	Old Burn
1194231	25/06/2011	530428	7090222	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Subtle Slope	B	70	Wet	Good	Old Burn
1194232	25/06/2011	530405	7090272	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Clay	Subtle Slope	B	60	Damp	Good	Old Burn
1194233	25/06/2011	530385	7090320	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	A	20	Dry	Poor	Old Burn
1194234	25/06/2011	530359	7090365	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Old Burn
1194235	25/06/2011	530342	7090412	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Old Burn
1194236	25/06/2011	530317	7090458	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Old Burn
1194237	25/06/2011	530296	7090505	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Poor	Old Burn
1194238	25/06/2011	530275	7090551	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Old Burn
1194239	25/06/2011	530251	7090595	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Old Burn
1194240	25/06/2011	530230	7090641	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1194241	25/06/2011	530209	7090686	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	A	20	Damp	Good	Old Burn
1194242	25/06/2011	530188	7090732	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	A	20	Damp	Poor	Old Burn
1194243	25/06/2011	530164	7090775	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Poor	Old Burn
1194244	25/06/2011	530140	7090819	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	A	30	Damp	Poor	Old Burn
1194245	25/06/2011	530108	7090860	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Subtle Slope	A	30	Damp	Good	Black Spruce
1194246	25/06/2011	530075	7090900	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Subtle Slope	A	20	Damp	Good	Black Spruce
1194247	25/06/2011	530045	7090943	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Subtle Slope	A	20	Damp	Good	Black Spruce
1194248	25/06/2011	529947	7091061	UTMZ7N_NAD83	Bare Soil	Dark Brown	Clay	Subtle Slope	A	30	Wet	Poor	Old Burn
1194249	25/06/2011	529917	7091103	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	A	30	Wet	Poor	Old Burn
1194250	27/06/2011	533510	7090903	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Flat	B	30	Wet	Good	Willows
1196993	21/06/2011	529280	7085653	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Grey	Sand	Steep	B	30	Wet	Good	Dwarf Birch
1196994	21/06/2011	529228	7085673	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Grey	Silt	Steep	B	80	Damp	Good	Dwarf Birch
1196995	21/06/2011	528804	7085686	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Silt	Steep	B	50	Damp	Good	Dwarf Birch
1196996	21/06/2011	528851	7085694	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Silt	Steep	B	50	Wet	Good	Dwarf Birch
1196997	21/06/2011	528906	7085700	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Steep	C	80	Damp	Excellent	Dwarf Birch
1196998	21/06/2011	528950	7085687	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Steep	B	60	Wet	Good	Dwarf Birch

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1196999	21/06/2011	529001	7085677	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Flat	B	60	Damp	Good	Dwarf Birch
1197000	21/06/2011	529052	7085669	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Pronounced Slope	B	40	Wet	Good	Dwarf Birch
1197371	19/06/2011	519860	7084920	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	Black Spruce
1197372	19/06/2011	519468	7085653	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1197373	19/06/2011	519433	7085690	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1197374	19/06/2011	519452	7085737	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1197375	19/06/2011	519489	7085770	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1197376	19/06/2011	519498	7085820	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Old Burn
1197377	19/06/2011	519507	7085869	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Good	Old Burn
1197378	19/06/2011	519511	7085922	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Good	Old Burn
1197379	19/06/2011	519521	7085971	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Old Burn
1197380	19/06/2011	519513	7086020	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Old Burn
1197381	19/06/2011	519516	7086070	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Good	Old Burn
1197382	19/06/2011	519515	7086121	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	70	Damp	Good	Old Burn
1197383	19/06/2011	519511	7086172	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Old Burn
1197384	19/06/2011	519509	7086222	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	80	Damp	Good	Old Burn
1197385	19/06/2011	519506	7086274	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	50	Wet	Good	Old Burn
1197386	19/06/2011	519497	7086326	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Silt	Pronounced Slope	C	60	Wet	Good	Old Burn
1197387	21/06/2011	520249	7091120	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Subtle Slope	B	60	Damp	Good	Black Spruce
1197388	21/06/2011	520349	7091140	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Subtle Slope	B	60	Damp	Good	Black Spruce
1197389	21/06/2011	520299	7091130	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Subtle Slope	B	70	Damp	Good	Black Spruce
1197390	21/06/2011	521301	7091872	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	60	Damp	Good	Black Spruce
1197392	21/06/2011	521334	7091910	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	80	Damp	Excellent	Black Spruce
1197394	21/06/2011	521354	7091958	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Dwarf Birch
1197395	21/06/2011	521381	7092002	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	50	Damp	Good	Black Spruce
1197451	25/06/2011	531835	7090781	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1197452	25/06/2011	531791	7090758	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1197453	25/06/2011	531749	7090729	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1197454	25/06/2011	531708	7090701	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Old Burn
1197455	25/06/2011	531671	7090678	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1197456	25/06/2011	531620	7090654	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1197457	25/06/2011	531573	7090618	UTMZ7N_NAD83	Bare Soil	Light Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1197458	25/06/2011	531533	7090593	UTMZ7N_NAD83	Bare Soil	Light Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1197459	25/06/2011	531491	7090566	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1197460	25/06/2011	531447	7090542	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1197461	25/06/2011	531411	7090513	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	80	Dry	Excellent	Old Burn
1197462	25/06/2011	531364	7090490	UTMZ7N_NAD83	Bare Soil	Grey	Sand	Subtle Slope	C	90	Dry	Excellent	Old Burn
1197463	25/06/2011	531322	7090462	UTMZ7N_NAD83	Bare Soil	Light Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Old Burn
1197464	25/06/2011	531286	7090428	UTMZ7N_NAD83	Bare Soil	Light Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1197465	25/06/2011	531251	7090402	UTMZ7N_NAD83	Bare Soil	Light Brown	Sand	Subtle Slope	C	70	Dry	Excellent	Old Burn
1197466	25/06/2011	531216	7090366	UTMZ7N_NAD83	Bare Soil	Light Brown	Clay	Subtle Slope	C	60	Damp	Good	Old Burn
1197467	25/06/2011	531181	7090331	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	50	Dry	Good	Old Burn
1197468	25/06/2011	531155	7090287	UTMZ7N_NAD83	Bare Soil	Light Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1197469	25/06/2011	531881	7090802	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1197470	25/06/2011	531931	7090817	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1197471	27/06/2011	533541	7089350	UTMZ7N_NAD83	Burnt Moss	Reddish Orange	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1197472	27/06/2011	533492	7089363	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1197473	27/06/2011	533443	7089375	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1197475	27/06/2011	533395	7089404	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1197476	27/06/2011	533344	7089416	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1197477	27/06/2011	533305	7089433	UTMZ7N_NAD83	Burnt Moss	Reddish Orange	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1197478	27/06/2011	533257	7089460	UTMZ7N_NAD83	Burnt Moss	Grey	Sand	Subtle Slope	C	60	Dry	Good	Old Burn
1197479	27/06/2011	533211	7089472	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1197480	27/06/2011	533166	7089492	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1197481	27/06/2011	533119	7089510	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1197482	27/06/2011	533073	7089529	UTMZ7N_NAD83	Burnt Moss	Dark Olivine Green	Clay	Subtle Slope	C	50	Damp	Good	Old Burn
1197886	21/06/2011	529095	7085686	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Silt	Subtle Slope	B	30	Wet	Good	Dwarf Birch
1197887	21/06/2011	529139	7085680	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Wet	Good	Dwarf Birch
1197888	21/06/2011	529187	7085685	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Clay	Pronounced Slope	B	40	Wet	Good	Dwarf Birch
1197889	21/06/2011	529305	7086762	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Pronounced Slope	B	30	Wet	Good	White Spruce
1197890	21/06/2011	529354	7086755	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Poor	No Tree Cover
1197891	21/06/2011	529405	7086758	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Pronounced Slope	B	20	Wet	Good	No Tree Cover
1197892	21/06/2011	529455	7086748	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	A	30	Damp	Poor	No Tree Cover
1197893	21/06/2011	529506	7086744	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Good	No Tree Cover
1197894	24/06/2011	527376	7080783	UTMZ7N_NAD83	Thin Moss Cover	Greyish Green	Sand	Subtle Slope	C	110	Damp	Excellent	Dwarf Birch
1197895	24/06/2011	527425	7080804	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Excellent	Dwarf Birch
1197896	24/06/2011	527494	7080813	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Silt	Subtle Slope	B	40	Damp	Excellent	Dwarf Birch
1197897	24/06/2011	527562	7080811	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Dwarf Birch
1197898	24/06/2011	527576	7080870	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	B	40	Damp	Excellent	Dwarf Birch
1197899	24/06/2011	527587	7080923	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Dwarf Birch
1197900	24/06/2011	527595	7080974	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Excellent	Dwarf Birch
1198098	21/06/2011	529428	7085616	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Steep	B	40	Wet	Good	Dwarf Birch
1198099	21/06/2011	529382	7085628	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Steep	B	40	Damp	Good	Dwarf Birch
1198100	21/06/2011	529327	7085635	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Steep	B	40	Wet	Good	Dwarf Birch
1198601	22/06/2011	528127	7085635	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Clay	Subtle Slope	C	80	Wet	Excellent	No Tree Cover
1198602	22/06/2011	528148	7085584	UTMZ7N_NAD83	Thin Moss Cover	Light Bluish Grey	Clay	Subtle Slope	B	40	Damp	Good	No Tree Cover
1198603	22/06/2011	528166	7085536	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	No Tree Cover
1198604	22/06/2011	528187	7085490	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Pronounced Slope	B	20	Damp	Poor	No Tree Cover
1198605	22/06/2011	528209	7085447	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	20	Damp	Poor	Willows
1198606	22/06/2011	528229	7085399	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	20	Damp	Good	White Spruce
1198607	22/06/2011	528247	7085354	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	Willows
1198608	22/06/2011	528267	7085308	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	Willows
1198609	22/06/2011	528285	7085261	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	20	Damp	Good	Willows
1198610	22/06/2011	528308	7085217	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1198611	22/06/2011	528325	7085170	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1198612	22/06/2011	528334	7085116	UTMZ7N_NAD83						0			

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1198613	22/06/2011	528342	7085067	UTMZ7N_NAD83	Thin Moss Cover	Light Bluish Grey	Clay	Flat	B	30	Damp	Good	No Tree Cover
1198614	22/06/2011	528349	7085018	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	50	Wet	Good	No Tree Cover
1198615	22/06/2011	528359	7084968	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Subtle Slope	B	20	Damp	Poor	No Tree Cover
1198616	22/06/2011	528366	7084919	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1198617	22/06/2011	528375	7084868	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	20	Damp	Good	No Tree Cover
1198618	22/06/2011	528384	7084821	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Willows
1198619	22/06/2011	528390	7084771	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	White Spruce
1198620	22/06/2011	528401	7084722	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Poor	Willows
1198621	22/06/2011	528409	7084673	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	White Spruce
1198622	22/06/2011	528419	7084622	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	White Spruce
1198623	22/06/2011	528423	7084571	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	20	Damp	Good	White Spruce
1198624	22/06/2011	528435	7084524	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1198625	22/06/2011	528442	7084472	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	White Spruce
1198626	22/06/2011	528460	7084375	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	B	50	Damp	Good	White Spruce
1198627	22/06/2011	528464	7084325	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Damp	Poor	Willows
1198628	22/06/2011	528474	7084272	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	20	Damp	Poor	Willows
1198629	22/06/2011	528481	7084227	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Grey Black	Sand	Pronounced Slope	B	10	Damp	Poor	Willows
1198630	22/06/2011	528491	7084177	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	B	20	Damp	Good	White Spruce
1198631	22/06/2011	528497	7084127	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	White Spruce
1198632	22/06/2011	528507	7084080	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	B	10	Dry	Good	White Spruce
1198633	23/06/2011	529432	7082080	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	White Spruce
1198634	23/06/2011	529446	7082031	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Poplar
1198635	23/06/2011	529429	7081975	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	White Spruce
1198636	23/06/2011	529412	7081928	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Willows
1198637	23/06/2011	529397	7081880	UTMZ7N_NAD83	Leaf Cover	Dark Brown	Sand	Subtle Slope	C	50	Damp	Good	Poplar
1198638	23/06/2011	529379	7081835	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Poplar
1198639	23/06/2011	529361	7081787	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	80	Dry	Good	Poplar
1198640	23/06/2011	529347	7081740	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	White Spruce
1198641	24/06/2011	529112	7079913	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1198642	24/06/2011	529104	7079864	UTMZ7N_NAD83	Leaf Cover	Light Brown	Sand	Subtle Slope	C	50	Damp	Good	White Spruce
1198643	24/06/2011	529103	7079814	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1198651	23/06/2011	529308	7082824	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	Dwarf Birch
1198652	23/06/2011	529316	7082775	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	Dwarf Birch
1198653	23/06/2011	529321	7082725	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1198654	23/06/2011	529331	7082675	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Birch Forest
1198655	23/06/2011	529340	7082627	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1198656	23/06/2011	529344	7082578	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Poplar
1198657	23/06/2011	529356	7082530	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1198658	23/06/2011	529370	7082480	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Poplar
1198659	23/06/2011	529369	7082428	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Poplar
1198660	23/06/2011	529383	7082380	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	Poplar
1198661	23/06/2011	529392	7082332	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Poplar
1198662	23/06/2011	529399	7082282	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1198663	23/06/2011	529406	7082233	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	White Spruce
1198664	23/06/2011	529411	7082181	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Willows
1198665	23/06/2011	529421	7082132	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1198701	01/07/2011	519900	7092860	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	White Spruce
1198702	01/07/2011	519950	7092866	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Dry	Good	White Spruce
1198703	01/07/2011	519997	7092872	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	50	Wet	Good	Willows
1198704	01/07/2011	520048	7092879	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Poor	White Spruce
1198705	01/07/2011	520096	7092887	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	70	Damp	Good	White Spruce
1198706	01/07/2011	520146	7092892	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Good	White Spruce
1198707	01/07/2011	520196	7092900	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	White Spruce
1198708	01/07/2011	520247	7092904	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Subtle Slope	C	40	Damp	Good	White Spruce
1198709	01/07/2011	520299	7092911	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	White Spruce
1198710	01/07/2011	520347	7092915	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	White Spruce
1198711	01/07/2011	520395	7092925	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	White Spruce
1198712	01/07/2011	520444	7092930	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	White Spruce
1198713	01/07/2011	520494	7092939	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	White Spruce
1198714	01/07/2011	520544	7092946	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	White Spruce
1198715	01/07/2011	520594	7092952	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1198716	01/07/2011	520643	7092958	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	White Spruce
1198717	01/07/2011	520699	7092970	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	White Spruce
1198718	01/07/2011	520742	7092986	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	White Spruce
1198719	01/07/2011	520790	7093002	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	80	Wet	Good	White Spruce
1198720	01/07/2011	520838	7093013	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	B	50	Damp	Good	White Spruce
1198721	01/07/2011	520886	7093029	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1198722	01/07/2011	520934	7093044	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	White Spruce
1198723	01/07/2011	520981	7093059	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Subtle Slope	B	80	Damp	Good	White Spruce
1198724	01/07/2011	521029	7093075	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Subtle Slope	B	40	Damp	Good	Willows
1198725	01/07/2011	521080	7093085	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	White Spruce
1198726	01/07/2011	521125	7093100	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Subtle Slope	B	40	Damp	Good	White Spruce
1198727	01/07/2011	521174	7093115	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1198728	01/07/2011	521222	7093129	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	White Spruce
1198729	01/07/2011	521270	7093149	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Birch Forest
1198730	01/07/2011	521318	7093159	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Willows
1198731	01/07/2011	521365	7093175	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Subtle Slope	B	50	Damp	Good	White Spruce
1198732	01/07/2011	521415	7093187	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Subtle Slope	B	60	Wet	Good	White Spruce
1199001	23/06/2011	529025	7082858	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Subtle Slope	B	40	Wet	Excellent	Dwarf Birch
1199002	23/06/2011	529013	7082819	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Excellent	Dwarf Birch
1199003	23/06/2011	528986	7082775	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Excellent	Dwarf Birch
1199004	23/06/2011	528963	7082735	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	Dwarf Birch
1199005	23/06/2011	528940	7082688	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Dwarf Birch
1199006	24/06/2011	527078	7080691	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Dwarf Birch
1199007	24/06/2011	527136	7080701	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Dwarf Birch
1199008	24/06/2011	527190	7080706	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Dwarf Birch

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1199009	24/06/2011	527263	7080723	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Dwarf Birch
1199010	24/06/2011	527326	7080761	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Excellent	Dwarf Birch
1199011	24/06/2011	526746	7080352	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1199013	23/06/2011	528891	7082598	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	60	Damp	Good	Dwarf Birch
1199014	23/06/2011	528873	7082550	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Excellent	Dwarf Birch
1199016	24/06/2011	527607	7081025	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Dwarf Birch
1199017	24/06/2011	527620	7081070	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Dwarf Birch
1199019	24/06/2011	527629	7081114	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Dwarf Birch
1199020	24/06/2011	527629	7081115	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Dwarf Birch
1199021	24/06/2011	527646	7081164	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Excellent	Dwarf Birch
1199022	24/06/2011	527655	7081218	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Dry	Excellent	Dwarf Birch
1199023	24/06/2011	527670	7081263	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	90	Damp	Excellent	Dwarf Birch
1199025	24/06/2011	527672	7081312	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Bluish Grey	Silt	Subtle Slope	C	70	Damp	Excellent	Dwarf Birch
1199026	24/06/2011	529101	7079765	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	White Spruce
1199028	24/06/2011	527686	7081360	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Dwarf Birch
1199029	25/06/2011	531520	7090931	UTMZ7N_NAD83	Burnt Moss	Grey	Sand	Subtle Slope	B	50	Damp	Excellent	Old Burn
1199030	25/06/2011	531486	7090970	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Clay	Subtle Slope	B	60	Damp	Good	Dwarf Birch
1199031	25/06/2011	531441	7090996	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Silt	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1199032	25/06/2011	531421	7091047	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Silt	Subtle Slope	B	50	Wet	Good	Willows
1199033	25/06/2011	531383	7091080	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1199034	24/06/2011	526791	7080365	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1199035	24/06/2011	526817	7080415	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	30	Damp	Excellent	Dwarf Birch
1199036	24/06/2011	526852	7080461	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Dwarf Birch
1199037	24/06/2011	526894	7080506	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Dwarf Birch
1199038	24/06/2011	526909	7080561	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1199039	24/06/2011	526934	7080616	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Dwarf Birch
1199040	24/06/2011	526987	7080641	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Excellent	Dwarf Birch
1199041	24/06/2011	527029	7080658	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Dwarf Birch
1199042	25/06/2011	531810	7090849	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1199043	25/06/2011	531748	7090832	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1199044	25/06/2011	531701	7090797	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Silt	Subtle Slope	B	30	Damp	Good	Old Burn
1199045	25/06/2011	531632	7090828	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1199046	25/06/2011	531601	7090867	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1199047	25/06/2011	531560	7090905	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Silt	Subtle Slope	B	40	Damp	Good	Old Burn
1199048	25/06/2011	531334	7091098	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1199049	25/06/2011	531291	7091133	UTMZ7N_NAD83	Burnt Moss	Reddish Orange	Sand	Subtle Slope	C	70	Dry	Excellent	Old Burn
1199050	25/06/2011	531248	7091161	UTMZ7N_NAD83	Burnt Moss	Reddish Orange	Sand	Subtle Slope	B	50	Dry	Excellent	Old Burn
1199051	28/06/2011	524617	7090954	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1199052	28/06/2011	524648	7090993	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Good	Dwarf Birch
1199053	28/06/2011	524693	7091024	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	40	Wet	Good	Dwarf Birch
1199054	28/06/2011	524736	7091047	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	50	Wet	Good	Dwarf Birch
1199055	28/06/2011	524785	7091072	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1199056	28/06/2011	524836	7091087	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Dwarf Birch

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1199057	28/06/2011	524904	7091085	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	40	Wet	Good	Dwarf Birch
1199058	28/06/2011	524947	7091115	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	40	Wet	Good	Black Spruce
1199059	28/06/2011	524987	7091151	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Wet	Good	Black Spruce
1199060	28/06/2011	525012	7091188	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1199061	28/06/2011	525047	7091230	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1199062	28/06/2011	525084	7091268	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	40	Wet	Good	Dwarf Birch
1199063	28/06/2011	525121	7091304	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1199064	28/06/2011	525145	7091350	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Grey	Silt	Subtle Slope	B	40	Wet	Good	Black Spruce
1199065	28/06/2011	525178	7091385	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1199066	28/06/2011	525214	7091419	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Grey	Silt	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1199067	28/06/2011	525245	7091452	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Grey	Silt	Subtle Slope	B	50	Wet	Good	Black Spruce
1199068	28/06/2011	525281	7091493	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Silt	Subtle Slope	B	40	Wet	Good	Black Spruce
1199069	28/06/2011	525317	7091525	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Grey	Silt	Subtle Slope	B	40	Damp	Good	Black Spruce
1199070	28/06/2011	525352	7091563	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Silt	Subtle Slope	B	40	Wet	Good	Black Spruce
1199071	28/06/2011	525388	7091604	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Grey	Silt	Subtle Slope	B	40	Wet	Good	Black Spruce
1199072	28/06/2011	525417	7091639	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Grey	Silt	Subtle Slope	B	40	Damp	Good	Black Spruce
1199073	28/06/2011	525450	7091670	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Grey	Silt	Subtle Slope	B	40	Wet	Good	Black Spruce
1199151	27/06/2011	533456	7090906	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	30	Damp	Good	Willows
1199152	27/06/2011	533403	7090919	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	40	Damp	Excellent	Willows
1199153	27/06/2011	533356	7090921	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	40	Damp	Excellent	Willows
1199154	27/06/2011	533306	7090929	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	40	Damp	Good	Willows
1199155	27/06/2011	533256	7090936	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Willows
1199156	27/06/2011	533207	7090946	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1199157	27/06/2011	533159	7090955	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Willows
1199158	27/06/2011	533108	7090964	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Willows
1199401	24/06/2011	528802	7079447	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	White Spruce
1199402	24/06/2011	528771	7079407	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	White Spruce
1199403	24/06/2011	528736	7079373	UTMZ7N_NAD83	Grass Cover	Grey	Sand	Subtle Slope	C	70	Damp	Good	Willows
1199404	24/06/2011	528688	7079347	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	White Spruce
1199405	24/06/2011	528661	7079303	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	White Spruce
1199201	26/06/2011	527919	7088841	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Silt	Subtle Slope	B	50	Wet	Good	Dwarf Birch
1199202	26/06/2011	527920	7088895	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1199203	26/06/2011	527915	7088943	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Wet	Good	Dwarf Birch
1199204	26/06/2011	527912	7089000	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	30	Wet	Good	Dwarf Birch
1199205	26/06/2011	527912	7089045	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Clay	Subtle Slope	B	40	Damp	Excellent	Dwarf Birch
1199206	26/06/2011	527911	7089095	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Bluish Grey	Clay	Flat	B	40	Damp	Good	Dwarf Birch
1199207	26/06/2011	527890	7088371	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Excellent	Dwarf Birch
1199243	28/06/2011	524334	7090678	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Flat	C	60	Damp	Excellent	Dwarf Birch
1199244	28/06/2011	524362	7090709	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	100	Damp	Excellent	Dwarf Birch
1199245	28/06/2011	524391	7090748	UTMZ7N_NAD83	Thin Moss Cover	Greyish Green	Sand	Subtle Slope	C	70	Damp	Excellent	Dwarf Birch
1199246	28/06/2011	524423	7090788	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Excellent	Dwarf Birch
1199247	28/06/2011	524456	7090851	UTMZ7N_NAD83	Thin Moss Cover	Dark Grey Black	Sand	Subtle Slope	B	40	Wet	Excellent	Dwarf Birch
1199248	28/06/2011	524491	7090871	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	30	Damp	Good	Dwarf Birch

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1199249	28/06/2011	524534	7090899	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1199250	28/06/2011	524576	7090925	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1199251	22/06/2011	529573	7085475	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Excellent	Dwarf Birch
1199252	22/06/2011	529081	7085047	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Excellent	Dwarf Birch
1199253	22/06/2011	529108	7085087	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1199254	22/06/2011	529137	7085128	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	No Tree Cover
1199255	22/06/2011	529180	7085154	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Silt	Subtle Slope	B	40	Damp	Excellent	Dwarf Birch
1199256	22/06/2011	529221	7085192	UTMZ7N_NAD83	Thin Moss Cover	Yellow	Sand	Subtle Slope	C	40	Damp	Excellent	Dwarf Birch
1199257	22/06/2011	529261	7085221	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Excellent	No Tree Cover
1199258	22/06/2011	529304	7085246	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Flat	B	50	Damp	Excellent	Willows
1199259	22/06/2011	529339	7085279	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1199260	22/06/2011	529375	7085315	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Pronounced Slope	B	30	Damp	Good	Dwarf Birch
1199261	22/06/2011	529412	7085350	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Dwarf Birch
1199262	22/06/2011	529452	7085385	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	40	Wet	Good	Dwarf Birch
1199263	22/06/2011	529487	7085417	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Excellent	Dwarf Birch
1199264	23/06/2011	529309	7083405	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1199265	23/06/2011	529325	7083456	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Dwarf Birch
1199266	23/06/2011	529344	7083495	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	Dwarf Birch
1199267	22/06/2011	529526	7085446	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Excellent	Dwarf Birch
1199268	23/06/2011	529372	7083539	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1199269	22/06/2011	528388	7084902	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Flat	B	30	Damp	Excellent	No Tree Cover
1199270	22/06/2011	528421	7084849	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Flat	B	40	Damp	Good	No Tree Cover
1199271	22/06/2011	528475	7084759	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Subtle Slope	B	60	Damp	Good	Dwarf Birch
1199272	22/06/2011	528428	7084804	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Flat	B	80	Damp	Good	Willows
1199273	22/06/2011	528537	7084784	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	40	Wet	Good	Dwarf Birch
1199274	22/06/2011	528571	7084798	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1199275	22/06/2011	528643	7084795	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1199276	22/06/2011	528685	7084807	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1199277	22/06/2011	528822	7084871	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Steep	B	40	Wet	Good	Dwarf Birch
1199278	22/06/2011	528730	7084833	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Flat	C	40	Damp	Excellent	No Tree Cover
1199280	22/06/2011	528782	7084855	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Steep	B	40	Damp	Good	Dwarf Birch
1199281	22/06/2011	529048	7085015	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Dwarf Birch
1199282	22/06/2011	528865	7084908	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	O	50	Damp	Excellent	Black Spruce
1199283	22/06/2011	528912	7084932	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Excellent	No Tree Cover
1199284	22/06/2011	528952	7084963	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	30	Damp	Good	Black Spruce
1199285	22/06/2011	529002	7084983	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1199286	23/06/2011	529391	7083854	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Excellent	Dwarf Birch
1199287	23/06/2011	528830	7082462	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	B	30	Damp	Excellent	Dwarf Birch
1199288	23/06/2011	529382	7083756	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1199289	23/06/2011	528852	7082511	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	B	60	Damp	Excellent	Dwarf Birch
1199290	23/06/2011	529379	7083799	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Excellent	Dwarf Birch
1199291	22/06/2011	529636	7085543	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	B	40	Damp	Good	Dwarf Birch
1199292	22/06/2011	529611	7085507	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Dwarf Birch

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1199293	23/06/2011	529410	7083625	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Subtle Slope	B	30	Damp	Excellent	Dwarf Birch
1199294	23/06/2011	529414	7083692	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1199296	23/06/2011	529391	7083587	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1199297	23/06/2011	529084	7083002	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1199298	23/06/2011	529074	7082953	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Excellent	Dwarf Birch
1199299	23/06/2011	529103	7083058	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Clay	Subtle Slope	B	50	Damp	Good	Willows
1199300	23/06/2011	529047	7082912	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1199301	21/06/2011	529556	7086739	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Pronounced Slope	A	20	Wet	Poor	Willows
1199302	21/06/2011	529605	7086749	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	Dwarf Birch
1199303	21/06/2011	529653	7086740	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	Dwarf Birch
1199304	21/06/2011	529705	7086744	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Poor	Dwarf Birch
1199305	21/06/2011	529753	7086731	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Poor	Willows
1199306	21/06/2011	529805	7086726	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	60	Wet	Good	Dwarf Birch
1199307	21/06/2011	529856	7086727	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Wet	Poor	Dwarf Birch
1199308	21/06/2011	529907	7086727	UTMZ7N_NAD83	Needle Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Poor	White Spruce
1199309	21/06/2011	529957	7086720	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Wet	Poor	Dwarf Birch
1199310	21/06/2011	530009	7086723	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Poor	Dwarf Birch
1199311	21/06/2011	530058	7086709	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Poor	Willows
1199312	21/06/2011	530109	7086711	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	50	Wet	Poor	Dwarf Birch
1199313	22/06/2011	525348	7085372	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	60	Damp	Good	Dwarf Birch
1199314	22/06/2011	525334	7085323	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Damp	Good	White Spruce
1199315	22/06/2011	525317	7085276	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	White Spruce
1199316	22/06/2011	525303	7085228	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1199317	22/06/2011	525289	7085180	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Dwarf Birch
1199318	22/06/2011	525273	7085131	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Flat	B	40	Damp	Good	Dwarf Birch
1199319	22/06/2011	525261	7085083	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Dwarf Birch
1199320	22/06/2011	525244	7085035	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1199321	22/06/2011	525230	7084988	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Clay	Subtle Slope	C	90	Damp	Good	Dwarf Birch
1199322	22/06/2011	525217	7084940	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	70	Damp	Good	Dwarf Birch
1199323	22/06/2011	525209	7084890	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	No Tree Cover
1199324	22/06/2011	525212	7084840	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	80	Damp	Good	Poplar
1199325	22/06/2011	525207	7084790	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Birch Forest
1199326	22/06/2011	525199	7084739	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Birch Forest
1199327	22/06/2011	525194	7084688	UTMZ7N_NAD83	Thin Moss Cover	Dark Grey Black	Sand	Subtle Slope	C	70	Damp	Good	Birch Forest
1199329	22/06/2011	525193	7084638	UTMZ7N_NAD83	Thin Moss Cover	Dark Grey Black	Sand	Subtle Slope	C	50	Damp	Good	Birch Forest
1199330	22/06/2011	525190	7084589	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Birch Forest
1199331	22/06/2011	525184	7084539	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Birch Forest
1199332	22/06/2011	525181	7084487	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	Birch Forest
1199333	22/06/2011	525169	7084438	UTMZ7N_NAD83	Leaf Cover	Grey	Sand	Pronounced Slope	B	40	Dry	Good	Birch Forest
1199334	23/06/2011	530382	7083390	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	No Tree Cover
1199335	23/06/2011	530397	7083340	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	White Spruce
1199336	23/06/2011	530405	7083292	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1199337	23/06/2011	530423	7083244	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Willows

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1199338	23/06/2011	530435	7083195	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Flat	B	40	Wet	Good	Willows
1199339	23/06/2011	530445	7083146	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Good	Willows
1199340	23/06/2011	530455	7083096	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Willows
1199341	23/06/2011	530458	7083046	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Willows
1199342	23/06/2011	530461	7082995	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Willows
1199343	23/06/2011	530468	7082945	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1199344	23/06/2011	530472	7082894	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	B	50	Damp	Good	Willows
1199345	23/06/2011	530479	7082843	UTMZ7N_NAD83	Thin Moss Cover	Light Grey	Sand	Subtle Slope	C	80	Damp	Good	Willows
1199347	23/06/2011	530485	7082792	UTMZ7N_NAD83	Thin Moss Cover	Light Grey	Clay	Subtle Slope	C	90	Damp	Good	White Spruce
1199348	23/06/2011	530495	7082743	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Clay	Subtle Slope	B	50	Damp	Good	Willows
1199349	23/06/2011	530505	7082693	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	White Spruce
1199350	23/06/2011	530514	7082644	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	Willows
1199406	24/06/2011	528623	7079268	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	White Spruce
1199407	24/06/2011	528592	7079235	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Black Spruce
1199408	24/06/2011	528555	7079195	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Good	Black Spruce
1199409	24/06/2011	528523	7079159	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Good	Old Burn
1199410	24/06/2011	528470	7079138	UTMZ7N_NAD83	Thin Moss Cover	Reddish Orange	Sand	Flat	C	40	Dry	Excellent	Old Burn
1199411	24/06/2011	528424	7079129	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Poor	Poplar
1199412	24/06/2011	528380	7079103	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Good	Poplar
1199413	24/06/2011	528323	7079087	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Pronounced Slope	C	20	Dry	Good	Birch Forest
1199414	24/06/2011	528281	7079072	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Good	Old Burn
1199415	24/06/2011	528237	7079060	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1199416	24/06/2011	528184	7079044	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Good	Birch Forest
1199417	24/06/2011	528142	7079026	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	Poplar
1199418	24/06/2011	528089	7079017	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	60	Dry	Good	Poplar
1199420	24/06/2011	527997	7078978	UTMZ7N_NAD83	Leaf Cover	Bluish Grey	Sand	Flat	C	40	Dry	Good	Poplar
1199421	24/06/2011	527948	7078970	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Good	Black Spruce
1199422	24/06/2011	527902	7078951	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Sand	Subtle Slope	C	60	Dry	Good	Birch Forest
1199423	24/06/2011	527855	7078934	UTMZ7N_NAD83	Leaf Cover	Grey	Sand	Pronounced Slope	C	30	Dry	Good	Poplar
1199424	25/06/2011	529185	7088580	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1199425	25/06/2011	529186	7088631	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Poor	Willows
1199426	25/06/2011	529198	7088731	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1199427	25/06/2011	529192	7088681	UTMZ7N_NAD83	Leaf Cover	Dark Brown	Sand	Subtle Slope	B	30	Wet	Poor	No Tree Cover
1199428	25/06/2011	529200	7088779	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1199429	25/06/2011	529184	7088826	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	White Spruce
1199430	25/06/2011	529210	7088871	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1199431	25/06/2011	529211	7088931	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Wet	Good	No Tree Cover
1199433	25/06/2011	529213	7088980	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	50	Wet	Good	No Tree Cover
1199434	25/06/2011	529217	7089030	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1199435	25/06/2011	529233	7089081	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1199436	25/06/2011	529252	7089130	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	No Tree Cover
1199437	25/06/2011	529268	7089177	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1199438	25/06/2011	529285	7089225	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1199439	25/06/2011	529300	7089271	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1199440	25/06/2011	529177	7088530	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Subtle Slope	B	20	Damp	Poor	No Tree Cover
1199441	25/06/2011	529169	7088481	UTMZ7N_NAD83	Leaf Cover	Dark Brown	Sand	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1033730	29/06/2011	520737	7066717	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1033731	29/06/2011	520705	7066679	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Damp	Good	No Tree Cover
1033732	29/06/2011	520647	7066602	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Damp	Good	No Tree Cover
1033733	02/07/2011	509544	7077839	UTMZ7N_NAD83	Grass Cover	Reddish Brown	Sand	Subtle Slope	C	50	Damp	Excellent	No Tree Cover
1033734	02/07/2011	509589	7077817	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1033735	02/07/2011	509626	7077784	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	10	Damp	Good	Willows
1033736	02/07/2011	509669	7077760	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Silt	Subtle Slope	B	10	Damp	Good	Willows
1033737	01/07/2011	506911	7065792	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Poor	Old Burn
1033738	01/07/2011	506870	7065762	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Pronounced Slope	C	50	Damp	Good	Old Burn
1033739	01/07/2011	506824	7065737	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	90	Damp	Good	Old Burn
1033740	01/07/2011	506783	7065709	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1033741	01/07/2011	506744	7065678	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1033742	01/07/2011	506696	7065660	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1033743	01/07/2011	506648	7065675	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Flat	C	50	Dry	Good	Old Burn
1033744	01/07/2011	506599	7065685	UTMZ7N_NAD83	Burnt Moss	Grey	Sand	Flat	B	70	Damp	Good	Old Burn
1033745	01/07/2011	506548	7065695	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Clay	Subtle Slope	B	40	Wet	Poor	Old Burn
1033746	01/07/2011	506466	7065641	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Flat	B	40	Damp	Good	Black Spruce
1033747	01/07/2011	506434	7065603	UTMZ7N_NAD83	Burnt Moss	Grey	Clay	Subtle Slope	B	50	Damp	Poor	Black Spruce
1033748	01/07/2011	506400	7065565	UTMZ7N_NAD83	Thin Moss Cover	Grey	Clay	Subtle Slope	B	40	Wet	Poor	Old Burn
1033749	01/07/2011	506370	7065523	UTMZ7N_NAD83	Burnt Moss	Grey	Clay	Subtle Slope	B	40	Wet	Poor	Old Burn
1033750	01/07/2011	506333	7065488	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Clay	Subtle Slope	B	40	Wet	Poor	Old Burn
1033751	28/06/2011	523829	7074962	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	Dwarf Birch
1032601	25/06/2011	516811	7064658	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	No Tree Cover
1032602	25/06/2011	516793	7064608	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	40	Damp	Excellent	No Tree Cover
1032603	25/06/2011	516793	7064555	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	60	Damp	Excellent	No Tree Cover
1032604	25/06/2011	516812	7064509	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	60	Damp	Good	No Tree Cover
1032605	25/06/2011	516796	7064460	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1032606	25/06/2011	516761	7064421	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	B	40	Damp	Good	No Tree Cover
1032607	25/06/2011	516754	7064371	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Flat	B	40	Damp	Good	No Tree Cover
1032608	25/06/2011	516766	7064319	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1032609	25/06/2011	516750	7064271	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1032610	25/06/2011	516753	7064219	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1032611	25/06/2011	516747	7064170	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	40	Wet	Good	No Tree Cover
1032612	25/06/2011	516733	7064120	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	No Tree Cover
1032613	25/06/2011	516706	7064077	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Excellent	No Tree Cover
1032614	25/06/2011	516689	7064030	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	No Tree Cover
1032615	25/06/2011	516671	7063983	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	No Tree Cover
1032616	25/06/2011	516638	7063944	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	No Tree Cover
1032617	25/06/2011	516614	7063899	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Sand	Flat	C	50	Damp	Excellent	No Tree Cover
1032619	25/06/2011	516575	7063869	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	40	Damp	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1032620	25/06/2011	516534	7063834	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1033501	27/06/2011	521381	7075137	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Black Spruce
1033502	27/06/2011	521349	7075173	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	C	50	Dry	Poor	Willows
1033503	27/06/2011	521314	7075211	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Poor	Willows
1033504	27/06/2011	521277	7075248	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Poor	Willows
1033505	27/06/2011	521243	7075286	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Poor	Willows
1033506	27/06/2011	521209	7075324	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Poor	Black Spruce
1033507	27/06/2011	521172	7075358	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	C	80	Damp	Poor	Black Spruce
1033508	27/06/2011	521135	7075394	UTMZ7N_NAD83	Burnt Moss	Grey	Clay	Subtle Slope	B	100	Damp	Poor	Black Spruce
1033509	27/06/2011	521099	7075430	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Flat	B	30	Damp	Poor	Willows
1033510	27/06/2011	521062	7075466	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	C	40	Damp	Good	Willows
1033511	27/06/2011	521027	7075501	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Flat	B	40	Damp	Good	Willows
1033512	27/06/2011	520986	7075533	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Poor	Willows
1033513	27/06/2011	520986	7075585	UTMZ7N_NAD83	Burnt Moss	Light Brown	Clay	Subtle Slope	B	40	Damp	Poor	Willows
1033515	27/06/2011	521008	7075631	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Poor	Willows
1033516	27/06/2011	521037	7075727	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Clay	Pronounced Slope	B	50	Damp	Poor	No Tree Cover
1033517	27/06/2011	521026	7075777	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Clay	Pronounced Slope	B	40	Damp	Poor	Willows
1033518	27/06/2011	521030	7075828	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Poor	Willows
1033519	27/06/2011	521025	7075878	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Poor	Black Spruce
1033520	27/06/2011	521002	7075984	UTMZ7N_NAD83	Thin Moss Cover	Dark Olivine Green	Sand	Subtle Slope	C	50	Dry	Excellent	Willows
1033522	30/06/2011	515015	7070362	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	B	50	Damp	Good	No Tree Cover
1033523	30/06/2011	514967	7070347	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	B	40	Dry	Good	No Tree Cover
1033524	30/06/2011	514917	7070337	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Flat	B	40	Damp	Good	No Tree Cover
1033525	30/06/2011	514867	7070326	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Flat	C	30	Dry	Good	No Tree Cover
1033526	30/06/2011	514818	7070312	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1033527	30/06/2011	514770	7070295	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	30	Damp	Poor	No Tree Cover
1033528	30/06/2011	514719	7070288	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1033529	30/06/2011	514673	7070308	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1033530	30/06/2011	514623	7070313	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Poor	No Tree Cover
1033531	30/06/2011	514574	7070330	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1033532	30/06/2011	514528	7070350	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Poor	No Tree Cover
1033533	30/06/2011	514480	7070366	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	No Tree Cover
1033551	28/06/2011	524344	7074949	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1033552	28/06/2011	524295	7074933	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn
1033553	28/06/2011	524248	7074919	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	30	Damp	Excellent	Old Burn
1033554	28/06/2011	524199	7074905	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	Old Burn
1033555	28/06/2011	524149	7074913	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Old Burn
1033556	28/06/2011	524099	7074912	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	30	Damp	Excellent	Old Burn
1033557	01/07/2011	511814	7066263	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	20	Damp	Poor	Black Spruce
1033558	01/07/2011	511765	7066242	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Good	Black Spruce
1033559	01/07/2011	511720	7066221	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Pronounced Slope	B	50	Damp	Good	Black Spruce
1033560	01/07/2011	511672	7066200	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	40	Dry	Good	Black Spruce
1033561	01/07/2011	511628	7066177	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	40	Dry	Good	Black Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1033562	01/07/2011	511582	7066157	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Good	Black Spruce
1033563	01/07/2011	511537	7066133	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	20	Damp	Good	Black Spruce
1033564	01/07/2011	511488	7066114	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	20	Damp	Good	Black Spruce
1033565	01/07/2011	511445	7066091	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	40	Damp	Good	Black Spruce
1033566	01/07/2011	511402	7066065	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Good	Black Spruce
1033567	01/07/2011	511355	7066042	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	20	Damp	Poor	Black Spruce
1033568	01/07/2011	511309	7066021	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	40	Wet	Good	Black Spruce
1033569	01/07/2011	511261	7066003	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Good	Black Spruce
1033570	01/07/2011	511211	7065992	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	Black Spruce
1033571	01/07/2011	511167	7065968	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Black Spruce
1033572	01/07/2011	511116	7065955	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Dry	Good	Black Spruce
1033573	01/07/2011	511066	7065941	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Black Spruce
1033574	01/07/2011	511019	7065919	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Black Spruce
1033576	01/07/2011	510971	7065901	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Black Spruce
1033577	01/07/2011	510922	7065891	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Dry	Good	Black Spruce
1033578	01/07/2011	510871	7065887	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1033579	01/07/2011	510818	7065885	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Black Spruce
1033580	01/07/2011	510768	7065890	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Black Spruce
1033581	01/07/2011	510719	7065873	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Black Spruce
1033582	01/07/2011	510675	7065848	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Sand	Subtle Slope	C	50	Damp	Good	Black Spruce
1033583	01/07/2011	510624	7065836	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Black Spruce
1033584	01/07/2011	510575	7065823	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Black Spruce
1033585	01/07/2011	510526	7065816	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Black Spruce
1033586	01/07/2011	510475	7065811	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Poor	Subalpine Fir
1033587	01/07/2011	510422	7065808	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Subtle Slope	C	30	Damp	Good	Subalpine Fir
1033588	01/07/2011	510371	7065798	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Black Spruce
1033589	01/07/2011	510323	7065785	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Bluish Grey	Sand	Subtle Slope	C	30	Dry	Good	Black Spruce
1033593	01/07/2011	509644	7067148	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn
1033594	01/07/2011	509612	7067108	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Old Burn
1033595	01/07/2011	509579	7067073	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Clay	Subtle Slope	C	70	Damp	Excellent	Old Burn
1033596	01/07/2011	509548	7067033	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Excellent	Old Burn
1033597	01/07/2011	509518	7066992	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn
1033598	01/07/2011	509497	7066945	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Clay	Subtle Slope	C	30	Damp	Good	Old Burn
1033599	01/07/2011	509477	7066900	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	C	40	Damp	Excellent	Old Burn
1033601	27/06/2011	518375	7066267	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Dry	Good	No Tree Cover
1033602	27/06/2011	518419	7066291	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Pronounced Slope	B	30	Dry	Good	No Tree Cover
1033603	27/06/2011	518465	7066312	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	No Tree Cover
1033604	27/06/2011	518509	7066336	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	C	40	Damp	Good	No Tree Cover
1033605	27/06/2011	518553	7066360	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	No Tree Cover
1033606	27/06/2011	518596	7066387	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	No Tree Cover
1033607	27/06/2011	518644	7066404	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Pronounced Slope	C	80	Damp	Good	Willows
1033608	27/06/2011	518695	7066398	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Pronounced Slope	B	40	Damp	Good	Willows
1033609	27/06/2011	518743	7066389	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Good	Willows

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1033610	27/06/2011	518793	7066379	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Pronounced Slope	B	30	Damp	Good	Willows
1033611	27/06/2011	518839	7066359	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Pronounced Slope	B	30	Damp	Good	Dwarf Birch
1033612	27/06/2011	518889	7066345	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Clay	Steep	B	10	Damp	Good	No Tree Cover
1033613	27/06/2011	518933	7066322	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Steep	B	20	Damp	Good	Black Spruce
1033614	27/06/2011	518975	7066296	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Steep	B	40	Damp	Good	Dwarf Birch
1033615	27/06/2011	519112	7066264	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Steep	B	20	Damp	Good	Dwarf Birch
1033616	27/06/2011	519165	7066272	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Steep	C	30	Damp	Good	No Tree Cover
1033617	27/06/2011	519214	7066282	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	C	40	Damp	Good	No Tree Cover
1033618	27/06/2011	519263	7066294	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	C	30	Damp	Good	Willows
1033619	27/06/2011	519312	7066302	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Steep	B	40	Damp	Good	Dwarf Birch
1033620	27/06/2011	519408	7066329	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Steep	C	10	Damp	Good	No Tree Cover
1033621	27/06/2011	519442	7066368	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	C	30	Wet	Good	Dwarf Birch
1033622	27/06/2011	519470	7066409	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Steep	B	30	Damp	Good	Dwarf Birch
1033623	27/06/2011	519491	7066455	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	C	30	Damp	Good	Dwarf Birch
1033624	27/06/2011	519511	7066501	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Steep	B	40	Damp	Good	Dwarf Birch
1033625	27/06/2011	519545	7066539	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Steep	C	40	Damp	Good	Dwarf Birch
1033627	27/06/2011	519584	7066572	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1033628	27/06/2011	519618	7066609	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1033629	27/06/2011	519618	7066658	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	B	40	Damp	Good	Dwarf Birch
1033630	27/06/2011	519623	7066709	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1033632	29/06/2011	520664	7065809	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Good	Dwarf Birch
1033633	29/06/2011	520517	7065844	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	B	40	Wet	Good	Dwarf Birch
1033634	29/06/2011	520566	7065832	UTMZ7N_NAD83	Grass Cover	Dark Brown	Clay	Pronounced Slope	B	60	Damp	Poor	Dwarf Birch
1033635	29/06/2011	520616	7065820	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	90	Damp	Good	Dwarf Birch
1033637	27/06/2011	519030	7068226	UTMZ7N_NAD83	Bare Soil	Dark Brown	Sand	Subtle Slope	C	60	Damp	Good	No Tree Cover
1033638	27/06/2011	518994	7068191	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	40	Damp	Excellent	No Tree Cover
1033639	27/06/2011	518960	7068154	UTMZ7N_NAD83	Bare Soil	Dark Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1033640	27/06/2011	518929	7068113	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1033641	27/06/2011	518889	7068081	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1033642	27/06/2011	518861	7068038	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	No Tree Cover
1033643	27/06/2011	518526	7067594	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Wet	Good	No Tree Cover
1033644	27/06/2011	518486	7067561	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Excellent	No Tree Cover
1033645	27/06/2011	518450	7067527	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	No Tree Cover
1033646	27/06/2011	518413	7067491	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	No Tree Cover
1033647	27/06/2011	518371	7067463	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	No Tree Cover
1033648	27/06/2011	518326	7067439	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Excellent	No Tree Cover
1033649	27/06/2011	518283	7067413	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	No Tree Cover
1033650	27/06/2011	518239	7067389	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1033651	28/06/2011	525277	7075583	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1033652	28/06/2011	525317	7075618	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1033653	28/06/2011	525363	7075641	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1033654	28/06/2011	525402	7075670	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Willows
1033655	28/06/2011	525448	7075694	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	70	Damp	Excellent	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1033657	28/06/2011	525486	7075727	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1033658	28/06/2011	525530	7075750	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1033659	28/06/2011	525572	7075776	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1033660	28/06/2011	525614	7075803	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1033661	28/06/2011	525655	7075832	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1033662	28/06/2011	525698	7075859	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	90	Damp	Excellent	Old Burn
1033664	28/06/2011	525740	7075887	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1033665	28/06/2011	525785	7075908	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Old Burn
1033666	28/06/2011	525823	7075940	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1033667	28/06/2011	525867	7075965	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1033668	28/06/2011	525909	7075995	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1033669	28/06/2011	525952	7076023	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Old Burn
1033670	28/06/2011	525995	7076048	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Old Burn
1033671	28/06/2011	526041	7076074	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Old Burn
1033672	28/06/2011	526087	7076093	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn
1033673	28/06/2011	526133	7076113	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1033674	28/06/2011	526178	7076136	UTMZ7N_NAD83	Grass Cover	Bluish Grey	Sand	Subtle Slope	C	70	Damp	Good	Old Burn
1033675	28/06/2011	526225	7076154	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Old Burn
1033676	28/06/2011	526262	7076176	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Sand	Subtle Slope	C	80	Damp	Excellent	Old Burn
1033677	28/06/2011	526315	7076197	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1033678	28/06/2011	526361	7076219	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1033679	28/06/2011	526405	7076240	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	90	Damp	Excellent	Old Burn
1033680	28/06/2011	526454	7076262	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1033681	28/06/2011	526499	7076284	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Sand	Subtle Slope	C	60	Damp	Excellent	Old Burn
1033682	28/06/2011	526546	7076301	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1033683	28/06/2011	526590	7076325	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	70	Damp	Excellent	Old Burn
1033684	28/06/2011	526639	7076351	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Old Burn
1033701	29/06/2011	521175	7068051	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1033702	29/06/2011	521173	7068001	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1033703	29/06/2011	521175	7067951	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Damp	Poor	No Tree Cover
1033704	29/06/2011	521174	7067901	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1033705	29/06/2011	521173	7067850	UTMZ7N_NAD83	Rock Cover	Reddish Yellow	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1033706	29/06/2011	521183	7067802	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1033707	29/06/2011	521177	7067752	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1033708	29/06/2011	521184	7067702	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1033709	29/06/2011	521188	7067653	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Dry	Good	No Tree Cover
1033710	29/06/2011	521178	7067604	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Clay	Subtle Slope	B	10	Damp	Good	No Tree Cover
1033711	29/06/2011	521163	7067558	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	B	20	Damp	Good	No Tree Cover
1033712	29/06/2011	521141	7067512	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1033713	29/06/2011	521121	7067467	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1033714	29/06/2011	521102	7067421	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	B	20	Damp	Good	No Tree Cover
1033715	29/06/2011	521078	7067376	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	B	10	Damp	Good	No Tree Cover
1033716	29/06/2011	521060	7067328	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Damp	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1033717	29/06/2011	521040	7067283	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1033718	29/06/2011	521018	7067238	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Wet	Good	No Tree Cover
1033719	29/06/2011	521005	7067191	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Wet	Good	No Tree Cover
1033720	29/06/2011	520987	7067144	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1033721	29/06/2011	520969	7067097	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Wet	Good	No Tree Cover
1033722	29/06/2011	520946	7067052	UTMZ7N_NAD83	Rock Cover	Reddish Brown	Sand	Flat	B	10	Damp	Good	No Tree Cover
1033723	29/06/2011	520921	7067009	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Flat	B	20	Wet	Good	No Tree Cover
1033724	29/06/2011	520896	7066967	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Wet	Good	No Tree Cover
1033725	29/06/2011	520867	7066928	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Damp	Good	No Tree Cover
1033726	29/06/2011	520809	7066847	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Dry	Good	No Tree Cover
1033727	29/06/2011	520792	7066800	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1033728	29/06/2011	520767	7066757	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1033752	28/06/2011	523848	7075009	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Good	Dwarf Birch
1033753	28/06/2011	523864	7075057	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Pronounced Slope	B	40	Damp	Good	Dwarf Birch
1033754	28/06/2011	523884	7075103	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1033755	28/06/2011	523907	7075148	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Good	Dwarf Birch
1033756	28/06/2011	523914	7075198	UTMZ7N_NAD83	Grass Cover	Dark Brown	Silt	Pronounced Slope	B	30	Damp	Poor	Dwarf Birch
1033757	28/06/2011	523922	7075249	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	Dwarf Birch
1033758	28/06/2011	523939	7075296	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Old Burn
1033759	28/06/2011	523957	7075343	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	Old Burn
1033760	28/06/2011	523974	7075391	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Pronounced Slope	B	40	Wet	Good	Old Burn
1033761	28/06/2011	523993	7075438	UTMZ7N_NAD83	Grass Cover	Dark Brown	Silt	Pronounced Slope	B	30	Damp	Good	Old Burn
1033762	28/06/2011	524011	7075485	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	Old Burn
1033763	28/06/2011	524030	7075532	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Old Burn
1033764	28/06/2011	524057	7075575	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Dwarf Birch
1033765	28/06/2011	524082	7075619	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Old Burn
1033766	28/06/2011	524095	7075668	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Pronounced Slope	B	30	Damp	Poor	Old Burn
1033767	28/06/2011	524124	7075709	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Old Burn
1033768	28/06/2011	524150	7075753	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Pronounced Slope	C	40	Wet	Good	Old Burn
1033769	28/06/2011	524175	7075795	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	Old Burn
1033770	28/06/2011	524205	7075836	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Old Burn
1033771	28/06/2011	524234	7075876	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	Old Burn
1033772	28/06/2011	524261	7075919	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Old Burn
1033773	28/06/2011	524289	7075961	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	Old Burn
1033774	28/06/2011	524319	7076002	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	C	50	Wet	Good	Old Burn
1033775	28/06/2011	524354	7076037	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Old Burn
1033776	28/06/2011	524384	7076078	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Old Burn
1033777	28/06/2011	524417	7076115	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Old Burn
1033778	28/06/2011	524443	7076160	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Old Burn
1033779	28/06/2011	524468	7076204	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	Old Burn
1033780	28/06/2011	524510	7076228	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	Old Burn
1033781	28/06/2011	524545	7076264	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Pronounced Slope	C	70	Dry	Excellent	Old Burn
1033783	28/06/2011	524585	7076315	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1033784	28/06/2011	524606	7076356	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	Old Burn
1033786	29/06/2011	520289	7065947	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Pronounced Slope	B	30	Damp	Poor	Willows
1033787	29/06/2011	520764	7065791	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Pronounced Slope	B	40	Damp	Poor	Dwarf Birch
1033788	29/06/2011	520814	7065780	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Pronounced Slope	C	60	Wet	Good	Dwarf Birch
1033789	28/06/2011	524440	7074980	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	C	60	Damp	Good	Old Burn
1033790	28/06/2011	524485	7075003	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Old Burn
1033791	28/06/2011	524525	7075031	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Pronounced Slope	B	30	Damp	Good	Old Burn
1033792	28/06/2011	524564	7075066	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	50	Wet	Good	Old Burn
1033793	28/06/2011	524602	7075098	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	Old Burn
1033794	28/06/2011	524647	7075122	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Excellent	Old Burn
1033795	28/06/2011	524693	7075139	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1033796	28/06/2011	524733	7075169	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1033797	28/06/2011	524776	7075198	UTMZ7N_NAD83	Grass Cover	Reddish Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn
1033798	28/06/2011	524808	7075236	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Flat	C	40	Damp	Excellent	Old Burn
1033799	28/06/2011	524849	7075266	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Excellent	Old Burn
1033800	28/06/2011	524392	7074963	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Old Burn
1033801	28/06/2011	525238	7075614	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Old Burn
1033802	28/06/2011	525240	7075665	UTMZ7N_NAD83	Grass Cover	Grey	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1033803	28/06/2011	525247	7075716	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1033804	28/06/2011	525249	7075767	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Subtle Slope	C	60	Dry	Good	Old Burn
1033805	28/06/2011	525261	7075818	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1033806	28/06/2011	525264	7075869	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1033807	28/06/2011	525265	7075918	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Subtle Slope	C	70	Dry	Good	Old Burn
1033808	28/06/2011	525268	7075969	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1033809	28/06/2011	525272	7076019	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1033810	28/06/2011	525280	7076070	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1033811	28/06/2011	525289	7076119	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	60	Dry	Excellent	Old Burn
1033812	28/06/2011	525287	7076169	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1033813	28/06/2011	525289	7076220	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1033814	28/06/2011	525288	7076271	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1033815	28/06/2011	525287	7076323	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1033816	28/06/2011	525289	7076374	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1033817	28/06/2011	525281	7076424	UTMZ7N_NAD83	Grass Cover	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1033818	28/06/2011	525277	7076476	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1033819	28/06/2011	525275	7076527	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	60	Dry	Good	Old Burn
1033820	28/06/2011	525275	7076578	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1033821	28/06/2011	525273	7076631	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1033822	28/06/2011	525285	7076681	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Pine
1033823	28/06/2011	525296	7076730	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Damp	Good	Pine
1033824	28/06/2011	525315	7076778	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Excellent	Pine
1033826	28/06/2011	525322	7076829	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Sand	Subtle Slope	C	50	Dry	Excellent	Willows
1033827	28/06/2011	525334	7076880	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Poor	Dwarf Birch
1033828	28/06/2011	525346	7076928	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Grey Black	Clay	Subtle Slope	B	30	Wet	Poor	Black Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1033829	28/06/2011	525362	7076974	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Blue Black	Clay	Subtle Slope	B	30	Wet	Poor	Pine
1033830	28/06/2011	525365	7077025	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Wet	Good	Pine
1033831	28/06/2011	525382	7077072	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Clay	Subtle Slope	B	40	Wet	Good	Pine
1033832	28/06/2011	525395	7077122	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Subtle Slope	B	40	Wet	Good	Willows
1033836	28/06/2011	524894	7075291	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	Old Burn
1033837	28/06/2011	524937	7075317	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	20	Damp	Excellent	Old Burn
1033838	28/06/2011	524981	7075342	UTMZ7N_NAD83	Bare Soil	Light Brown	Clay	Subtle Slope	C	50	Damp	Good	Old Burn
1033839	28/06/2011	525024	7075371	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Sand	Pronounced Slope	C	40	Dry	Excellent	Old Burn
1033841	28/06/2011	525061	7075403	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn
1033842	28/06/2011	525105	7075429	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn
1033843	28/06/2011	525136	7075469	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Excellent	Old Burn
1033844	28/06/2011	525168	7075509	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Excellent	Old Burn
1033845	28/06/2011	525208	7075541	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1033846	28/06/2011	525239	7075555	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Good	Old Burn
1033847	29/06/2011	520467	7065855	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Excellent	Dwarf Birch
1033848	29/06/2011	520418	7065866	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	C	50	Damp	Good	Dwarf Birch
1033849	29/06/2011	520372	7065887	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Dwarf Birch
1033850	29/06/2011	520331	7065916	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Good	Dwarf Birch
1035856	26/06/2011	508894	7062541	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	10	Dry	Good	Willows
1035857	26/06/2011	508844	7062528	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Flat	B	30	Dry	Good	Willows
1035858	26/06/2011	508799	7062509	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Flat	B	10	Dry	Good	White Spruce
1035859	26/06/2011	508755	7062484	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1035861	26/06/2011	508706	7062475	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Sand	Subtle Slope	C	40	Dry	Good	Willows
1035862	26/06/2011	508659	7062492	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Subtle Slope	B	10	Damp	Good	Dwarf Birch
1035863	26/06/2011	508613	7062513	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	B	10	Dry	Good	Dwarf Birch
1035864	26/06/2011	508565	7062527	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	B	20	Dry	Good	Dwarf Birch
1035865	26/06/2011	508516	7062538	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	B	30	Dry	Good	Willows
1035866	26/06/2011	508466	7062534	UTMZ7N_NAD83	Thin Moss Cover	Reddish Orange	Sand	Subtle Slope	B	30	Dry	Good	Willows
1035867	26/06/2011	508416	7062535	UTMZ7N_NAD83	Bare Soil	Light Grey	Sand	Subtle Slope	C	60	Dry	Excellent	Old Burn
1035868	26/06/2011	508416	7062535	UTMZ7N_NAD83	Bare Soil	Light Grey	Sand	Subtle Slope	C	60	Dry	Excellent	Old Burn
1035869	26/06/2011	508366	7062536	UTMZ7N_NAD83	Bare Soil	Light Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Old Burn
1035870	26/06/2011	508315	7062532	UTMZ7N_NAD83	Bare Soil	Light Grey	Sand	Subtle Slope	C	60	Dry	Excellent	Old Burn
1035871	26/06/2011	508265	7062534	UTMZ7N_NAD83	Bare Soil	Light Brown	Sand	Flat	C	40	Dry	Excellent	Old Burn
1035872	26/06/2011	508215	7062533	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Flat	B	30	Damp	Good	Old Burn
1035873	26/06/2011	508165	7062540	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Flat	C	60	Dry	Excellent	Old Burn
1035874	26/06/2011	508115	7062535	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Sand	Flat	C	60	Damp	Excellent	Old Burn
1035875	26/06/2011	508065	7062533	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Old Burn
1035876	26/06/2011	508015	7062528	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1035877	26/06/2011	507965	7062521	UTMZ7N_NAD83	Bare Soil	Dark Grey Black	Silt	Subtle Slope	C	80	Dry	Excellent	Old Burn
1035878	26/06/2011	507965	7062521	UTMZ7N_NAD83	Bare Soil	Dark Grey Black	Silt	Pronounced Slope	C	80	Dry	Excellent	Old Burn
1035879	26/06/2011	507915	7062521	UTMZ7N_NAD83	Bare Soil	Light Brown	Silt	Flat	C	60	Dry	Excellent	Old Burn
1035880	26/06/2011	507865	7062511	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	B	20	Damp	Good	Old Burn
1035881	26/06/2011	507816	7062504	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	B	20	Damp	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1035882	26/06/2011	507766	7062492	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Sand	Flat	B	20	Dry	Good	Old Burn
1035883	26/06/2011	507716	7062491	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Sand	Flat	B	30	Dry	Good	Old Burn
1035884	26/06/2011	507666	7062491	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Sand	Subtle Slope	B	30	Dry	Good	Old Burn
1035885	26/06/2011	507622	7062468	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	B	40	Dry	Good	Old Burn
1035886	26/06/2011	507572	7062461	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Sand	Subtle Slope	B	40	Dry	Good	Old Burn
1035888	02/07/2011	510932	7077236	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1036166	01/07/2011	506244	7065441	UTMZ7N_NAD83						0			
1064567	29/06/2011	521610	7068355	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	No Tree Cover
1064568	29/06/2011	521647	7068391	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Good	No Tree Cover
1064569	29/06/2011	521698	7068397	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1064570	29/06/2011	521748	7068400	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	20	Damp	Good	No Tree Cover
1064571	29/06/2011	521797	7068402	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	No Tree Cover
1064572	29/06/2011	521847	7068402	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	No Tree Cover
1064573	29/06/2011	521897	7068404	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Silt	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1064574	29/06/2011	521948	7068406	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Damp	Good	No Tree Cover
1064575	29/06/2011	521998	7068413	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	O	30	Damp	Good	No Tree Cover
1064576	29/06/2011	522047	7068417	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1064577	29/06/2011	522097	7068419	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1064578	29/06/2011	522147	7068416	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Pronounced Slope	C	20	Damp	Poor	No Tree Cover
1064579	29/06/2011	522198	7068417	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Good	No Tree Cover
1064580	29/06/2011	522248	7068413	UTMZ7N_NAD83	Rock Cover	Light Brown	Sand	Subtle Slope	C	20	Dry	Excellent	No Tree Cover
1064581	29/06/2011	522297	7068406	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	No Tree Cover
1064583	29/06/2011	522342	7068383	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	C	40	Dry	Good	No Tree Cover
1064584	29/06/2011	521398	7068225	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1064586	29/06/2011	520714	7065800	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	70	Wet	Excellent	Dwarf Birch
1064587	29/06/2011	520248	7065977	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	B	40	Damp	Poor	Dwarf Birch
1064588	29/06/2011	520211	7066012	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	80	Damp	Excellent	Dwarf Birch
1064589	29/06/2011	520173	7066047	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Clay	Pronounced Slope	C	40	Damp	Good	Dwarf Birch
1064859	30/06/2011	522751	7070039	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	100	Damp	Good	Willows
1064860	30/06/2011	522699	7070036	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Good	Willows
1064861	30/06/2011	522649	7070042	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	Willows
1064862	30/06/2011	522600	7070043	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	60	Damp	Good	Willows
1064863	30/06/2011	522552	7070043	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	80	Damp	Good	Willows
1064864	30/06/2011	522499	7070047	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	50	Wet	Good	Willows
1064865	30/06/2011	522445	7070051	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	80	Damp	Good	Willows
1064866	30/06/2011	522395	7070053	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	70	Damp	Good	Willows
1064867	30/06/2011	522346	7070046	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	60	Damp	Good	No Tree Cover
1064868	30/06/2011	522297	7070035	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	Willows
1064869	30/06/2011	522248	7070034	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	60	Damp	Good	Willows
1064501	28/06/2011	528517	7072412	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	B	20	Damp	Good	Old Burn
1064502	28/06/2011	528558	7072438	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Willows
1064504	28/06/2011	528588	7072478	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Willows
1064505	28/06/2011	528617	7072518	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Willows

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1064506	28/06/2011	528645	7072560	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1064507	28/06/2011	528679	7072596	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	50	Damp	Excellent	Willows
1064508	28/06/2011	528712	7072634	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Damp	Good	Willows
1064509	28/06/2011	528743	7072673	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	50	Damp	Excellent	Willows
1064510	28/06/2011	528781	7072705	UTMZ7N_NAD83	Thin Moss Cover	Reddish Orange	Sand	Subtle Slope	C	40	Dry	Excellent	Willows
1064512	28/06/2011	528825	7072730	UTMZ7N_NAD83	Thin Moss Cover	Reddish Orange	Clay	Subtle Slope	C	50	Damp	Excellent	Willows
1064513	28/06/2011	528865	7072761	UTMZ7N_NAD83	Thin Moss Cover	Reddish Orange	Sand	Subtle Slope	C	30	Damp	Excellent	Willows
1064514	28/06/2011	528902	7072794	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Clay	Flat	C	40	Damp	Excellent	Willows
1064515	28/06/2011	528943	7072822	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	60	Damp	Excellent	Willows
1064516	28/06/2011	528983	7072852	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Clay	Subtle Slope	C	50	Damp	Good	Willows
1064517	28/06/2011	529022	7072884	UTMZ7N_NAD83	Thin Moss Cover	Reddish Orange	Sand	Subtle Slope	C	30	Dry	Excellent	Willows
1064518	28/06/2011	529062	7072914	UTMZ7N_NAD83	Grass Cover	Reddish Orange	Sand	Subtle Slope	C	40	Damp	Excellent	Willows
1064519	28/06/2011	529102	7072946	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Clay	Subtle Slope	C	20	Damp	Good	Willows
1064520	28/06/2011	529138	7072980	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Clay	Subtle Slope	C	30	Damp	Good	Willows
1064521	28/06/2011	529173	7073016	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Clay	Subtle Slope	C	20	Damp	Good	Willows
1064522	28/06/2011	529193	7073062	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	20	Damp	Good	Willows
1064523	28/06/2011	529219	7073105	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	30	Damp	Good	Willows
1064524	28/06/2011	529238	7073151	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Clay	Subtle Slope	B	20	Damp	Good	Willows
1064525	28/06/2011	529254	7073200	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Subtle Slope	B	30	Damp	Poor	Willows
1064526	28/06/2011	529275	7073245	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Willows
1064527	28/06/2011	529310	7073282	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Damp	Good	Willows
1064528	28/06/2011	529343	7073319	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	B	20	Damp	Good	Willows
1064529	28/06/2011	529367	7073365	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	10	Damp	Good	Willows
1064530	28/06/2011	529399	7073405	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Willows
1064531	28/06/2011	529436	7073440	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Subtle Slope	B	40	Wet	Good	Willows
1064532	28/06/2011	529466	7073480	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Pronounced Slope	B	60	Wet	Poor	Willows
1064533	28/06/2011	529535	7073555	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	10	Wet	Poor	Willows
1064534	28/06/2011	529568	7073593	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Poor	Willows
1064551	29/06/2011	520833	7068061	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Good	No Tree Cover
1064552	29/06/2011	520883	7068070	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	No Tree Cover
1064553	29/06/2011	520933	7068063	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1064554	29/06/2011	520981	7068073	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	No Tree Cover
1064555	29/06/2011	521032	7068083	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	B	30	Wet	Good	No Tree Cover
1064556	29/06/2011	521083	7068089	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1064557	29/06/2011	521133	7068090	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	B	20	Damp	Good	No Tree Cover
1064558	29/06/2011	521183	7068099	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	40	Damp	Good	No Tree Cover
1064559	29/06/2011	521230	7068116	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1064560	29/06/2011	521273	7068144	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1064561	29/06/2011	521320	7068163	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1064562	29/06/2011	521354	7068199	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	No Tree Cover
1064563	29/06/2011	521441	7068251	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Damp	Good	No Tree Cover
1064564	29/06/2011	521485	7068274	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1064565	29/06/2011	521529	7068297	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1064566	29/06/2011	521565	7068332	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Good	No Tree Cover
1064590	29/06/2011	520131	7066079	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	Dwarf Birch
1064591	29/06/2011	520134	7066129	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Excellent	Dwarf Birch
1064592	29/06/2011	520132	7066179	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Excellent	Dwarf Birch
1064593	29/06/2011	520139	7066230	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Excellent	Dwarf Birch
1064594	29/06/2011	520137	7066281	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Clay	Pronounced Slope	C	40	Wet	Excellent	Dwarf Birch
1064595	29/06/2011	520139	7066331	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	B	50	Damp	Good	Dwarf Birch
1064596	29/06/2011	520145	7066380	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Excellent	Dwarf Birch
1064597	29/06/2011	520145	7066430	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Pronounced Slope	B	40	Damp	Good	Dwarf Birch
1064598	29/06/2011	520148	7066480	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	C	50	Damp	Excellent	Willows
1064599	29/06/2011	520148	7066531	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Pronounced Slope	B	40	Damp	Poor	Dwarf Birch
1064600	29/06/2011	520159	7066581	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Dwarf Birch
1064701	29/06/2011	521888	7069295	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	B	20	Dry	Good	No Tree Cover
1064702	29/06/2011	521837	7069298	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	No Tree Cover
1064704	29/06/2011	521787	7069301	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	80	Damp	Good	No Tree Cover
1064705	29/06/2011	521735	7069304	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	20	Damp	Poor	No Tree Cover
1064706	29/06/2011	521684	7069307	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	20	Damp	Poor	No Tree Cover
1064707	29/06/2011	521634	7069305	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	90	Damp	Good	No Tree Cover
1064708	29/06/2011	521583	7069311	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1064709	29/06/2011	521532	7069307	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Poor	No Tree Cover
1064710	29/06/2011	521483	7069314	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	70	Damp	Good	No Tree Cover
1064711	29/06/2011	521433	7069304	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	40	Dry	Good	No Tree Cover
1064712	29/06/2011	521380	7069312	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1064713	29/06/2011	521330	7069298	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	No Tree Cover
1064714	29/06/2011	521281	7069277	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Dry	Good	No Tree Cover
1064715	29/06/2011	521233	7069278	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	No Tree Cover
1064716	29/06/2011	521183	7069281	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	No Tree Cover
1064717	29/06/2011	521137	7069259	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Pronounced Slope	B	30	Dry	Good	No Tree Cover
1064718	29/06/2011	521092	7069233	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Pronounced Slope	B	40	Dry	Good	No Tree Cover
1064719	29/06/2011	521046	7069210	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	20	Dry	Good	No Tree Cover
1064720	29/06/2011	521005	7069184	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Good	No Tree Cover
1064721	29/06/2011	520958	7069161	UTMZ7N_NAD83	Rock Cover	Dark Grey Black	Silt	Pronounced Slope	B	20	Dry	Poor	No Tree Cover
1064722	29/06/2011	520915	7069135	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Dry	Good	No Tree Cover
1064723	29/06/2011	520873	7069102	UTMZ7N_NAD83	Rock Cover	Reddish Brown	Silt	Pronounced Slope	B	30	Dry	Good	No Tree Cover
1064724	29/06/2011	520833	7069071	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Pronounced Slope	B	40	Dry	Good	No Tree Cover
1064725	29/06/2011	520798	7069033	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Dry	Good	No Tree Cover
1064726	29/06/2011	520757	7069002	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	60	Dry	Good	No Tree Cover
1064727	29/06/2011	520715	7068970	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	No Tree Cover
1064728	29/06/2011	520675	7068938	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Good	Dwarf Birch
1064729	29/06/2011	520628	7068916	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	No Tree Cover
1064730	29/06/2011	520578	7068906	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Subtle Slope	B	30	Dry	Good	No Tree Cover
1064731	29/06/2011	520528	7068892	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Dry	Good	No Tree Cover
1064732	29/06/2011	520478	7068884	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	40	Dry	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1064733	29/06/2011	520428	7068882	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1064751	29/06/2011	519172	7068367	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1064752	29/06/2011	519197	7068410	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	70	Damp	Good	No Tree Cover
1064753	29/06/2011	519213	7068458	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1064754	29/06/2011	519238	7068501	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1064755	29/06/2011	519267	7068544	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1064756	29/06/2011	519285	7068590	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1064757	29/06/2011	519273	7068650	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	70	Damp	Excellent	No Tree Cover
1064759	29/06/2011	519279	7068701	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	60	Damp	Excellent	No Tree Cover
1064760	29/06/2011	519285	7068750	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1064761	29/06/2011	519293	7068800	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	No Tree Cover
1064762	29/06/2011	519297	7068848	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Poor	No Tree Cover
1064763	29/06/2011	519306	7068904	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1064764	29/06/2011	519294	7068954	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1064765	29/06/2011	519290	7069003	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1064766	29/06/2011	519307	7069056	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	60	Damp	Good	No Tree Cover
1064767	29/06/2011	519343	7069097	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1064768	29/06/2011	519384	7069139	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1064769	29/06/2011	519413	7069181	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1064770	29/06/2011	519453	7069222	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1064771	29/06/2011	519478	7069266	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1064772	29/06/2011	519512	7069309	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Wet	Good	No Tree Cover
1064773	29/06/2011	519542	7069348	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1064774	29/06/2011	519570	7069388	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1064775	29/06/2011	519607	7069424	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1064776	29/06/2011	519651	7069450	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1064777	29/06/2011	519695	7069479	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1064778	29/06/2011	519744	7069494	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	C	70	Damp	Good	No Tree Cover
1064779	29/06/2011	519788	7069530	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1064780	29/06/2011	519825	7069565	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	80	Damp	Good	No Tree Cover
1064781	29/06/2011	519850	7069607	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1064782	29/06/2011	519877	7069652	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Poor	No Tree Cover
1064783	29/06/2011	519907	7069690	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	No Tree Cover
1064786	29/06/2011	520174	7066629	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	C	50	Damp	Excellent	Dwarf Birch
1064787	29/06/2011	520186	7066679	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Excellent	Dwarf Birch
1064788	29/06/2011	520201	7066728	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Pronounced Slope	C	40	Damp	Excellent	No Tree Cover
1064789	29/06/2011	520212	7066778	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Pronounced Slope	C	40	Damp	Excellent	No Tree Cover
1064791	29/06/2011	520223	7066827	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Excellent	Dwarf Birch
1064793	30/06/2011	522201	7070814	UTMZ7N_NAD83	Frost Boil	Dark Brown	Sand	Subtle Slope	C	50	Damp	Excellent	No Tree Cover
1064794	30/06/2011	522252	7070808	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Pronounced Slope	C	60	Dry	Excellent	No Tree Cover
1064795	30/06/2011	522301	7070799	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Pronounced Slope	C	80	Damp	Excellent	No Tree Cover
1064796	30/06/2011	522350	7070792	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Steep	C	70	Damp	Excellent	No Tree Cover
1064797	30/06/2011	522401	7070788	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Pronounced Slope	C	60	Dry	Excellent	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1064798	30/06/2011	522451	7070777	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	No Tree Cover
1064799	01/07/2011	509411	7066760	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1064800	01/07/2011	509392	7066714	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1064801	30/06/2011	523466	7069632	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1064802	30/06/2011	523419	7069632	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Dwarf Birch
1064803	30/06/2011	523368	7069630	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1064804	30/06/2011	523318	7069633	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Subtle Slope	B	30	Dry	Good	No Tree Cover
1064805	30/06/2011	523268	7069633	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Willows
1064806	30/06/2011	523218	7069632	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	Willows
1064807	30/06/2011	523166	7069635	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Willows
1064808	30/06/2011	523118	7069632	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	70	Wet	Good	Willows
1064809	30/06/2011	523068	7069629	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Good	Black Spruce
1064810	30/06/2011	523018	7069631	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Good	Willows
1064811	30/06/2011	522967	7069636	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Good	Willows
1064812	30/06/2011	522917	7069634	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Dwarf Birch
1064813	30/06/2011	522868	7069636	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1064814	30/06/2011	522818	7069632	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Good	Dwarf Birch
1064815	30/06/2011	522767	7069634	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1064816	30/06/2011	522717	7069631	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Willows
1064817	30/06/2011	522666	7069639	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Wet	Poor	Dwarf Birch
1064818	30/06/2011	522617	7069634	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	20	Wet	Good	Dwarf Birch
1064819	30/06/2011	522566	7069633	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Subtle Slope	B	50	Damp	Good	Dwarf Birch
1064820	30/06/2011	522523	7069605	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Poor	Dwarf Birch
1064821	30/06/2011	522487	7069568	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Dwarf Birch
1064822	30/06/2011	522385	7069563	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1064823	30/06/2011	522337	7069578	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1064824	30/06/2011	522285	7069589	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Wet	Good	Willows
1064825	30/06/2011	522249	7069552	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Good	Willows
1064826	30/06/2011	522205	7069528	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Dwarf Birch
1064827	30/06/2011	522170	7069492	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1064828	30/06/2011	522129	7069463	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Good	No Tree Cover
1064829	30/06/2011	522092	7069429	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Damp	Good	No Tree Cover
1064830	30/06/2011	522075	7069382	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Silt	Subtle Slope	B	30	Damp	Good	Willows
1064832	30/06/2011	522051	7069338	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Willows
1064836	01/07/2011	511121	7063786	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	40	Wet	Good	No Tree Cover
1064837	01/07/2011	511072	7063797	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	30	Wet	Good	No Tree Cover
1064838	01/07/2011	511025	7063807	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	30	Wet	Good	No Tree Cover
1064839	01/07/2011	510973	7063803	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Good	Willows
1064840	01/07/2011	510925	7063815	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	30	Wet	Good	No Tree Cover
1064841	01/07/2011	510875	7063831	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Pronounced Slope	B	40	Wet	Good	No Tree Cover
1064842	01/07/2011	510825	7063828	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Bluish Grey	Sand	Subtle Slope	B	40	Wet	Good	Willows
1064843	01/07/2011	510771	7063833	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Good	No Tree Cover
1064844	01/07/2011	510724	7063841	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	70	Wet	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1064845	01/07/2011	510676	7063846	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Willows
1064846	01/07/2011	510624	7063846	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	70	Wet	Good	No Tree Cover
1064847	01/07/2011	510574	7063850	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	80	Wet	Good	Willows
1064848	01/07/2011	510523	7063850	UTMZ7N_NAD83	Grass Cover	Bluish Grey	Sand	Subtle Slope	C	60	Wet	Good	No Tree Cover
1064849	01/07/2011	510472	7063867	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Wet	Good	Willows
1064851	30/06/2011	523144	7070078	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	80	Damp	Good	No Tree Cover
1064852	30/06/2011	523103	7070047	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1064853	30/06/2011	523050	7070075	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	70	Wet	Good	Dwarf Birch
1064854	30/06/2011	522998	7070070	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1064855	30/06/2011	522957	7070053	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	Willows
1064856	30/06/2011	522898	7070057	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Dwarf Birch
1064857	30/06/2011	522849	7070050	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	70	Wet	Good	Willows
1064858	30/06/2011	522803	7070050	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Willows
1064870	30/06/2011	522198	7070013	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	Willows
1064871	30/06/2011	522147	7070013	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Willows
1064872	30/06/2011	522101	7069992	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	Willows
1064873	30/06/2011	522049	7069996	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Wet	Good	Willows
1064874	30/06/2011	521995	7070010	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Wet	Good	No Tree Cover
1064875	30/06/2011	521951	7069987	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Good	No Tree Cover
1064876	30/06/2011	521899	7069970	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	Willows
1064877	30/06/2011	521850	7069957	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Pronounced Slope	B	40	Damp	Good	Willows
1064878	30/06/2011	521802	7069952	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	No Tree Cover
1064879	30/06/2011	521750	7069950	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Pronounced Slope	B	50	Damp	Good	Willows
1064880	30/06/2011	521710	7069946	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	110	Damp	Good	No Tree Cover
1064882	30/06/2011	521661	7069940	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Wet	Excellent	Dwarf Birch
1064883	30/06/2011	521609	7069937	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Willows
1064884	01/07/2011	511969	7063691	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1064885	01/07/2011	511921	7063693	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	60	Damp	Good	No Tree Cover
1064886	01/07/2011	511869	7063699	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1064887	01/07/2011	511819	7063711	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	80	Wet	Good	No Tree Cover
1064888	01/07/2011	511770	7063718	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Wet	Good	No Tree Cover
1064889	01/07/2011	511720	7063722	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	No Tree Cover
1064890	01/07/2011	511669	7063723	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	No Tree Cover
1064891	01/07/2011	511623	7063729	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	70	Wet	Good	No Tree Cover
1064892	01/07/2011	511571	7063736	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	60	Wet	Good	No Tree Cover
1064893	01/07/2011	511525	7063759	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	40	Wet	Good	No Tree Cover
1064894	01/07/2011	511473	7063759	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	40	Wet	Good	No Tree Cover
1064895	01/07/2011	511425	7063777	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1064896	01/07/2011	511373	7063774	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	30	Wet	Good	No Tree Cover
1064897	01/07/2011	511321	7063750	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	30	Wet	Good	No Tree Cover
1064898	01/07/2011	511272	7063779	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	20	Wet	Good	No Tree Cover
1064899	01/07/2011	511226	7063795	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	30	Wet	Good	No Tree Cover
1064900	01/07/2011	511173	7063783	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	40	Wet	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1064901	01/07/2011	511641	7064272	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1064902	01/07/2011	511602	7064304	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	B	20	Damp	Good	Dwarf Birch
1064903	01/07/2011	511561	7064333	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1064904	01/07/2011	511521	7064364	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Subtle Slope	B	30	Damp	Poor	Dwarf Birch
1064905	01/07/2011	511479	7064393	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Dwarf Birch
1064906	01/07/2011	511439	7064423	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Dwarf Birch
1064907	01/07/2011	511397	7064454	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Dwarf Birch
1064908	01/07/2011	511363	7064491	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Dwarf Birch
1064909	01/07/2011	511319	7064515	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Dwarf Birch
1064910	01/07/2011	511276	7064542	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1064911	01/07/2011	511236	7064573	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Good	Dwarf Birch
1064912	01/07/2011	511198	7064608	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1064913	01/07/2011	511159	7064641	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1064914	01/07/2011	511116	7064667	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Dwarf Birch
1064915	01/07/2011	511079	7064702	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1064916	01/07/2011	511038	7064733	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Dwarf Birch
1064917	01/07/2011	510994	7064768	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Subtle Slope	B	30	Damp	Poor	Black Spruce
1064918	01/07/2011	510956	7064799	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Black Spruce
1064919	01/07/2011	510925	7064838	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Black Spruce
1064920	01/07/2011	510885	7064868	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Black Spruce
1064921	01/07/2011	510841	7064893	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Black Spruce
1064922	01/07/2011	510799	7064922	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Dwarf Birch
1064923	01/07/2011	510761	7064955	UTMZ7N_NAD83	Rock Cover	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1064925	01/07/2011	510722	7064990	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Dwarf Birch
1064926	01/07/2011	510688	7065027	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Good	Dwarf Birch
1064927	01/07/2011	510661	7065070	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Dwarf Birch
1064928	01/07/2011	510633	7065112	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Good	Black Spruce
1064929	01/07/2011	510602	7065151	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Black Spruce
1064930	01/07/2011	510570	7065190	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Sand	Subtle Slope	C	20	Damp	Excellent	Black Spruce
1064931	01/07/2011	510532	7065223	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Excellent	Black Spruce
1064932	01/07/2011	510489	7065250	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	40	Damp	Good	Black Spruce
1064933	01/07/2011	510445	7065275	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Black Spruce
1064936	01/07/2011	508945	7066524	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Excellent	Birch Forest
1064937	01/07/2011	508896	7066510	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Birch Forest
1064938	01/07/2011	508853	7066484	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Birch Forest
1064939	01/07/2011	508811	7066457	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Excellent	Birch Forest
1064940	01/07/2011	508772	7066426	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Excellent	Birch Forest
1064941	01/07/2011	508733	7066394	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Birch Forest
1064942	01/07/2011	508691	7066365	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	80	Dry	Excellent	Birch Forest
1064944	01/07/2011	508650	7066335	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Birch Forest
1064945	02/07/2011	511404	7075369	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Clay	Flat	C	40	Wet	Good	No Tree Cover
1064946	02/07/2011	511360	7075394	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	70	Damp	Good	No Tree Cover
1064947	02/07/2011	511317	7075423	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	C	70	Wet	Excellent	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1064948	01/07/2011	509742	7067265	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	60	Dry	Excellent	Old Burn
1064949	01/07/2011	509711	7067226	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Clay	Subtle Slope	C	40	Damp	Excellent	Old Burn
1064950	01/07/2011	509679	7067187	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Clay	Subtle Slope	C	30	Damp	Good	Old Burn
1065001	01/07/2011	509352	7062690	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Dwarf Birch
1065002	01/07/2011	509320	7062726	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Dwarf Birch
1065003	01/07/2011	509288	7062765	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Dwarf Birch
1065004	01/07/2011	509259	7062806	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	C	50	Dry	Excellent	Dwarf Birch
1065005	01/07/2011	509223	7062840	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Dwarf Birch
1065006	01/07/2011	509191	7062881	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Dwarf Birch
1065007	01/07/2011	509164	7062923	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Dwarf Birch
1065008	01/07/2011	509130	7062964	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Dwarf Birch
1065009	01/07/2011	509096	7063001	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	C	60	Wet	Good	Dwarf Birch
1065010	01/07/2011	509067	7063042	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1065011	01/07/2011	509029	7063079	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Dwarf Birch
1065012	01/07/2011	509000	7063122	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Dwarf Birch
1065013	01/07/2011	508968	7063160	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Dwarf Birch
1065014	01/07/2011	508934	7063198	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Dwarf Birch
1065015	01/07/2011	508895	7063231	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Good	Dwarf Birch
1065016	01/07/2011	508855	7063264	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Dwarf Birch
1065017	01/07/2011	508818	7063299	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Willows
1065018	01/07/2011	508778	7063331	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Excellent	Willows
1065019	01/07/2011	508743	7063368	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Dwarf Birch
1065020	01/07/2011	508705	7063402	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Dwarf Birch
1065021	01/07/2011	508662	7063429	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1065022	01/07/2011	508619	7063457	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Dwarf Birch
1065023	01/07/2011	508578	7063485	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Dwarf Birch
1065024	01/07/2011	508539	7063519	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Dwarf Birch
1065025	01/07/2011	508500	7063552	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Dwarf Birch
1065026	01/07/2011	508461	7063582	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Dwarf Birch
1065027	01/07/2011	508423	7063618	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Excellent	Birch Forest
1065029	01/07/2011	508381	7063645	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Birch Forest
1065030	01/07/2011	508340	7063676	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Birch Forest
1065031	01/07/2011	508307	7063713	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Birch Forest
1065032	01/07/2011	508270	7063748	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1065033	01/07/2011	508244	7063791	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	70	Dry	Excellent	Dwarf Birch
1065036	01/07/2011	510397	7063867	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Wet	Good	Old Burn
1065037	01/07/2011	510345	7063870	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Clay	Flat	C	40	Damp	Good	Dwarf Birch
1065038	01/07/2011	510295	7063875	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1065039	01/07/2011	510244	7063877	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Sand	Subtle Slope	C	20	Damp	Excellent	Dwarf Birch
1065040	01/07/2011	510193	7063879	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	20	Dry	Excellent	Dwarf Birch
1065041	01/07/2011	510143	7063884	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Sand	Subtle Slope	C	20	Dry	Excellent	Dwarf Birch
1065042	01/07/2011	510092	7063887	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Flat	C	30	Dry	Excellent	Dwarf Birch
1065043	01/07/2011	510039	7063891	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1065044	01/07/2011	509987	7063895	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Flat	C	20	Dry	Excellent	No Tree Cover
1065045	01/07/2011	509934	7063898	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Flat	C	20	Dry	Excellent	No Tree Cover
1065046	01/07/2011	509883	7063901	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Clay	Flat	C	30	Dry	Good	Old Burn
1065047	01/07/2011	509833	7063905	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Flat	C	30	Dry	Excellent	Old Burn
1065048	01/07/2011	509783	7063908	UTMZ7N_NAD83	Thin Moss Cover	Reddish Orange	Sand	Subtle Slope	C	20	Dry	Excellent	Old Burn
1065049	01/07/2011	509731	7063911	UTMZ7N_NAD83	Thin Moss Cover	Reddish Orange	Sand	Pronounced Slope	C	20	Dry	Excellent	Old Burn
1065050	01/07/2011	509679	7063914	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Flat	C	20	Dry	Excellent	Old Burn
1066193	29/06/2011	519652	7064545	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	20	Wet	Good	No Tree Cover
1066194	29/06/2011	519607	7064571	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	Willows
1066195	29/06/2011	519560	7064593	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Clay	Subtle Slope	C	50	Wet	Good	No Tree Cover
1066196	29/06/2011	519515	7064620	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	20	Wet	Good	No Tree Cover
1066197	29/06/2011	519470	7064643	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Poor	No Tree Cover
1066198	29/06/2011	519423	7064670	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	No Tree Cover
1066199	29/06/2011	519377	7064695	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	60	Wet	Good	No Tree Cover
1066200	29/06/2011	519332	7064722	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	No Tree Cover
1066201	29/06/2011	519284	7064741	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	C	20	Damp	Poor	No Tree Cover
1066202	29/06/2011	519236	7064757	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Excellent	No Tree Cover
1066795	27/06/2011	520569	7074336	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	Dwarf Birch
1066796	27/06/2011	520547	7074382	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	C	30	Damp	Excellent	Dwarf Birch
1066797	27/06/2011	520525	7074429	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Clay	Subtle Slope	C	30	Damp	Excellent	Dwarf Birch
1066798	27/06/2011	520502	7074476	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Clay	Subtle Slope	C	40	Damp	Excellent	Dwarf Birch
1066799	27/06/2011	520483	7074524	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Clay	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1066800	27/06/2011	520461	7074571	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	C	40	Damp	Good	Dwarf Birch
1066801	27/06/2011	518145	7073208	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Subtle Slope	B	40	Dry	Good	Dwarf Birch
1066802	27/06/2011	518178	7073249	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Subtle Slope	B	30	Dry	Good	Dwarf Birch
1066803	27/06/2011	518212	7073291	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	Dwarf Birch
1066804	27/06/2011	518248	7073325	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Dwarf Birch
1067353	26/06/2011	515324	7061405	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1067354	26/06/2011	515374	7061410	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1067355	26/06/2011	515424	7061417	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1067356	26/06/2011	515474	7061420	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1067357	26/06/2011	515524	7061423	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Excellent	No Tree Cover
1067358	26/06/2011	515574	7061428	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1067359	26/06/2011	515624	7061437	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Excellent	No Tree Cover
1067360	26/06/2011	515674	7061438	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1067361	26/06/2011	515723	7061444	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Good	No Tree Cover
1067362	26/06/2011	515773	7061447	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1067363	26/06/2011	515823	7061451	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1067629	26/06/2011	508491	7061384	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	30	Dry	Good	Black Spruce
1067630	26/06/2011	508440	7061386	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	40	Dry	Good	Black Spruce
1067631	26/06/2011	508392	7061366	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Black Spruce
1067633	26/06/2011	508340	7061365	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Black Spruce
1067636	26/06/2011	511420	7061997	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Flat	B	30	Dry	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1067637	26/06/2011	511374	7061974	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1067638	26/06/2011	511328	7061952	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Dry	Good	Dwarf Birch
1067639	26/06/2011	511283	7061928	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Dwarf Birch
1066001	28/06/2011	522724	7075666	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Poor	No Tree Cover
1066002	28/06/2011	522751	7075708	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Good	No Tree Cover
1066003	28/06/2011	522780	7075751	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Good	No Tree Cover
1066004	28/06/2011	522810	7075794	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	No Tree Cover
1066005	28/06/2011	522837	7075837	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Clay	Subtle Slope	B	40	Damp	Good	No Tree Cover
1066006	28/06/2011	522866	7075879	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	40	Damp	Good	No Tree Cover
1066007	28/06/2011	522897	7075921	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	10	Damp	Excellent	No Tree Cover
1066009	28/06/2011	522922	7075960	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	No Tree Cover
1066010	28/06/2011	522952	7076004	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1066011	28/06/2011	522980	7076044	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1066012	28/06/2011	523006	7076088	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	No Tree Cover
1066013	28/06/2011	523034	7076131	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Poor	No Tree Cover
1066014	28/06/2011	523060	7076173	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Poor	No Tree Cover
1066015	28/06/2011	523088	7076215	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Clay	Subtle Slope	C	20	Damp	Poor	No Tree Cover
1066016	28/06/2011	523115	7076257	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Clay	Flat	B	20	Damp	Good	No Tree Cover
1066017	28/06/2011	523143	7076301	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	No Tree Cover
1066018	28/06/2011	523169	7076342	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	40	Damp	Good	No Tree Cover
1066019	28/06/2011	523195	7076385	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	60	Damp	Excellent	No Tree Cover
1066020	28/06/2011	523225	7076426	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	No Tree Cover
1066021	28/06/2011	523236	7076470	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Excellent	No Tree Cover
1066022	28/06/2011	523240	7076517	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1066023	28/06/2011	523243	7076564	UTMZ7N_NAD83	Grass Cover	Reddish Brown	Clay	Pronounced Slope	B	20	Damp	Good	Dwarf Birch
1066024	28/06/2011	523245	7076617	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Dwarf Birch
1066025	28/06/2011	523253	7076667	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Excellent	No Tree Cover
1066026	28/06/2011	523255	7076719	UTMZ7N_NAD83	Grass Cover	Reddish Brown	Sand	Pronounced Slope	C	20	Damp	Good	Old Burn
1066027	28/06/2011	523258	7076767	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	20	Damp	Excellent	Old Burn
1066028	28/06/2011	523262	7076816	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Good	Old Burn
1066029	28/06/2011	523267	7076866	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	Old Burn
1066030	28/06/2011	523270	7076918	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Old Burn
1066031	28/06/2011	523272	7076965	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Old Burn
1066032	28/06/2011	523278	7077017	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Good	Old Burn
1066034	28/06/2011	523282	7077068	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Good	Old Burn
1066036	28/06/2011	523286	7077115	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Excellent	Old Burn
1066037	28/06/2011	523285	7077166	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Dry	Good	Old Burn
1066038	28/06/2011	523278	7077216	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Old Burn
1066039	28/06/2011	523274	7077266	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Old Burn
1066040	28/06/2011	523272	7077317	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1066041	28/06/2011	523267	7077367	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1066042	28/06/2011	523268	7077418	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Old Burn
1066043	28/06/2011	523265	7077469	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1066044	28/06/2011	523262	7077519	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1066045	28/06/2011	523257	7077570	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1066046	28/06/2011	523255	7077620	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1066047	28/06/2011	523252	7077671	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	No Tree Cover
1066048	28/06/2011	523249	7077723	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1066049	28/06/2011	523245	7077773	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	80	Dry	Excellent	Old Burn
1066050	28/06/2011	523240	7077823	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Old Burn
1066051	28/06/2011	523239	7077872	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Old Burn
1066052	28/06/2011	523230	7077922	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1066053	28/06/2011	523230	7077973	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1066054	28/06/2011	523217	7078023	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Black Spruce
1066056	28/06/2011	523214	7078074	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Black Spruce
1066057	28/06/2011	523207	7078124	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Black Spruce
1066058	28/06/2011	523204	7078175	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Black Spruce
1066059	28/06/2011	523196	7078225	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Black Spruce
1066060	28/06/2011	523195	7078277	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Black Spruce
1066061	28/06/2011	523188	7078329	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Black Spruce
1066062	28/06/2011	523182	7078379	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Black Spruce
1066063	28/06/2011	523181	7078429	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Black Spruce
1066064	28/06/2011	523180	7078479	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Black Spruce
1066065	28/06/2011	523175	7078529	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Black Spruce
1066066	28/06/2011	523165	7078579	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Excellent	Black Spruce
1066068	28/06/2011	523156	7078629	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Black Spruce
1066069	28/06/2011	523155	7078679	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Black Spruce
1066070	30/06/2011	513840	7070361	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	No Tree Cover
1066071	02/07/2011	512858	7074794	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1066072	02/07/2011	512880	7074838	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1066073	02/07/2011	512896	7074886	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	30	Dry	Good	No Tree Cover
1066074	02/07/2011	512907	7074935	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1066075	02/07/2011	512922	7074984	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	80	Damp	Excellent	No Tree Cover
1066076	02/07/2011	512942	7075030	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	No Tree Cover
1066077	02/07/2011	512954	7075079	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1066078	02/07/2011	512974	7075126	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1066079	02/07/2011	512994	7075172	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1066080	02/07/2011	513014	7075220	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1066081	02/07/2011	513032	7075269	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1066082	02/07/2011	513048	7075317	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1066083	02/07/2011	513063	7075365	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	No Tree Cover
1066084	02/07/2011	513077	7075414	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Good	No Tree Cover
1066085	02/07/2011	513094	7075462	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1066086	02/07/2011	513108	7075510	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Excellent	No Tree Cover
1066087	02/07/2011	513114	7075562	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	No Tree Cover
1066088	02/07/2011	513129	7075610	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1066089	02/07/2011	513144	7075657	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	C	60	Dry	Good	No Tree Cover
1066091	02/07/2011	513162	7075704	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1066092	02/07/2011	513179	7075753	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1066093	02/07/2011	513193	7075803	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1066094	02/07/2011	513207	7075854	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1066095	02/07/2011	513222	7075903	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1066096	02/07/2011	513237	7075953	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	No Tree Cover
1066097	02/07/2011	513252	7076002	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1066098	02/07/2011	513268	7076051	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	No Tree Cover
1066099	02/07/2011	513282	7076100	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	60	Wet	Good	No Tree Cover
1066100	02/07/2011	513300	7076149	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Clay	Subtle Slope	C	40	Damp	Good	No Tree Cover
1066101	28/06/2011	523298	7076520	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1066102	28/06/2011	523341	7076542	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1066103	28/06/2011	523384	7076567	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1066104	28/06/2011	523429	7076593	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1066105	28/06/2011	523475	7076614	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Good	Old Burn
1066106	28/06/2011	523518	7076639	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1066107	28/06/2011	523558	7076664	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1066108	28/06/2011	523606	7076684	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1066109	28/06/2011	523648	7076713	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1066110	28/06/2011	523691	7076736	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1066111	28/06/2011	523735	7076761	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1066112	28/06/2011	523784	7076778	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1066113	28/06/2011	523823	7076809	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1066114	28/06/2011	523871	7076826	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	Poplar
1066115	28/06/2011	523908	7076864	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1066116	28/06/2011	523947	7076894	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Old Burn
1066118	28/06/2011	523983	7076932	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn
1066119	28/06/2011	524021	7076965	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1066120	28/06/2011	524055	7077008	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	90	Dry	Excellent	Old Burn
1066122	28/06/2011	524104	7077029	UTMZ7N_NAD83	Thin Moss Cover	Light Grey	Sand	Subtle Slope	C	110	Dry	Excellent	Old Burn
1066123	28/06/2011	524104	7077029	UTMZ7N_NAD83	Thin Moss Cover	Light Grey	Sand	Subtle Slope	C	110	Dry	Excellent	Old Burn
1066124	28/06/2011	524138	7077067	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	80	Dry	Excellent	Old Burn
1066125	28/06/2011	524176	7077098	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1066126	28/06/2011	524219	7077123	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1066127	28/06/2011	524262	7077148	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1066128	28/06/2011	524305	7077175	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1066129	28/06/2011	524351	7077201	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1066130	28/06/2011	524392	7077225	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1066131	28/06/2011	524436	7077250	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1066132	28/06/2011	524477	7077281	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1066133	28/06/2011	524523	7077301	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Subtle Slope	B	50	Damp	Good	Birch Forest
1066134	28/06/2011	524564	7077330	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	40	Dry	Good	Poplar

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1066135	28/06/2011	524610	7077353	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1066137	01/07/2011	506210	7065404	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1066138	01/07/2011	506168	7065363	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1066139	01/07/2011	506131	7065327	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Subtle Slope	C	70	Damp	Excellent	Old Burn
1066151	29/06/2011	517483	7065641	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	No Tree Cover
1066152	29/06/2011	517523	7065611	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1066153	29/06/2011	517560	7065578	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1066154	29/06/2011	517601	7065548	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	No Tree Cover
1066155	29/06/2011	517641	7065518	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1066156	29/06/2011	517678	7065483	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1066157	29/06/2011	517722	7065457	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1066158	29/06/2011	517756	7065421	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1066159	29/06/2011	517796	7065392	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1066160	29/06/2011	517838	7065362	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1066161	29/06/2011	517875	7065327	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1066162	29/06/2011	517914	7065297	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	No Tree Cover
1066163	29/06/2011	517956	7065267	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1066164	29/06/2011	517996	7065236	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1066165	29/06/2011	518033	7065203	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Excellent	No Tree Cover
1066166	29/06/2011	518074	7065174	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1066167	29/06/2011	518113	7065144	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1066168	29/06/2011	518156	7065116	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	C	50	Damp	Good	No Tree Cover
1066169	29/06/2011	518197	7065088	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	No Tree Cover
1066170	29/06/2011	518241	7065062	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1066171	29/06/2011	518284	7065035	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	No Tree Cover
1066172	29/06/2011	518325	7065006	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	No Tree Cover
1066173	29/06/2011	518369	7064983	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	No Tree Cover
1066174	29/06/2011	518411	7064954	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	No Tree Cover
1066175	29/06/2011	518454	7064930	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Good	No Tree Cover
1066176	29/06/2011	518496	7064900	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1066177	29/06/2011	518524	7064859	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Flat	B	30	Dry	Good	No Tree Cover
1066178	29/06/2011	518552	7064817	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Good	No Tree Cover
1066179	29/06/2011	518575	7064771	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1066180	29/06/2011	518601	7064728	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	No Tree Cover
1066181	29/06/2011	518627	7064685	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	No Tree Cover
1066183	29/06/2011	518653	7064642	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	No Tree Cover
1066184	29/06/2011	518680	7064600	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	No Tree Cover
1066186	29/06/2011	519931	7064317	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	20	Damp	Excellent	No Tree Cover
1066187	29/06/2011	519893	7064351	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	No Tree Cover
1066188	29/06/2011	519853	7064384	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Clay	Pronounced Slope	B	30	Damp	Poor	No Tree Cover
1066189	29/06/2011	519814	7064415	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Pronounced Slope	B	10	Damp	Good	No Tree Cover
1066190	29/06/2011	519776	7064446	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1066191	29/06/2011	519736	7064484	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	10	Dry	Poor	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1066192	29/06/2011	519696	7064516	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	20	Wet	Good	No Tree Cover
1066203	29/06/2011	519188	7064775	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1066204	29/06/2011	519140	7064790	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	10	Dry	Excellent	No Tree Cover
1066205	29/06/2011	519093	7064819	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	40	Dry	Good	No Tree Cover
1066206	29/06/2011	519087	7064869	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Excellent	No Tree Cover
1066207	29/06/2011	519089	7064920	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Excellent	No Tree Cover
1066208	29/06/2011	519093	7064974	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	20	Dry	Excellent	No Tree Cover
1066209	29/06/2011	519094	7065025	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	10	Dry	Excellent	No Tree Cover
1066211	29/06/2011	519102	7065079	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	10	Damp	Good	No Tree Cover
1066212	29/06/2011	519079	7065126	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Excellent	No Tree Cover
1066213	29/06/2011	519048	7065166	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	B	30	Dry	Good	No Tree Cover
1066214	29/06/2011	519014	7065204	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Excellent	No Tree Cover
1066216	29/06/2011	518984	7065245	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Excellent	No Tree Cover
1066217	29/06/2011	518955	7065285	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	B	20	Damp	Poor	No Tree Cover
1066218	30/06/2011	521465	7071003	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	No Tree Cover
1066219	01/07/2011	508992	7066540	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	80	Dry	Excellent	Birch Forest
1066221	01/07/2011	509651	7063957	UTMZ7N_NAD83	Bare Soil	Light Brown	Sand	Flat	C	20	Dry	Excellent	Old Burn
1066222	01/07/2011	509626	7064003	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1066223	01/07/2011	509603	7064048	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Sand	Subtle Slope	C	20	Dry	Excellent	Old Burn
1066224	01/07/2011	509579	7064093	UTMZ7N_NAD83	Thin Moss Cover	Reddish Orange	Sand	Subtle Slope	C	20	Dry	Excellent	Old Burn
1066225	01/07/2011	509554	7064138	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Excellent	Old Burn
1066226	01/07/2011	509531	7064183	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Old Burn
1066227	01/07/2011	509507	7064230	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Clay	Subtle Slope	C	20	Dry	Good	Old Burn
1066228	01/07/2011	509481	7064273	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	20	Damp	Poor	Old Burn
1066229	01/07/2011	509441	7064306	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	20	Dry	Excellent	Old Burn
1066230	01/07/2011	509400	7064339	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	10	Dry	Good	Old Burn
1066231	01/07/2011	509361	7064371	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	20	Dry	Excellent	Old Burn
1066232	01/07/2011	509320	7064404	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Sand	Subtle Slope	C	20	Dry	Excellent	Old Burn
1066233	01/07/2011	509280	7064435	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1066235	01/07/2011	509241	7064468	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1066236	01/07/2011	509201	7064499	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Excellent	Old Burn
1066237	01/07/2011	509155	7064537	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Excellent	Old Burn
1066251	29/06/2011	519421	7063224	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1066252	29/06/2011	519383	7063257	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1066253	29/06/2011	519356	7063300	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1066254	29/06/2011	519321	7063337	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1066255	29/06/2011	519287	7063374	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1066256	29/06/2011	519256	7063413	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1066257	29/06/2011	519230	7063455	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Pronounced Slope	B	20	Damp	Good	No Tree Cover
1066258	29/06/2011	519199	7063491	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1066259	29/06/2011	519164	7063533	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1066260	29/06/2011	519131	7063570	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1066261	29/06/2011	519090	7063607	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1066262	29/06/2011	519073	7063652	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1066263	29/06/2011	519050	7063697	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1066264	29/06/2011	519010	7063730	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1066266	29/06/2011	518993	7063784	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1066267	29/06/2011	518970	7063826	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1066268	29/06/2011	518943	7063868	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Subtle Slope	B	30	Damp	Poor	No Tree Cover
1066269	29/06/2011	518913	7063903	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1066270	29/06/2011	518895	7063959	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1066271	29/06/2011	518857	7064049	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1066272	29/06/2011	518827	7064092	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Flat	B	40	Damp	Good	No Tree Cover
1066273	29/06/2011	518812	7064147	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1066274	29/06/2011	518775	7064182	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1066275	29/06/2011	518775	7064233	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1066276	29/06/2011	518751	7064280	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1066277	29/06/2011	518752	7064332	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1066278	29/06/2011	518745	7064379	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1066279	29/06/2011	518738	7064430	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1066280	29/06/2011	518723	7064482	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1066281	29/06/2011	518708	7064528	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Flat	B	30	Damp	Good	No Tree Cover
1066282	29/06/2011	518695	7064575	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1066301	29/06/2011	517526	7066544	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1066302	29/06/2011	517507	7066498	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Flat	C	30	Dry	Excellent	No Tree Cover
1066303	29/06/2011	517477	7066454	UTMZ7N_NAD83	Rock Cover	Dark Brown	Silt	Subtle Slope	B	20	Dry	Good	No Tree Cover
1066304	29/06/2011	517451	7066409	UTMZ7N_NAD83	Rock Cover	Light Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1066305	29/06/2011	517421	7066368	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1066306	29/06/2011	517396	7066323	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Silt	Subtle Slope	B	30	Dry	Good	No Tree Cover
1066307	29/06/2011	517391	7066272	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	No Tree Cover
1066308	29/06/2011	517379	7066223	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1066309	29/06/2011	517359	7066175	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1066310	29/06/2011	517363	7066126	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Silt	Subtle Slope	B	30	Dry	Good	No Tree Cover
1066311	29/06/2011	517361	7066073	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1066312	29/06/2011	517354	7066024	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1066313	29/06/2011	517364	7065973	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Silt	Subtle Slope	B	30	Dry	Good	No Tree Cover
1066314	29/06/2011	517375	7065921	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1066315	29/06/2011	517399	7065877	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Good	No Tree Cover
1066316	29/06/2011	517418	7065830	UTMZ7N_NAD83	Rock Cover	Reddish Brown	Sand	Subtle Slope	B	30	Dry	Good	No Tree Cover
1066317	29/06/2011	517432	7065780	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Excellent	No Tree Cover
1066318	29/06/2011	517440	7065728	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	No Tree Cover
1066319	29/06/2011	517445	7065679	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1066320	29/06/2011	517411	7065643	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1066321	29/06/2011	517396	7065593	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1066322	29/06/2011	517368	7065552	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	No Tree Cover
1066323	29/06/2011	517327	7065522	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1066324	29/06/2011	517290	7065488	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1066325	29/06/2011	517249	7065458	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Excellent	No Tree Cover
1066326	29/06/2011	517206	7065434	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Flat	C	30	Damp	Excellent	No Tree Cover
1066327	29/06/2011	517174	7065399	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Subtle Slope	C	10	Dry	Good	No Tree Cover
1066328	29/06/2011	517137	7065364	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1066329	29/06/2011	517090	7065332	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	No Tree Cover
1066331	29/06/2011	517063	7065298	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	No Tree Cover
1066332	29/06/2011	517031	7065242	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Silt	Flat	B	20	Dry	Poor	No Tree Cover
1066351	30/06/2011	515687	7066018	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	No Tree Cover
1066352	30/06/2011	515719	7066057	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	No Tree Cover
1066353	30/06/2011	515745	7066101	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1066354	30/06/2011	515776	7066141	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Grey	Clay	Subtle Slope	B	40	Damp	Good	No Tree Cover
1066355	30/06/2011	515805	7066183	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Clay	Subtle Slope	B	30	Damp	Good	No Tree Cover
1066356	30/06/2011	515835	7066224	UTMZ7N_NAD83	Thin Moss Cover	Grey	Clay	Subtle Slope	B	30	Damp	Good	No Tree Cover
1066357	30/06/2011	515855	7066270	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Poor	No Tree Cover
1066358	30/06/2011	515857	7066321	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1066359	30/06/2011	515853	7066373	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Wet	Poor	No Tree Cover
1066360	30/06/2011	515850	7066423	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Poor	No Tree Cover
1066361	30/06/2011	515850	7066473	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Poor	No Tree Cover
1066362	30/06/2011	515847	7066523	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Poor	No Tree Cover
1066363	30/06/2011	515844	7066574	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Poor	No Tree Cover
1066364	30/06/2011	515842	7066625	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1066365	30/06/2011	515844	7066676	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	No Tree Cover
1066366	30/06/2011	515842	7066726	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1066367	30/06/2011	515843	7066776	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1066368	30/06/2011	515848	7066826	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1066369	30/06/2011	515850	7066877	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	No Tree Cover
1066370	30/06/2011	515862	7066926	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	No Tree Cover
1066371	30/06/2011	515864	7066977	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1066372	30/06/2011	515867	7067028	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1066373	30/06/2011	515870	7067078	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	No Tree Cover
1066374	30/06/2011	515873	7067129	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	No Tree Cover
1066375	30/06/2011	515882	7067179	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	No Tree Cover
1066376	30/06/2011	515892	7067230	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1066377	30/06/2011	515900	7067279	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	No Tree Cover
1066378	30/06/2011	515905	7067330	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	80	Wet	Good	No Tree Cover
1066379	30/06/2011	515917	7067380	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Wet	Good	No Tree Cover
1066380	30/06/2011	515927	7067430	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Grey	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1066382	30/06/2011	515936	7067480	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Poor	No Tree Cover
1066383	30/06/2011	515943	7067530	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Good	No Tree Cover
1066386	30/06/2011	516506	7068874	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Excellent	No Tree Cover
1066387	30/06/2011	516482	7068829	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	50	Damp	Excellent	No Tree Cover
1066388	30/06/2011	516461	7068784	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Excellent	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1066389	30/06/2011	516442	7068738	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	No Tree Cover
1066390	30/06/2011	516423	7068689	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	No Tree Cover
1066391	30/06/2011	516403	7068641	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	20	Damp	Good	No Tree Cover
1066392	30/06/2011	516398	7068590	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Pronounced Slope	B	20	Damp	Good	No Tree Cover
1066393	30/06/2011	516406	7068540	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	No Tree Cover
1066394	30/06/2011	516412	7068489	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	20	Damp	Excellent	No Tree Cover
1066395	30/06/2011	516422	7068438	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Excellent	No Tree Cover
1066396	30/06/2011	516423	7068392	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Clay	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1066397	30/06/2011	516434	7068340	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	B	20	Damp	Good	No Tree Cover
1066398	30/06/2011	516439	7068290	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Pronounced Slope	C	20	Damp	Excellent	No Tree Cover
1066399	30/06/2011	516447	7068239	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Excellent	No Tree Cover
1066401	30/06/2011	516454	7068194	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Excellent	No Tree Cover
1066402	30/06/2011	516460	7068145	UTMZ7N_NAD83	Frost Boil	Dark Brown	Clay	Subtle Slope	B	30	Damp	Poor	No Tree Cover
1066403	30/06/2011	516442	7068095	UTMZ7N_NAD83	Grass Cover	Dark Brown	Clay	Subtle Slope	B	20	Damp	Poor	No Tree Cover
1066404	30/06/2011	516402	7068067	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Damp	Excellent	No Tree Cover
1066405	30/06/2011	516360	7068037	UTMZ7N_NAD83	Grass Cover	Dark Brown	Clay	Pronounced Slope	B	20	Wet	Poor	No Tree Cover
1066406	30/06/2011	516316	7068007	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Subtle Slope	B	30	Damp	Good	No Tree Cover
1066407	30/06/2011	516274	7067978	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	20	Dry	Excellent	No Tree Cover
1066409	30/06/2011	516229	7067949	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Excellent	No Tree Cover
1066410	30/06/2011	516188	7067912	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	20	Dry	Excellent	No Tree Cover
1066411	30/06/2011	516154	7067875	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	20	Dry	Excellent	No Tree Cover
1066412	30/06/2011	516117	7067839	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	20	Dry	Good	No Tree Cover
1066413	30/06/2011	516080	7067801	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Pronounced Slope	C	70	Damp	Excellent	No Tree Cover
1066414	30/06/2011	516043	7067765	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Excellent	No Tree Cover
1066415	30/06/2011	516008	7067725	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Excellent	No Tree Cover
1066416	30/06/2011	515984	7067680	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Flat	C	10	Dry	Excellent	No Tree Cover
1066417	30/06/2011	515965	7067632	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1066418	30/06/2011	515948	7067584	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1066419	30/06/2011	515937	7067557	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1066451	01/07/2011	510259	7065779	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1066452	01/07/2011	510210	7065770	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1066453	01/07/2011	510158	7065759	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	40	Damp	Poor	Black Spruce
1066454	01/07/2011	510066	7065726	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1066455	01/07/2011	510017	7065709	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1066456	01/07/2011	509966	7065708	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1066457	01/07/2011	509856	7065578	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	50	Damp	Good	Black Spruce
1066458	01/07/2011	509815	7065549	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	40	Damp	Poor	Black Spruce
1066459	01/07/2011	509777	7065511	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1066460	01/07/2011	509743	7065473	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Black Spruce
1066461	01/07/2011	509701	7065440	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Wet	Good	Black Spruce
1066462	01/07/2011	509669	7065399	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Black Spruce
1066463	01/07/2011	509630	7065368	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Subtle Slope	B	50	Damp	Good	Black Spruce
1066464	01/07/2011	509573	7065275	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	B	50	Damp	Good	Black Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1066465	01/07/2011	509544	7065231	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Good	Black Spruce
1066466	01/07/2011	509507	7065197	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Wet	Poor	Black Spruce
1066467	01/07/2011	509472	7065161	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Black Spruce
1066468	01/07/2011	509423	7065155	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1066469	01/07/2011	509370	7065151	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Black Spruce
1066470	01/07/2011	509323	7065133	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1066471	01/07/2011	509142	7065044	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	Black Spruce
1066472	01/07/2011	509081	7064997	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	40	Wet	Poor	No Tree Cover
1066473	01/07/2011	509033	7064983	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Subtle Slope	B	50	Damp	Good	Old Burn
1066535	22/06/2011	515719	7084738	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1066536	22/06/2011	515677	7084709	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1066538	22/06/2011	515546	7084646	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1066539	22/06/2011	515502	7084620	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Old Burn
1066540	22/06/2011	515094	7084413	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	80	Damp	Good	Old Burn
1066541	22/06/2011	515049	7084390	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	30	Damp	Excellent	Old Burn
1066542	22/06/2011	515005	7084364	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1066543	22/06/2011	514957	7084350	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1066544	22/06/2011	514912	7084326	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1066545	22/06/2011	514869	7084302	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Clay	Subtle Slope	B	50	Damp	Poor	Old Burn
1066546	22/06/2011	514823	7084285	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	80	Damp	Good	Old Burn
1066547	22/06/2011	514777	7084260	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1066548	22/06/2011	514728	7084257	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1066549	22/06/2011	514677	7084258	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	30	Damp	Poor	Old Burn
1066550	22/06/2011	514625	7084262	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1066551	22/06/2011	514393	7084434	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1066552	26/06/2011	510566	7060204	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Flat	C	30	Damp	Good	Subalpine Fir
1066553	26/06/2011	510567	7060254	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Subtle Slope	B	40	Damp	Poor	Subalpine Fir
1066554	26/06/2011	510572	7060305	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Sand	Subtle Slope	C	40	Damp	Good	Subalpine Fir
1066555	26/06/2011	510571	7060356	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Flat	C	40	Wet	Poor	Willows
1066556	26/06/2011	510570	7060407	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Poor	Willows
1066557	26/06/2011	510573	7060460	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Subtle Slope	B	40	Wet	Poor	Willows
1066558	26/06/2011	510571	7060510	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Sand	Subtle Slope	B	30	Wet	Poor	Willows
1066559	26/06/2011	510578	7060560	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Flat	B	30	Damp	Poor	Willows
1066560	26/06/2011	510574	7060611	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	30	Damp	Good	No Tree Cover
1066561	26/06/2011	510614	7060642	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	30	Dry	Poor	No Tree Cover
1066562	26/06/2011	510656	7060671	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Wet	Poor	No Tree Cover
1066563	26/06/2011	510697	7060701	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	30	Dry	Good	No Tree Cover
1066564	26/06/2011	510737	7060733	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	B	30	Dry	Poor	Willows
1066565	26/06/2011	510776	7060764	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	B	30	Damp	Poor	Willows
1066566	26/06/2011	510816	7060796	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	B	40	Dry	Good	Willows
1066567	26/06/2011	510857	7060826	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	B	30	Dry	Good	Willows
1066568	26/06/2011	510896	7060856	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	B	30	Damp	Poor	Willows
1066569	26/06/2011	510938	7060883	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Clay	Flat	B	40	Damp	Good	Willows

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1066570	26/06/2011	510980	7060914	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Clay	Flat	B	50	Damp	Poor	No Tree Cover
1066571	26/06/2011	511019	7060946	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	B	30	Dry	Poor	Willows
1066572	26/06/2011	511058	7060978	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Clay	Flat	B	40	Wet	Poor	No Tree Cover
1066573	26/06/2011	511097	7061010	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Clay	Flat	B	30	Damp	Poor	No Tree Cover
1066574	26/06/2011	511122	7061054	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Clay	Flat	B	30	Damp	Poor	No Tree Cover
1066575	26/06/2011	511141	7061102	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Clay	Flat	B	30	Damp	Poor	No Tree Cover
1066576	26/06/2011	511160	7061149	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Good	No Tree Cover
1066577	26/06/2011	511186	7061193	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	30	Damp	Good	No Tree Cover
1066578	26/06/2011	511201	7061241	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Flat	B	40	Damp	Poor	No Tree Cover
1066579	26/06/2011	511221	7061288	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Poor	No Tree Cover
1066580	26/06/2011	511242	7061335	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Flat	B	40	Damp	Good	No Tree Cover
1066581	26/06/2011	511258	7061382	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Poor	Willows
1066582	26/06/2011	511281	7061428	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1066583	26/06/2011	511290	7061454	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	60	Dry	Poor	No Tree Cover
1066601	22/06/2011	515789	7082522	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Excellent	Old Burn
1066602	22/06/2011	515744	7082490	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Old Burn
1066603	22/06/2011	515700	7082461	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1066604	22/06/2011	515659	7082429	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn
1066605	22/06/2011	515622	7082391	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1066606	22/06/2011	515579	7082360	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1066607	22/06/2011	515539	7082329	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1066608	22/06/2011	515492	7082300	UTMZ7N_NAD83	Burnt Moss	Dark Blue Black	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1066609	22/06/2011	515443	7082288	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1066610	22/06/2011	515392	7082270	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Excellent	Old Burn
1066611	22/06/2011	515341	7082254	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1066612	22/06/2011	515296	7082231	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1066613	22/06/2011	515244	7082215	UTMZ7N_NAD83	Frost Boil	Reddish Orange	Sand	Pronounced Slope	C	50	Dry	Excellent	Old Burn
1066614	22/06/2011	515200	7082190	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	Old Burn
1066615	22/06/2011	515150	7082180	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Pronounced Slope	C	40	Dry	Excellent	Old Burn
1066616	22/06/2011	515103	7082157	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Pronounced Slope	C	50	Dry	Excellent	Old Burn
1066617	22/06/2011	515054	7082141	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Excellent	Old Burn
1066618	22/06/2011	515003	7082126	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Dry	Poor	Old Burn
1066619	22/06/2011	514959	7082100	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Pronounced Slope	B	40	Dry	Good	Old Burn
1066620	22/06/2011	514908	7082091	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Good	Old Burn
1066621	22/06/2011	514862	7082070	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Excellent	Old Burn
1066622	22/06/2011	514809	7082056	UTMZ7N_NAD83	Burnt Moss	Reddish Orange	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1066623	22/06/2011	514758	7082063	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Excellent	Old Burn
1066624	22/06/2011	514708	7082077	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Excellent	Old Burn
1066626	22/06/2011	514663	7082092	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Poor	Old Burn
1066627	22/06/2011	514562	7082099	UTMZ7N_NAD83	Burnt Moss	Greyish Green	Sand	Pronounced Slope	C	40	Dry	Excellent	Old Burn
1066629	22/06/2011	514522	7082127	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	Old Burn
1066630	22/06/2011	514470	7082128	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Steep	C	50	Dry	Excellent	Old Burn
1066631	22/06/2011	514437	7082132	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Steep	C	50	Dry	Excellent	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1066632	30/06/2011	515161	7070410	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	B	30	Damp	Poor	No Tree Cover
1066633	29/06/2011	518724	7065366	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Wet	Poor	No Tree Cover
1066634	29/06/2011	518769	7065349	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1066635	29/06/2011	518818	7065342	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Poor	No Tree Cover
1066701	22/06/2011	514575	7084270	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1066702	22/06/2011	514525	7084273	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1066703	22/06/2011	514485	7084303	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1066704	22/06/2011	514449	7084338	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1066705	22/06/2011	514418	7084379	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn
1066707	22/06/2011	515630	7084695	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1066708	22/06/2011	515585	7084675	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1066709	22/06/2011	515455	7084598	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Poor	Old Burn
1066710	22/06/2011	515410	7084576	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	30	Damp	Excellent	Old Burn
1066711	22/06/2011	515366	7084551	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1066712	22/06/2011	515320	7084531	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Clay	Subtle Slope	C	40	Damp	Poor	Old Burn
1066713	22/06/2011	515277	7084504	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1066714	22/06/2011	515232	7084477	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1066715	22/06/2011	515184	7084459	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1066716	22/06/2011	515140	7084436	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1066751	27/06/2011	519174	7074479	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Willows
1066752	27/06/2011	519197	7074525	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Willows
1066753	27/06/2011	519231	7074564	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Willows
1066754	27/06/2011	519258	7074608	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1066755	27/06/2011	519284	7074651	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Willows
1066756	27/06/2011	519314	7074693	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1066757	27/06/2011	519339	7074735	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Willows
1066758	27/06/2011	519369	7074776	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Willows
1066759	27/06/2011	519390	7074822	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1066760	27/06/2011	519421	7074862	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Willows
1066761	27/06/2011	519446	7074908	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Black Spruce
1066762	27/06/2011	519479	7074947	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	80	Damp	Excellent	Black Spruce
1066763	27/06/2011	519515	7074982	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1066764	27/06/2011	519547	7075020	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	Old Burn
1066765	27/06/2011	519582	7075057	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Excellent	Willows
1066766	27/06/2011	519616	7075095	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1066767	27/06/2011	519651	7075131	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Willows
1066768	27/06/2011	519687	7075167	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Willows
1066769	27/06/2011	519716	7075210	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	Willows
1066770	27/06/2011	519752	7075246	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	Willows
1066771	27/06/2011	519787	7075286	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Grey	Clay	Subtle Slope	C	50	Dry	Excellent	Willows
1066772	27/06/2011	519827	7075318	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Excellent	Willows
1066773	27/06/2011	519857	7075359	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Willows
1066774	27/06/2011	519894	7075394	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Excellent	Willows

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1066776	27/06/2011	519926	7075434	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Willows
1066777	27/06/2011	519964	7075468	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Willows
1066778	27/06/2011	520000	7075506	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Willows
1066779	27/06/2011	520038	7075540	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Willows
1066780	27/06/2011	520067	7075581	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Willows
1066781	27/06/2011	520097	7075621	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Willows
1066782	27/06/2011	520124	7075664	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	Willows
1066783	27/06/2011	520147	7075698	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1066784	30/06/2011	514432	7070385	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Pronounced Slope	C	50	Dry	Poor	No Tree Cover
1066785	30/06/2011	514384	7070401	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	70	Damp	Excellent	No Tree Cover
1066786	27/06/2011	520761	7073911	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	No Tree Cover
1066787	27/06/2011	520741	7073958	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Subtle Slope	B	30	Wet	Poor	No Tree Cover
1066788	27/06/2011	520719	7074005	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Good	No Tree Cover
1066789	27/06/2011	520704	7074057	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	20	Wet	Good	No Tree Cover
1066790	27/06/2011	520675	7074102	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Clay	Subtle Slope	B	30	Damp	Poor	No Tree Cover
1066791	27/06/2011	520654	7074146	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Clay	Subtle Slope	C	50	Wet	Good	No Tree Cover
1066792	27/06/2011	520632	7074195	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	50	Wet	Good	Dwarf Birch
1066793	27/06/2011	520610	7074240	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Poor	No Tree Cover
1066794	27/06/2011	520589	7074289	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Clay	Subtle Slope	C	50	Wet	Good	Dwarf Birch
1066805	27/06/2011	518283	7073361	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Dwarf Birch
1066806	27/06/2011	518311	7073405	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Dwarf Birch
1066807	27/06/2011	518339	7073445	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Grey	Sand	Subtle Slope	C	50	Damp	Excellent	Old Burn
1066808	27/06/2011	518377	7073479	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1066809	27/06/2011	518408	7073519	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	20	Dry	Good	Old Burn
1066810	27/06/2011	518446	7073554	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Excellent	Dwarf Birch
1066811	27/06/2011	518482	7073579	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1066812	27/06/2011	518525	7073610	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Dwarf Birch
1066813	27/06/2011	518567	7073640	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	20	Dry	Good	Dwarf Birch
1066814	27/06/2011	518609	7073669	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Dwarf Birch
1066815	27/06/2011	518646	7073703	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Subtle Slope	B	30	Wet	Good	Old Burn
1066816	27/06/2011	518682	7073738	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Dwarf Birch
1066817	27/06/2011	518720	7073770	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Dwarf Birch
1066818	27/06/2011	518767	7073792	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Subtle Slope	B	40	Dry	Good	Old Burn
1066819	27/06/2011	518806	7073824	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Subtle Slope	B	30	Damp	Good	Old Burn
1066820	27/06/2011	518849	7073853	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Good	Old Burn
1066821	27/06/2011	518889	7073889	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Good	Old Burn
1066822	27/06/2011	518925	7073924	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Excellent	Old Burn
1066823	27/06/2011	518972	7073943	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Silt	Subtle Slope	A	30	Wet	Poor	Black Spruce
1066824	27/06/2011	519059	7073993	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	B	30	Wet	Good	Black Spruce
1066825	27/06/2011	519100	7074035	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Silt	Subtle Slope	A	30	Wet	Poor	Black Spruce
1066826	27/06/2011	518985	7074259	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1066828	27/06/2011	519026	7074291	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Excellent	Black Spruce
1066829	27/06/2011	519046	7074338	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Silt	Pronounced Slope	B	40	Damp	Good	Dwarf Birch

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1066830	27/06/2011	519086	7074372	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Excellent	Dwarf Birch
1066831	27/06/2011	519108	7074414	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	B	20	Damp	Good	Dwarf Birch
1066832	27/06/2011	519140	7074438	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Excellent	Dwarf Birch
1066851	27/06/2011	520440	7074618	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Clay	Flat	C	50	Damp	Excellent	Dwarf Birch
1066852	27/06/2011	520422	7074666	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Clay	Flat	C	50	Damp	Excellent	Dwarf Birch
1066853	27/06/2011	520403	7074714	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Flat	C	30	Damp	Good	Dwarf Birch
1066854	27/06/2011	520385	7074761	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	C	50	Damp	Good	Dwarf Birch
1066855	27/06/2011	520366	7074810	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Dwarf Birch
1066856	27/06/2011	520353	7074861	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1066857	27/06/2011	520350	7074913	UTMZ7N_NAD83	Grass Cover	Dark Grey Black	Clay	Subtle Slope	B	30	Damp	Poor	Black Spruce
1066858	27/06/2011	520350	7074965	UTMZ7N_NAD83	Grass Cover	Grey	Clay	Subtle Slope	B	20	Damp	Good	Black Spruce
1066859	27/06/2011	520353	7075016	UTMZ7N_NAD83	Thin Moss Cover	Dark Grey Black	Clay	Subtle Slope	B	20	Damp	Good	Dwarf Birch
1066860	27/06/2011	520355	7075068	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Clay	Subtle Slope	B	50	Wet	Good	Dwarf Birch
1066862	27/06/2011	520353	7075116	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Good	Dwarf Birch
1066863	27/06/2011	520351	7075167	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Wet	Good	Dwarf Birch
1066864	27/06/2011	520351	7075218	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	Dwarf Birch
1066865	27/06/2011	520350	7075271	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1066866	27/06/2011	520351	7075321	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Clay	Subtle Slope	B	50	Damp	Good	Dwarf Birch
1066867	27/06/2011	520351	7075368	UTMZ7N_NAD83	Grass Cover	Light Brown	Clay	Pronounced Slope	B	30	Wet	Good	Dwarf Birch
1066868	29/06/2011	518103	7066133	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Poor	No Tree Cover
1066869	29/06/2011	518066	7066097	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	90	Wet	Poor	No Tree Cover
1066870	29/06/2011	518030	7066049	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Poor	No Tree Cover
1066901	23/07/2011	509859	7067341	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	60	Damp	Poor	Old Burn
1066902	23/07/2011	509814	7067321	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	110	Wet	Excellent	Old Burn
1066903	23/07/2011	509768	7067306	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	70	Damp	Excellent	Old Burn
1066984	27/06/2011	521416	7075099	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Flat	B	40	Dry	Good	Willows
1067001	24/06/2011	516687	7059648	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	No Tree Cover
1067002	24/06/2011	516708	7059601	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Excellent	No Tree Cover
1067003	24/06/2011	516732	7059555	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1067004	24/06/2011	516754	7059508	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	20	Damp	Good	No Tree Cover
1067005	24/06/2011	516777	7059462	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Flat	B	40	Damp	Good	No Tree Cover
1067006	24/06/2011	516812	7059424	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	20	Damp	Excellent	No Tree Cover
1067007	24/06/2011	516859	7059402	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	30	Damp	Good	No Tree Cover
1067008	24/06/2011	516903	7059379	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	No Tree Cover
1067009	24/06/2011	516949	7059354	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Excellent	No Tree Cover
1067010	24/06/2011	516994	7059329	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Sand	Subtle Slope	C	40	Damp	Excellent	No Tree Cover
1067011	24/06/2011	517039	7059305	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	No Tree Cover
1067012	24/06/2011	517083	7059283	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Clay	Pronounced Slope	B	10	Damp	Poor	No Tree Cover
1067013	24/06/2011	517128	7059259	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	B	10	Wet	Poor	No Tree Cover
1067014	24/06/2011	517174	7059232	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Clay	Subtle Slope	B	20	Damp	Good	No Tree Cover
1067015	24/06/2011	517217	7059205	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	No Tree Cover
1067016	24/06/2011	517260	7059178	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	70	Damp	Excellent	No Tree Cover
1067018	24/06/2011	517302	7059151	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1067019	24/06/2011	517345	7059121	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Excellent	No Tree Cover
1067020	24/06/2011	517388	7059096	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Clay	Subtle Slope	B	30	Damp	Good	No Tree Cover
1067021	24/06/2011	517430	7059068	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1067022	24/06/2011	517473	7059041	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Flat	B	20	Damp	Good	No Tree Cover
1067023	24/06/2011	517512	7059018	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	No Tree Cover
1067026	28/06/2011	527465	7073015	UTMZ7N_NAD83	Burnt Moss	Grey	Sand	Pronounced Slope	C	70	Damp	Good	Old Burn
1067028	28/06/2011	527494	7073055	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	70	Damp	Good	Old Burn
1067029	28/06/2011	527524	7073096	UTMZ7N_NAD83	Burnt Moss	Dark Olivine Green	Sand	Pronounced Slope	C	60	Damp	Excellent	Old Burn
1067030	28/06/2011	527547	7073140	UTMZ7N_NAD83	Burnt Moss	Bluish Grey	Sand	Subtle Slope	C	60	Damp	Excellent	Old Burn
1067031	28/06/2011	527576	7073181	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Old Burn
1067032	28/06/2011	527603	7073225	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1067033	28/06/2011	527636	7073264	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Good	Old Burn
1067034	28/06/2011	527667	7073305	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1067035	28/06/2011	527696	7073346	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1067036	28/06/2011	527719	7073391	UTMZ7N_NAD83	Burnt Moss	Dark Olivine Green	Sand	Pronounced Slope	C	60	Damp	Excellent	Old Burn
1067037	28/06/2011	527721	7073387	UTMZ7N_NAD83	Burnt Moss	Dark Olivine Green	Sand	Pronounced Slope	C	70	Damp	Excellent	Old Burn
1067038	28/06/2011	527781	7073471	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	50	Wet	Good	Old Burn
1067039	28/06/2011	527819	7073504	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1067040	28/06/2011	527860	7073532	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Pronounced Slope	C	40	Damp	Poor	Old Burn
1067041	28/06/2011	527896	7073569	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Poor	Old Burn
1067042	28/06/2011	527936	7073599	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Poor	Old Burn
1067043	28/06/2011	527972	7073632	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Old Burn
1067044	28/06/2011	528008	7073668	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	110	Damp	Good	Old Burn
1067045	28/06/2011	528047	7073700	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1067046	28/06/2011	528085	7073735	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Poor	Old Burn
1067047	28/06/2011	528115	7073774	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1067048	28/06/2011	528156	7073800	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	B	40	Damp	Poor	Old Burn
1067049	28/06/2011	528194	7073834	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Old Burn
1067050	28/06/2011	528243	7073850	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Old Burn
1067151	22/06/2011	516589	7084439	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1067152	22/06/2011	516557	7084400	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1067153	22/06/2011	516502	7084388	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Dry	Poor	No Tree Cover
1067154	22/06/2011	516468	7084352	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Poor	Old Burn
1067155	22/06/2011	516442	7084308	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1067156	22/06/2011	516409	7084268	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1067157	22/06/2011	516380	7084227	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Flat	B	40	Damp	Good	No Tree Cover
1067158	22/06/2011	516340	7084198	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Flat	B	40	Damp	Good	No Tree Cover
1067159	22/06/2011	516282	7084181	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Flat	B	40	Damp	Good	No Tree Cover
1067160	22/06/2011	516247	7084145	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1067161	22/06/2011	516232	7084093	UTMZ7N_NAD83	Bare Soil	Dark Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1067162	22/06/2011	516210	7084039	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	B	40	Dry	Good	Old Burn
1067163	22/06/2011	516179	7083997	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Flat	B	40	Damp	Good	Black Spruce
1067164	22/06/2011	516143	7083960	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1067165	22/06/2011	516078	7083880	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1067166	22/06/2011	516052	7083856	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1067167	22/06/2011	516022	7083816	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	B	40	Damp	Good	No Tree Cover
1067168	22/06/2011	515986	7083778	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Flat	B	40	Damp	Good	No Tree Cover
1067169	22/06/2011	515949	7083743	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Flat	B	50	Damp	Good	No Tree Cover
1067170	22/06/2011	515920	7083700	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1067171	22/06/2011	515892	7083650	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	50	Dry	Good	No Tree Cover
1067173	22/06/2011	515854	7083615	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1067174	22/06/2011	515811	7083592	UTMZ7N_NAD83	Bare Soil	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1067175	22/06/2011	515769	7083561	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	20	Dry	Good	No Tree Cover
1067176	22/06/2011	515720	7083545	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Dry	Good	No Tree Cover
1067177	22/06/2011	515680	7083516	UTMZ7N_NAD83	Bare Soil	Dark Brown	Sand	Subtle Slope	B	10	Damp	Good	No Tree Cover
1067178	22/06/2011	515633	7083498	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1067179	22/06/2011	515593	7083465	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	40	Damp	Good	No Tree Cover
1067180	22/06/2011	515551	7083441	UTMZ7N_NAD83	Bare Soil	Dark Brown	Sand	Flat	B	40	Damp	Good	No Tree Cover
1067181	22/06/2011	515512	7083401	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	B	40	Damp	Good	No Tree Cover
1067182	22/06/2011	515467	7083386	UTMZ7N_NAD83	Bare Soil	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1067184	29/06/2011	518427	7065525	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	60	Damp	Poor	No Tree Cover
1067185	29/06/2011	518464	7065485	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	60	Wet	Poor	No Tree Cover
1067186	29/06/2011	518673	7065367	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Poor	No Tree Cover
1067201	27/06/2011	519326	7068501	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1067202	27/06/2011	519382	7068493	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1067203	27/06/2011	519428	7068485	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1067204	27/06/2011	519475	7068467	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1067205	27/06/2011	519524	7068454	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	No Tree Cover
1067206	27/06/2011	519574	7068453	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	No Tree Cover
1067207	27/06/2011	519625	7068443	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	70	Damp	Good	No Tree Cover
1067208	27/06/2011	519674	7068422	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1067209	27/06/2011	519720	7068420	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1067210	27/06/2011	519771	7068402	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1067211	27/06/2011	519813	7068367	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	40	Wet	Good	No Tree Cover
1067212	27/06/2011	519955	7068318	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Good	No Tree Cover
1067213	27/06/2011	520002	7068304	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	No Tree Cover
1067214	27/06/2011	520049	7068280	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1067215	27/06/2011	520096	7068262	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1067216	27/06/2011	520139	7068243	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	80	Wet	Good	No Tree Cover
1067217	27/06/2011	520186	7068218	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	70	Wet	Good	No Tree Cover
1067218	27/06/2011	520232	7068199	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Sand	Subtle Slope	C	80	Wet	Good	No Tree Cover
1067219	27/06/2011	520278	7068178	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1067220	27/06/2011	520325	7068158	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Good	No Tree Cover
1067221	27/06/2011	520370	7068139	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1067222	27/06/2011	520416	7068119	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	70	Wet	Good	No Tree Cover
1067223	27/06/2011	520465	7068106	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1067224	27/06/2011	520507	7068067	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Wet	Good	No Tree Cover
1067225	27/06/2011	520556	7068063	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1067226	27/06/2011	520612	7068062	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	90	Damp	Good	No Tree Cover
1067227	27/06/2011	520663	7068061	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Good	No Tree Cover
1067228	27/06/2011	520712	7068057	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Good	No Tree Cover
1067229	27/06/2011	520762	7068057	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Pronounced Slope	B	50	Damp	Poor	No Tree Cover
1067230	27/06/2011	520813	7068063	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1067251	30/06/2011	512666	7063103	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Flat	B	40	Damp	Good	No Tree Cover
1067252	30/06/2011	512624	7063132	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Flat	B	40	Damp	Good	No Tree Cover
1067253	30/06/2011	512582	7063159	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Flat	B	40	Dry	Good	No Tree Cover
1067254	30/06/2011	512538	7063179	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1067255	30/06/2011	512494	7063207	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1067256	30/06/2011	512450	7063225	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1067257	30/06/2011	512407	7063252	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1067258	30/06/2011	512363	7063278	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1067259	30/06/2011	512327	7063314	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1067260	30/06/2011	512289	7063346	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1067261	30/06/2011	512247	7063378	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Flat	C	50	Dry	Good	No Tree Cover
1067262	30/06/2011	512213	7063411	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Flat	C	40	Damp	Good	No Tree Cover
1067263	30/06/2011	512173	7063442	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	60	Wet	Good	No Tree Cover
1067265	30/06/2011	512141	7063482	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Flat	C	50	Damp	Good	No Tree Cover
1067267	30/06/2011	512110	7063523	UTMZ7N_NAD83	Bare Soil	Dark Brown	Sand	Flat	B	50	Dry	Good	No Tree Cover
1067268	30/06/2011	512087	7063567	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Flat	C	50	Damp	Good	No Tree Cover
1067269	30/06/2011	512055	7063613	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Dry	Good	No Tree Cover
1067270	30/06/2011	512038	7063655	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	No Tree Cover
1067271	30/06/2011	512019	7063702	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	B	30	Dry	Good	No Tree Cover
1067272	30/06/2011	511997	7063748	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Flat	B	30	Damp	Good	No Tree Cover
1067273	30/06/2011	511999	7063803	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Dry	Good	No Tree Cover
1067274	30/06/2011	511986	7063850	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Subtle Slope	B	40	Dry	Good	No Tree Cover
1067275	30/06/2011	511953	7063889	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Dry	Good	No Tree Cover
1067276	30/06/2011	511938	7063943	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	No Tree Cover
1067277	30/06/2011	511896	7063976	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	20	Dry	Good	No Tree Cover
1067278	30/06/2011	511860	7064067	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1067279	30/06/2011	511818	7064098	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1067280	30/06/2011	511787	7064138	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1067281	30/06/2011	511759	7064178	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1067282	30/06/2011	511722	7064220	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1067283	30/06/2011	511694	7064262	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Flat	C	50	Dry	Excellent	No Tree Cover
1067286	02/07/2011	513316	7076197	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1067287	02/07/2011	513328	7076245	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	No Tree Cover
1067288	02/07/2011	513336	7076280	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	No Tree Cover
1067291	02/07/2011	510982	7077225	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	10	Dry	Excellent	No Tree Cover
1067292	02/07/2011	510984	7077174	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Flat	C	30	Dry	Excellent	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1067293	02/07/2011	510986	7077124	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Excellent	No Tree Cover
1067294	02/07/2011	510990	7077074	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Excellent	No Tree Cover
1067295	02/07/2011	510993	7077024	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	No Tree Cover
1067296	02/07/2011	510996	7076974	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1067297	02/07/2011	510999	7076923	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	No Tree Cover
1067299	02/07/2011	511003	7076873	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1067300	02/07/2011	511004	7076821	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Excellent	No Tree Cover
1067301	28/06/2011	527186	7074772	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Good	Old Burn
1067302	28/06/2011	527223	7074798	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1067303	28/06/2011	527254	7074839	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn
1067304	28/06/2011	527290	7074873	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Old Burn
1067305	28/06/2011	527328	7074907	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1067306	28/06/2011	527365	7074941	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1067307	28/06/2011	527390	7074983	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Excellent	Old Burn
1067308	28/06/2011	527435	7075010	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1067309	28/06/2011	527465	7075055	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Old Burn
1067310	28/06/2011	527500	7075083	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1067311	28/06/2011	527541	7075118	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1067312	28/06/2011	527571	7075161	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1067313	28/06/2011	527610	7075191	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1067314	28/06/2011	527665	7075218	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Old Burn
1067315	28/06/2011	527711	7075238	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1067316	28/06/2011	527758	7075257	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	90	Wet	Good	Old Burn
1067317	28/06/2011	527803	7075278	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Subtle Slope	C	50	Wet	Excellent	Old Burn
1067318	28/06/2011	527849	7075299	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1067319	28/06/2011	527896	7075314	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	20	Dry	Good	Old Burn
1067320	28/06/2011	527945	7075330	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	90	Dry	Excellent	Old Burn
1067322	28/06/2011	527988	7075358	UTMZ7N_NAD83	Burnt Moss	Reddish Orange	Sand	Subtle Slope	B	20	Dry	Good	Old Burn
1067323	28/06/2011	528036	7075371	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	20	Dry	Poor	Old Burn
1067324	28/06/2011	528081	7075394	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1067325	28/06/2011	528128	7075414	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1067326	28/06/2011	528173	7075426	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1067327	28/06/2011	528220	7075452	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Old Burn
1067328	28/06/2011	528265	7075475	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1067330	28/06/2011	528310	7075494	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1067331	28/06/2011	528362	7075507	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Old Burn
1067332	28/06/2011	528408	7075529	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Damp	Good	Old Burn
1067333	28/06/2011	528439	7075546	UTMZ7N_NAD83	Grass Cover	Dark Blue Black	Sand	Subtle Slope	B	30	Dry	Good	Old Burn
1067334	28/06/2011	528473	7075560	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1067336	28/06/2011	528274	7073887	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Old Burn
1067337	28/06/2011	528286	7073935	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	90	Damp	Good	Old Burn
1067338	28/06/2011	528315	7073976	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Poor	Old Burn
1067339	28/06/2011	528330	7074024	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1067340	28/06/2011	528349	7074072	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Old Burn
1067341	28/06/2011	528364	7074121	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Poor	Old Burn
1067342	28/06/2011	528379	7074170	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	80	Damp	Poor	Old Burn
1067343	28/06/2011	528401	7074212	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	90	Damp	Poor	Old Burn
1067344	28/06/2011	528415	7074251	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	C	90	Damp	Poor	Old Burn
1067345	30/06/2011	513743	7070353	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Poor	No Tree Cover
1067346	30/06/2011	513788	7070354	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	100	Damp	Good	No Tree Cover
1067351	26/06/2011	515223	7061394	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Good	No Tree Cover
1067352	26/06/2011	515274	7061403	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1067365	26/06/2011	515873	7061459	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1067366	26/06/2011	515924	7061461	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Excellent	No Tree Cover
1067367	26/06/2011	515973	7061463	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Excellent	No Tree Cover
1067368	26/06/2011	516025	7061467	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	No Tree Cover
1067369	26/06/2011	516076	7061467	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Excellent	No Tree Cover
1067370	26/06/2011	516125	7061471	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Excellent	No Tree Cover
1067371	26/06/2011	516177	7061469	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Excellent	No Tree Cover
1067372	26/06/2011	516222	7061447	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	No Tree Cover
1067373	26/06/2011	516262	7061415	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Excellent	No Tree Cover
1067374	26/06/2011	516306	7061390	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Good	No Tree Cover
1067375	26/06/2011	516350	7061367	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	No Tree Cover
1067376	26/06/2011	516396	7061343	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1067377	26/06/2011	516438	7061316	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1067378	26/06/2011	516483	7061293	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1067379	26/06/2011	516525	7061268	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	No Tree Cover
1067381	30/06/2011	514336	7070417	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	40	Damp	Poor	No Tree Cover
1067382	30/06/2011	514287	7070433	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1067383	30/06/2011	514225	7070438	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown		Pronounced Slope	C	40			No Tree Cover
1067384	30/06/2011	514178	7070423	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1067385	30/06/2011	514127	7070417	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	30	Dry	Poor	No Tree Cover
1067386	26/06/2011	513517	7063464	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	B	30	Wet	Poor	No Tree Cover
1067387	26/06/2011	513465	7063472	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Wet	Good	No Tree Cover
1067388	26/06/2011	513415	7063479	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1067389	26/06/2011	513364	7063486	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Clay	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1067391	26/06/2011	513312	7063484	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Clay	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1067392	26/06/2011	513262	7063477	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	C	40	Dry	Excellent	No Tree Cover
1067393	26/06/2011	513211	7063471	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	C	30	Damp	Good	No Tree Cover
1067394	26/06/2011	513161	7063456	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	C	40	Dry	Good	No Tree Cover
1067395	26/06/2011	513118	7063428	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	C	40	Damp	Good	No Tree Cover
1067396	26/06/2011	513072	7063403	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	C	50	Damp	Excellent	No Tree Cover
1067397	26/06/2011	513028	7063377	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	30	Dry	Good	No Tree Cover
1067398	26/06/2011	512986	7063353	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Clay	Subtle Slope	C	20	Damp	Excellent	No Tree Cover
1067399	26/06/2011	512942	7063326	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	B	40	Damp	Good	No Tree Cover
1067400	26/06/2011	512898	7063300	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Excellent	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1067401	22/06/2011	515419	7083370	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	No Tree Cover
1067402	22/06/2011	515368	7083358	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	No Tree Cover
1067403	22/06/2011	515317	7083344	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Clay	Flat	B	40	Wet	Good	Willows
1067404	22/06/2011	515268	7083332	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Flat	C	40	Wet	Poor	Willows
1067405	22/06/2011	515219	7083320	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Flat	B	20	Damp	Poor	Willows
1067406	22/06/2011	515170	7083308	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Clay	Flat	C	20	Damp	Good	No Tree Cover
1067407	22/06/2011	515122	7083295	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Clay	Flat	C	20	Damp	Excellent	No Tree Cover
1067409	22/06/2011	515069	7083280	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Clay	Flat	C	30	Damp	Excellent	No Tree Cover
1067410	22/06/2011	515020	7083265	UTMZ7N_NAD83	Bare Soil	Light Brown	Clay	Flat	C	30	Damp	Excellent	No Tree Cover
1067411	22/06/2011	514969	7083253	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Clay	Pronounced Slope	C	20	Damp	Good	No Tree Cover
1067412	22/06/2011	514921	7083242	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Clay	Subtle Slope	C	20	Damp	Good	No Tree Cover
1067413	22/06/2011	514870	7083249	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Clay	Subtle Slope	C	30	Damp	Good	No Tree Cover
1067414	22/06/2011	514821	7083267	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Sand	Subtle Slope	C	20	Damp	Good	No Tree Cover
1067415	22/06/2011	514773	7083288	UTMZ7N_NAD83	Bare Soil	Light Brown	Clay	Pronounced Slope	C	30	Damp	Good	No Tree Cover
1067416	22/06/2011	514726	7083303	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Clay	Pronounced Slope	C	30	Damp	Good	No Tree Cover
1067417	22/06/2011	514676	7083323	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Sand	Pronounced Slope	C	30	Damp	Good	No Tree Cover
1067418	22/06/2011	514627	7083341	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1067419	22/06/2011	514600	7083385	UTMZ7N_NAD83	Bare Soil	Light Grey	Clay	Subtle Slope	C	30	Damp	Good	No Tree Cover
1067420	22/06/2011	514579	7083434	UTMZ7N_NAD83	Bare Soil	Light Grey	Clay	Subtle Slope	C	20	Damp	Good	No Tree Cover
1067421	22/06/2011	514555	7083482	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Clay	Pronounced Slope	C	30	Damp	Good	No Tree Cover
1067422	22/06/2011	514535	7083527	UTMZ7N_NAD83	Bare Soil	Light Grey	Clay	Pronounced Slope	B	20	Damp	Good	Old Burn
1067423	22/06/2011	514512	7083574	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Clay	Pronounced Slope	C	20	Damp	Excellent	Old Burn
1067424	22/06/2011	514491	7083621	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Clay	Pronounced Slope	B	20	Damp	Poor	Old Burn
1067425	22/06/2011	514468	7083667	UTMZ7N_NAD83	Bare Soil	Dark Grey Black	Clay	Pronounced Slope	B	30	Damp	Poor	Old Burn
1067426	22/06/2011	514446	7083716	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	Old Burn
1067427	22/06/2011	514426	7083762	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Clay	Pronounced Slope	B	40	Damp	Good	Old Burn
1067428	22/06/2011	514404	7083809	UTMZ7N_NAD83	Burnt Moss	Dark Grey Black	Clay	Pronounced Slope	B	40	Wet	Poor	Old Burn
1067429	22/06/2011	514370	7083848	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Clay	Pronounced Slope	C	40	Damp	Good	Old Burn
1067430	22/06/2011	514336	7083888	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Old Burn
1067431	22/06/2011	514300	7083925	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	B	50	Wet	Good	Old Burn
1067432	22/06/2011	514277	7083948	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	B	30	Wet	Good	Old Burn
1067436	22/06/2011	515004	7083186	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1067437	22/06/2011	514957	7083168	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Dry	Good	Old Burn
1067438	22/06/2011	514912	7083146	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Dry	Good	Old Burn
1067439	22/06/2011	514864	7083131	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	Old Burn
1067440	22/06/2011	514816	7083112	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Dry	Good	Old Burn
1067441	22/06/2011	514772	7083090	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1067442	22/06/2011	514724	7083071	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1067443	22/06/2011	514681	7083046	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1067444	22/06/2011	514640	7083016	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Dry	Good	Old Burn
1067445	22/06/2011	514604	7082982	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Good	Old Burn
1067446	22/06/2011	514563	7082951	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Dry	Good	Old Burn
1067447	22/06/2011	514543	7082905	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Dry	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1067448	22/06/2011	514530	7082856	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	Old Burn
1067449	22/06/2011	514523	7082806	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Good	Old Burn
1067450	22/06/2011	514518	7082757	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Old Burn
1067451	22/06/2011	514521	7082707	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Old Burn
1067452	22/06/2011	514504	7082660	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1067453	22/06/2011	514507	7082610	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Poplar
1067454	22/06/2011	514498	7082562	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Excellent	Poplar
1067455	22/06/2011	514488	7082513	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	60	Dry	Excellent	Poplar
1067457	22/06/2011	514473	7082464	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Excellent	Poplar
1067458	22/06/2011	514451	7082418	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	Poplar
1067459	22/06/2011	514430	7082372	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	Poplar
1067460	22/06/2011	514403	7082329	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	Poplar
1067461	22/06/2011	514378	7082311	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Excellent	Poplar
1067462	22/06/2011	514351	7082355	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	Old Burn
1067463	22/06/2011	514317	7082393	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Old Burn
1067464	22/06/2011	514299	7082441	UTMZ7N_NAD83	Needle Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Old Burn
1067465	22/06/2011	514282	7082490	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	C	70	Damp	Good	Old Burn
1067466	22/06/2011	514265	7082539	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	60	Dry	Excellent	Old Burn
1067467	22/06/2011	514248	7082586	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Old Burn
1067469	29/06/2011	518048	7066003	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Subtle Slope	B	20	Damp	Poor	No Tree Cover
1067470	29/06/2011	518075	7065960	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Good	No Tree Cover
1067471	26/06/2011	510522	7063003	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	Willows
1067472	26/06/2011	510478	7062977	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1067473	26/06/2011	510436	7062954	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1067474	26/06/2011	510392	7062929	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Willows
1067475	26/06/2011	510349	7062902	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1067476	26/06/2011	510315	7062860	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1067477	26/06/2011	510282	7062821	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1067478	26/06/2011	510244	7062791	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Willows
1067479	26/06/2011	510209	7062748	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1067480	26/06/2011	510173	7062717	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Willows
1067481	26/06/2011	510134	7062685	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1067482	26/06/2011	510096	7062652	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1067483	26/06/2011	510061	7062616	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Willows
1067484	26/06/2011	510025	7062577	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Poplar
1067485	26/06/2011	509975	7062564	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	50	Damp	Good	Poplar
1067487	26/06/2011	509918	7062553	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Willows
1067488	26/06/2011	509862	7062548	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1067489	26/06/2011	509804	7062540	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1067490	26/06/2011	509751	7062534	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1067491	26/06/2011	509685	7062551	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1067492	26/06/2011	509618	7062570	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1067493	26/06/2011	509568	7062585	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1067494	26/06/2011	509518	7062592	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	90	Damp	Excellent	Willows
1067496	26/06/2011	509473	7062609	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	70	Damp	Excellent	Willows
1067497	26/06/2011	509422	7062611	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	60	Damp	Good	Willows
1067498	26/06/2011	509368	7062610	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1067499	26/06/2011	509320	7062616	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1067500	26/06/2011	509268	7062608	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1067601	26/06/2011	509852	7061662	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	Birch Forest
1067602	26/06/2011	509805	7061644	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Black Spruce
1067603	26/06/2011	509755	7061634	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Black Spruce
1067604	26/06/2011	509704	7061625	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Good	Black Spruce
1067605	26/06/2011	509656	7061623	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Black Spruce
1067606	26/06/2011	509605	7061616	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Black Spruce
1067607	26/06/2011	509558	7061600	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Black Spruce
1067608	26/06/2011	509509	7061588	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Black Spruce
1067609	26/06/2011	509459	7061582	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Black Spruce
1067610	26/06/2011	509407	7061574	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Good	Black Spruce
1067611	26/06/2011	509361	7061563	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Subtle Slope	B	30	Damp	Poor	Black Spruce
1067612	26/06/2011	509312	7061553	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Black Spruce
1067613	26/06/2011	509264	7061546	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Black Spruce
1067614	26/06/2011	509214	7061531	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Black Spruce
1067615	26/06/2011	509166	7061522	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Black Spruce
1067616	26/06/2011	509126	7061510	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	Black Spruce
1067617	26/06/2011	509081	7061503	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Black Spruce
1067618	26/06/2011	509033	7061491	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Black Spruce
1067619	26/06/2011	508982	7061488	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Black Spruce
1067620	26/06/2011	508932	7061482	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Black Spruce
1067621	26/06/2011	508885	7061464	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Black Spruce
1067622	26/06/2011	508835	7061451	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Black Spruce
1067623	26/06/2011	508784	7061451	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Black Spruce
1067624	26/06/2011	508737	7061428	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Subtle Slope	C	40	Dry	Good	Black Spruce
1067625	26/06/2011	508687	7061425	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Black Spruce
1067626	26/06/2011	508639	7061415	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Good	Black Spruce
1067627	26/06/2011	508589	7061409	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Black Spruce
1067628	26/06/2011	508539	7061402	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Black Spruce
1067641	26/06/2011	511237	7061905	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1067642	26/06/2011	511191	7061881	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Poor	Dwarf Birch
1067643	26/06/2011	511144	7061860	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Good	No Tree Cover
1067644	26/06/2011	511101	7061833	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Dwarf Birch
1067645	26/06/2011	511055	7061809	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1067646	26/06/2011	511009	7061792	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	20	Wet	Good	No Tree Cover
1067647	26/06/2011	510966	7061763	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1067648	26/06/2011	510922	7061738	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1067649	26/06/2011	510873	7061720	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Blue Black	Clay	Subtle Slope	B	20	Wet	Poor	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1067650	26/06/2011	510823	7061705	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	B	20	Damp	Good	No Tree Cover
1067870	22/06/2011	517064	7081447	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Old Burn
1067871	22/06/2011	517115	7081452	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Subtle Slope	C	70	Dry	Good	Old Burn
1067872	22/06/2011	517164	7081467	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1067873	22/06/2011	517213	7081462	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Good	Old Burn
1067874	22/06/2011	517265	7081460	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1067875	22/06/2011	517315	7081476	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1067876	23/06/2011	514208	7079644	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	20	Wet	Poor	Old Burn
1067877	23/06/2011	514254	7079665	UTMZ7N_NAD83	Bare Soil	Light Brown	Sand	Subtle Slope	B	20	Damp	Good	Old Burn
1067878	23/06/2011	514299	7079687	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	20	Wet	Good	Old Burn
1067879	23/06/2011	514336	7079720	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	B	20	Damp	Good	Old Burn
1068325	01/07/2011	507355	7064672	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Subtle Slope	B	70	Wet	Good	Old Burn
1068326	01/07/2011	507334	7064720	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Birch Forest
1068327	01/07/2011	507286	7064753	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Subtle Slope	B	40	Wet	Good	Black Spruce
1068351	24/06/2011	516573	7056473	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1068352	24/06/2011	516557	7056521	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Dry	Good	No Tree Cover
1068353	24/06/2011	516540	7056570	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1068354	24/06/2011	516524	7056618	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1068355	24/06/2011	516507	7056665	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1068356	24/06/2011	516495	7056715	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Dry	Good	No Tree Cover
1068357	24/06/2011	516484	7056764	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Dry	Good	No Tree Cover
1068358	24/06/2011	516469	7056813	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Dry	Good	No Tree Cover
1068560	25/06/2011	513711	7063382	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Wet	Good	No Tree Cover
1068561	25/06/2011	513665	7063404	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1068562	25/06/2011	513622	7063427	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1068563	25/06/2011	513575	7063448	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Wet	Good	No Tree Cover
1068566	25/06/2011	515951	7063312	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Clay	Pronounced Slope	B	30	Wet	Good	No Tree Cover
1068567	25/06/2011	515981	7063274	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Silt	Pronounced Slope	B	20	Damp	Good	No Tree Cover
1068568	25/06/2011	515998	7063227	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1068569	25/06/2011	516022	7063183	UTMZ7N_NAD83	Thin Moss Cover	Reddish Orange	Sand	Pronounced Slope	C	60	Dry	Excellent	No Tree Cover
1068570	25/06/2011	516053	7063144	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Clay	Pronounced Slope	C	40	Wet	Good	No Tree Cover
1068571	25/06/2011	516080	7063101	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	C	40	Wet	Good	No Tree Cover
1068572	25/06/2011	516102	7063056	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Clay	Pronounced Slope	C	60	Wet	Good	No Tree Cover
1069090	23/06/2011	511685	7079890	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1069091	23/06/2011	511691	7079941	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Excellent	Old Burn
1069092	23/06/2011	511696	7079992	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Good	Old Burn
1069093	23/06/2011	511702	7080045	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Excellent	Old Burn
1069094	23/06/2011	511731	7080088	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	50	Wet	Excellent	Old Burn
1069095	23/06/2011	511784	7080169	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	30	Wet	Good	Old Burn
1069096	23/06/2011	511802	7080216	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	Old Burn
1069097	23/06/2011	511834	7080256	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	30	Wet	Good	Old Burn
1069098	23/06/2011	511862	7080300	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	30	Wet	Good	Old Burn
1069326	25/06/2011	514649	7060651	UTMZ7N_NAD83	Rock Cover	Reddish Yellow	Sand	Flat	C	40	Damp	Excellent	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1069327	25/06/2011	514604	7060630	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Dry	Good	No Tree Cover
1069328	25/06/2011	514558	7060610	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Dry	Poor	No Tree Cover
1069329	25/06/2011	514510	7060600	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Dry	Poor	No Tree Cover
1069330	25/06/2011	514456	7060573	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Sand	Flat	C	50	Dry	Good	No Tree Cover
1069331	25/06/2011	514405	7060570	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Flat	B	20	Dry	Poor	No Tree Cover
1069332	25/06/2011	514358	7060551	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	30	Dry	Poor	No Tree Cover
1069333	25/06/2011	514307	7060543	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Dry	Good	No Tree Cover
1069334	25/06/2011	514256	7060536	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Good	No Tree Cover
1069335	25/06/2011	514205	7060530	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Good	No Tree Cover
1069336	29/06/2011	518331	7066245	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1067687	26/06/2011	510009	7061676	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Good	Willows
1067688	26/06/2011	509956	7061672	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Black Spruce
1067689	26/06/2011	509908	7061663	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	40	Damp	Good	Black Spruce
1067701	24/06/2011	515208	7061528	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Pronounced Slope	B	40	Dry	Good	No Tree Cover
1067702	24/06/2011	515209	7061577	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1067703	24/06/2011	515215	7061627	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Damp	Good	No Tree Cover
1067704	24/06/2011	515199	7061675	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Damp	Good	No Tree Cover
1067705	24/06/2011	515184	7061723	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Damp	Good	No Tree Cover
1067706	24/06/2011	515171	7061772	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Clay	Subtle Slope	C	30	Damp	Good	No Tree Cover
1067707	24/06/2011	515154	7061821	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Damp	Good	No Tree Cover
1067708	24/06/2011	515143	7061870	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Damp	Good	No Tree Cover
1067709	24/06/2011	515142	7061921	UTMZ7N_NAD83	Thin Moss Cover	Reddish Orange	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1067710	24/06/2011	515124	7061968	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Silt	Subtle Slope	A	40	Damp	Poor	No Tree Cover
1067711	24/06/2011	515107	7062015	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Damp	Good	No Tree Cover
1067712	24/06/2011	515085	7062060	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	No Tree Cover
1067713	24/06/2011	515056	7062101	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Silt	Subtle Slope	B	40	Dry	Good	No Tree Cover
1067714	24/06/2011	515035	7062147	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1067715	24/06/2011	515019	7062195	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1067716	24/06/2011	514995	7062240	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Clay	Subtle Slope	C	30	Damp	Good	No Tree Cover
1067717	24/06/2011	514972	7062285	UTMZ7N_NAD83	Thin Moss Cover	Reddish Orange	Clay	Subtle Slope	C	30	Damp	Good	No Tree Cover
1067718	24/06/2011	514949	7062332	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1067719	24/06/2011	514960	7062382	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1067720	24/06/2011	514957	7062432	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Silt	Pronounced Slope	C	20	Dry	Good	No Tree Cover
1067722	24/06/2011	514974	7062480	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Silt	Pronounced Slope	C	20	Dry	Good	No Tree Cover
1067723	24/06/2011	514974	7062530	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1067724	24/06/2011	514976	7062580	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1067725	24/06/2011	514973	7062630	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Pronounced Slope	C	30	Dry	Good	No Tree Cover
1067726	24/06/2011	514975	7062680	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Silt	Pronounced Slope	C	30	Dry	Good	No Tree Cover
1067727	24/06/2011	514974	7062731	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Silt	Pronounced Slope	C	30	Dry	Good	No Tree Cover
1067728	24/06/2011	514980	7062780	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Clay	Pronounced Slope	C	30	Damp	Good	No Tree Cover
1067729	24/06/2011	514991	7062829	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Silt	Pronounced Slope	C	30	Dry	Good	No Tree Cover
1067730	24/06/2011	515009	7062876	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Pronounced Slope	B	40	Damp	Poor	No Tree Cover
1067731	24/06/2011	515055	7062964	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Silt	Subtle Slope	C	30	Dry	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1067733	24/06/2011	515087	7063008	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Silt	Subtle Slope	B	20	Dry	Good	No Tree Cover
1067734	26/06/2011	508944	7062549	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Flat	B	10	Dry	Good	Willows
1067736	23/06/2011	513291	7079673	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1067737	23/06/2011	513315	7079718	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Old Burn
1067738	23/06/2011	513335	7079765	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1067739	23/06/2011	513369	7079803	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1067740	23/06/2011	513397	7079845	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1067741	23/06/2011	513417	7079892	UTMZ7N_NAD83	Grass Cover	Greyish Green	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1067742	23/06/2011	513445	7079935	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1067743	23/06/2011	513478	7079974	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1067744	23/06/2011	513503	7080017	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1067746	23/06/2011	513538	7080054	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	White Spruce
1067747	23/06/2011	513570	7080093	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1067748	23/06/2011	513608	7080126	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1067749	23/06/2011	513643	7080163	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1067750	23/06/2011	513684	7080193	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1067751	23/06/2011	513722	7080224	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Silt	Subtle Slope	C	40	Damp	Good	Old Burn
1067752	23/06/2011	513759	7080257	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1067753	23/06/2011	513795	7080292	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1067754	23/06/2011	513833	7080325	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1067755	23/06/2011	513874	7080355	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1067756	23/06/2011	513906	7080395	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1067757	23/06/2011	513934	7080436	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	60	Wet	Good	Old Burn
1067758	23/06/2011	513972	7080473	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Subtle Slope	C	60	Dry	Good	Old Burn
1067759	23/06/2011	514007	7080509	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1067760	23/06/2011	514040	7080546	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Subtle Slope	C	50	Wet	Poor	Old Burn
1067761	23/06/2011	514069	7080588	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Grey	Sand	Subtle Slope	C	40	Wet	Good	Old Burn
1067762	23/06/2011	514089	7080634	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Grey Black	Sand	Subtle Slope	B	30	Wet	Poor	Black Spruce
1067763	23/06/2011	514115	7080678	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Good	Black Spruce
1067764	23/06/2011	514139	7080723	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Grey Black	Sand	Subtle Slope	B	20	Wet	Poor	Black Spruce
1067765	23/06/2011	514164	7080766	UTMZ7N_NAD83	Grass Cover	Grey	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1067766	23/06/2011	514178	7080813	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Old Burn
1067767	23/06/2011	514204	7080855	UTMZ7N_NAD83	Grass Cover	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1067768	23/06/2011	514225	7080900	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Old Burn
1067771	25/06/2011	515131	7063032	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Dry	Good	No Tree Cover
1067772	25/06/2011	515181	7063045	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	50	Dry	Good	No Tree Cover
1067773	25/06/2011	515229	7063061	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Dry	Good	No Tree Cover
1067775	25/06/2011	515277	7063078	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	B	30	Dry	Good	No Tree Cover
1067776	25/06/2011	515328	7063086	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	B	30	Dry	Good	No Tree Cover
1067777	25/06/2011	515378	7063096	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Flat	B	80	Damp	Good	No Tree Cover
1067779	25/06/2011	515424	7063109	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Dry	Good	No Tree Cover
1067780	25/06/2011	515465	7063139	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Flat	C	50	Dry	Excellent	No Tree Cover
1067781	25/06/2011	515512	7063158	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Flat	B	20	Dry	Poor	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1067782	25/06/2011	515557	7063185	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Flat	B	40	Dry	Good	No Tree Cover
1067783	25/06/2011	515603	7063206	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	40	Dry	Good	No Tree Cover
1067784	25/06/2011	515647	7063232	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1067785	25/06/2011	515693	7063256	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1067786	25/06/2011	515737	7063279	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	No Tree Cover
1067787	25/06/2011	515781	7063306	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	40	Dry	Good	No Tree Cover
1067788	25/06/2011	515825	7063328	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	No Tree Cover
1067789	25/06/2011	515873	7063348	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Pronounced Slope	B	30	Dry	Good	No Tree Cover
1067790	25/06/2011	515919	7063370	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	40	Dry	Good	No Tree Cover
1067791	25/06/2011	515965	7063393	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Dry	Good	No Tree Cover
1067792	25/06/2011	516011	7063420	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Dry	Good	No Tree Cover
1067793	25/06/2011	516060	7063437	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Dry	Good	No Tree Cover
1067794	25/06/2011	516104	7063467	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Dry	Poor	No Tree Cover
1067795	25/06/2011	516141	7063503	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	60	Damp	Good	No Tree Cover
1067796	25/06/2011	516180	7063539	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1067797	25/06/2011	516223	7063567	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1067798	25/06/2011	516261	7063602	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1067799	25/06/2011	516301	7063633	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	40	Damp	Good	No Tree Cover
1067800	25/06/2011	516343	7063662	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Wet	Good	No Tree Cover
1067801	25/06/2011	516381	7063696	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Dry	Good	No Tree Cover
1067802	25/06/2011	516423	7063725	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	50	Damp	Good	No Tree Cover
1067803	25/06/2011	516464	7063757	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Flat	C	40	Dry	Good	No Tree Cover
1067804	25/06/2011	516504	7063788	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Flat	B	40	Dry	Good	No Tree Cover
1067806	23/06/2011	514323	7079614	UTMZ7N_NAD83	Burnt Moss	Light Brown	Clay	Subtle Slope	C	40	Damp	Good	Willows
1067807	23/06/2011	514369	7079628	UTMZ7N_NAD83	Burnt Moss	Light Brown	Silt	Subtle Slope	C	30	Damp	Good	Old Burn
1067808	23/06/2011	514418	7079635	UTMZ7N_NAD83	Burnt Moss	Light Brown	Clay	Subtle Slope	C	40	Damp	Good	Old Burn
1067809	23/06/2011	514465	7079655	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Old Burn
1067810	23/06/2011	514514	7079666	UTMZ7N_NAD83	Burnt Moss	Light Brown	Clay	Pronounced Slope	C	40	Damp	Good	Old Burn
1067811	23/06/2011	514563	7079679	UTMZ7N_NAD83	Burnt Moss	Reddish Orange	Sand	Pronounced Slope	C	50	Damp	Good	Old Burn
1067812	23/06/2011	514611	7079693	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Pronounced Slope	C	40	Damp	Good	Old Burn
1067813	23/06/2011	514660	7079703	UTMZ7N_NAD83	Burnt Moss	Reddish Orange	Silt	Subtle Slope	C	40	Damp	Good	Old Burn
1067814	23/06/2011	514708	7079715	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Old Burn
1067815	23/06/2011	514756	7079731	UTMZ7N_NAD83	Burnt Moss	Reddish Orange	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1067816	23/06/2011	514805	7079739	UTMZ7N_NAD83	Burnt Moss	Reddish Orange	Silt	Subtle Slope	C	40	Damp	Good	Old Burn
1067817	23/06/2011	514853	7079758	UTMZ7N_NAD83	Burnt Moss	Reddish Orange	Silt	Subtle Slope	C	30	Damp	Good	Old Burn
1067818	23/06/2011	514903	7079770	UTMZ7N_NAD83	Burnt Moss	Light Brown	Silt	Subtle Slope	C	30	Damp	Good	Old Burn
1067819	23/06/2011	514950	7079781	UTMZ7N_NAD83	Burnt Moss	Light Brown	Silt	Subtle Slope	C	50	Damp	Good	Old Burn
1067820	23/06/2011	514999	7079795	UTMZ7N_NAD83	Burnt Moss	Light Brown	Silt	Subtle Slope	C	40	Damp	Good	Old Burn
1067821	23/06/2011	515048	7079802	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Silt	Subtle Slope	C	30	Damp	Good	Old Burn
1067822	23/06/2011	515094	7079821	UTMZ7N_NAD83	Burnt Moss	Light Brown	Silt	Pronounced Slope	C	50	Damp	Good	Old Burn
1067823	23/06/2011	515141	7079837	UTMZ7N_NAD83	Rock Cover	Light Brown	Silt	Pronounced Slope	B	50	Wet	Poor	Old Burn
1067824	23/06/2011	515187	7079859	UTMZ7N_NAD83	Burnt Moss	Light Brown	Silt	Pronounced Slope	C	40	Damp	Good	Old Burn
1067825	23/06/2011	515234	7079875	UTMZ7N_NAD83	Burnt Moss	Light Brown	Silt	Pronounced Slope	C	40	Damp	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1067826	23/06/2011	515281	7079893	UTMZ7N_NAD83	Burnt Moss	Light Brown	Silt	Pronounced Slope	C	40	Wet	Good	Old Burn
1067827	23/06/2011	515328	7079910	UTMZ7N_NAD83	Burnt Moss	Light Brown	Silt	Pronounced Slope	C	50	Wet	Good	Old Burn
1067828	23/06/2011	515376	7079923	UTMZ7N_NAD83	Burnt Moss	Light Brown	Silt	Pronounced Slope	C	70	Wet	Good	Old Burn
1067829	23/06/2011	515421	7079947	UTMZ7N_NAD83	Burnt Moss	Light Brown	Clay	Pronounced Slope	C	60	Wet	Good	Old Burn
1067830	23/06/2011	515470	7079961	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Pronounced Slope	C	50	Damp	Good	Old Burn
1067831	23/06/2011	515515	7079985	UTMZ7N_NAD83	Burnt Moss	Light Brown	Clay	Pronounced Slope	C	50	Damp	Good	Old Burn
1067832	23/06/2011	515563	7079996	UTMZ7N_NAD83	Burnt Moss	Light Brown	Clay	Flat	C	40	Damp	Good	Old Burn
1067833	23/06/2011	515613	7080008	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Pronounced Slope	C	30	Wet	Good	Old Burn
1067834	23/06/2011	515659	7080027	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1067835	23/06/2011	515704	7080047	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Pronounced Slope	C	40	Damp	Good	Old Burn
1067836	23/06/2011	515751	7080063	UTMZ7N_NAD83	Burnt Moss	Grey	Clay	Pronounced Slope	B	40	Wet	Poor	Old Burn
1067841	22/06/2011	516005	7081858	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1067842	22/06/2011	516016	7081809	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1067843	22/06/2011	516035	7081760	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1067844	22/06/2011	516046	7081712	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1067845	22/06/2011	516046	7081662	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Excellent	Old Burn
1067846	22/06/2011	516038	7081613	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	Old Burn
1067847	22/06/2011	516047	7081563	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Damp	Good	Old Burn
1067848	22/06/2011	516062	7081514	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Flat	C	30	Damp	Good	Old Burn
1067849	22/06/2011	516112	7081518	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1067850	22/06/2011	516162	7081531	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1067851	22/06/2011	516210	7081523	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1067852	22/06/2011	516260	7081517	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1067853	22/06/2011	516304	7081490	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1067854	22/06/2011	516354	7081486	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1067855	22/06/2011	516406	7081472	UTMZ7N_NAD83	Bare Soil	Dark Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Old Burn
1067856	22/06/2011	516457	7081465	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1067857	22/06/2011	516508	7081462	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1067858	22/06/2011	516559	7081454	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1067859	22/06/2011	516612	7081453	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1067860	22/06/2011	516661	7081455	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1067861	22/06/2011	516711	7081459	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1067862	22/06/2011	516761	7081472	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1067863	22/06/2011	516813	7081465	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1067864	22/06/2011	516860	7081446	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1067866	22/06/2011	516910	7081443	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Old Burn
1067867	22/06/2011	516962	7081439	UTMZ7N_NAD83	Bare Soil	Light Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1067868	22/06/2011	517015	7081431	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1067880	23/06/2011	514370	7079758	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Old Burn
1067881	23/06/2011	514410	7079788	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	10	Damp	Poor	Old Burn
1067882	23/06/2011	514448	7079820	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Good	Old Burn
1067883	23/06/2011	514486	7079853	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1067884	23/06/2011	514506	7079899	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Clay	Subtle Slope	B	10	Wet	Poor	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1067885	23/06/2011	514526	7079944	UTMZ7N_NAD83	Bare Soil	Light Brown	Sand	Subtle Slope	B	30	Wet	Good	Old Burn
1067886	23/06/2011	514540	7079992	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	30	Wet	Good	Old Burn
1067887	23/06/2011	514552	7080042	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Wet	Good	Old Burn
1067888	23/06/2011	514560	7080091	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	30	Wet	Good	Old Burn
1067889	23/06/2011	514574	7080140	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Wet	Good	Old Burn
1067890	23/06/2011	514590	7080188	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Old Burn
1067891	23/06/2011	514578	7080237	UTMZ7N_NAD83	Bare Soil	Light Brown	Sand	Subtle Slope	B	30	Wet	Good	Old Burn
1067892	23/06/2011	514576	7080288	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Subtle Slope	B	50	Wet	Good	Old Burn
1067893	23/06/2011	514576	7080338	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Wet	Good	Old Burn
1067894	23/06/2011	514579	7080389	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Clay	Subtle Slope	B	30	Damp	Good	Old Burn
1067895	23/06/2011	514571	7080438	UTMZ7N_NAD83	Bare Soil	Bluish Grey	Sand	Subtle Slope	C	110	Dry	Excellent	Old Burn
1067897	23/06/2011	514559	7080487	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1067898	23/06/2011	514555	7080537	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	30	Wet	Good	Old Burn
1067899	23/06/2011	514551	7080586	UTMZ7N_NAD83	Bare Soil	Light Brown	Clay	Subtle Slope	B	30	Damp	Good	Old Burn
1067900	23/06/2011	514536	7080634	UTMZ7N_NAD83	Bare Soil	Light Brown	Clay	Subtle Slope	B	30	Wet	Good	Old Burn
1067901	23/06/2011	514527	7080684	UTMZ7N_NAD83	Bare Soil	Light Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1067902	23/06/2011	514515	7080732	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Wet	Good	Old Burn
1067903	23/06/2011	514494	7080777	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	30	Wet	Good	Old Burn
1067904	23/06/2011	514475	7080824	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Steep	B	40	Wet	Good	Old Burn
1067905	23/06/2011	514454	7080869	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1067906	23/06/2011	514431	7080914	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Good	Old Burn
1067907	23/06/2011	514417	7080960	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Good	Black Spruce
1067908	25/06/2011	516888	7064873	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	No Tree Cover
1067909	25/06/2011	516944	7064956	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	No Tree Cover
1067910	25/06/2011	516919	7064912	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	No Tree Cover
1067911	23/06/2011	512804	7079498	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1067912	23/06/2011	512854	7079508	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1067913	23/06/2011	512902	7079525	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1067914	23/06/2011	512949	7079539	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Willows
1067915	23/06/2011	512998	7079554	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Willows
1067916	23/06/2011	513045	7079570	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1067917	23/06/2011	513094	7079579	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1067918	23/06/2011	513142	7079592	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Willows
1067919	23/06/2011	513191	7079603	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1067920	23/06/2011	513238	7079621	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1067921	23/06/2011	513285	7079639	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	30	Damp	Good	Willows
1067922	23/06/2011	513334	7079652	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Excellent	Willows
1067923	23/06/2011	513383	7079657	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1067924	23/06/2011	513443	7079637	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Good	Willows
1067925	23/06/2011	513496	7079618	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Good	Willows
1067926	23/06/2011	513548	7079618	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Willows
1067927	23/06/2011	513600	7079605	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Good	Willows
1067928	23/06/2011	513651	7079586	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1067929	23/06/2011	513704	7079573	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	50	Wet	Good	Willows
1067930	23/06/2011	513756	7079561	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	70	Damp	Good	Old Burn
1067931	23/06/2011	513807	7079553	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	Old Burn
1067932	23/06/2011	513855	7079540	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1067933	23/06/2011	513904	7079531	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1067934	23/06/2011	513954	7079519	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1067935	23/06/2011	514004	7079513	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1067936	23/06/2011	514053	7079500	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	B	40	Damp	Good	Willows
1067937	23/06/2011	514092	7079518	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1067938	23/06/2011	514137	7079538	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	C	50	Damp	Good	Old Burn
1067939	23/06/2011	514185	7079555	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1067940	23/06/2011	514227	7079583	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Old Burn
1067941	23/06/2011	514271	7079595	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1067946	23/06/2011	511700	7078645	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1067947	23/06/2011	511674	7078688	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1067948	23/06/2011	511679	7078739	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Pronounced Slope	C	40	Damp	Good	No Tree Cover
1067949	23/06/2011	511694	7078787	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1067950	23/06/2011	511717	7078834	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Subtle Slope	C	30	Damp	Excellent	No Tree Cover
1067951	22/06/2011	518389	7082494	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1067952	22/06/2011	518360	7082447	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1067953	22/06/2011	518330	7082407	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Old Burn
1067954	22/06/2011	518296	7082371	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Good	Old Burn
1067955	22/06/2011	518262	7082332	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1067956	22/06/2011	518236	7082291	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	100	Damp	Excellent	Old Burn
1067958	22/06/2011	518199	7082254	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1067959	22/06/2011	518171	7082215	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Old Burn
1067960	22/06/2011	518145	7082172	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	70	Damp	Good	Old Burn
1067961	22/06/2011	518108	7082135	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Good	Old Burn
1067962	22/06/2011	518076	7082098	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1067963	22/06/2011	518043	7082060	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	70	Damp	Good	Old Burn
1067964	22/06/2011	518011	7082023	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	White Spruce
1067965	22/06/2011	517979	7081983	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	70	Damp	Excellent	Old Burn
1067967	22/06/2011	517962	7081933	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	70	Damp	Good	Old Burn
1067968	22/06/2011	517948	7081885	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Sand	Subtle Slope	C	90	Damp	Excellent	Old Burn
1067969	22/06/2011	517923	7081841	UTMZ7N_NAD83	Needle Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Poplar
1067970	22/06/2011	517904	7081796	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Sand	Subtle Slope	C	70	Damp	Good	Old Burn
1067971	22/06/2011	517892	7081746	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1067972	22/06/2011	517872	7081700	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	70	Damp	Excellent	Poplar
1067973	22/06/2011	517852	7081654	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	80	Damp	Good	Old Burn
1067974	22/06/2011	517837	7081606	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	80	Damp	Good	Old Burn
1067975	22/06/2011	517820	7081560	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	80	Damp	Good	Old Burn
1067976	22/06/2011	517797	7081514	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Sand	Pronounced Slope	C	80	Damp	Good	Old Burn
1067977	22/06/2011	517777	7081468	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	70	Damp	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1067978	22/06/2011	517760	7081422	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Steep	C	90	Damp	Excellent	Old Burn
1067987	27/06/2011	518197	7067363	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	40	Damp	Excellent	No Tree Cover
1067988	27/06/2011	518152	7067338	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1067989	27/06/2011	518116	7067302	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	50	Damp	Good	No Tree Cover
1067990	27/06/2011	518066	7067294	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1067991	27/06/2011	518024	7067269	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1067992	27/06/2011	519747	7074144	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Willows
1067993	27/06/2011	519774	7074188	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	Willows
1067994	27/06/2011	519799	7074231	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Good	Willows
1067995	27/06/2011	519822	7074277	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	Willows
1067996	27/06/2011	519843	7074322	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	Willows
1067997	27/06/2011	519892	7074412	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Pronounced Slope	A	50	Wet	Poor	Willows
1067998	27/06/2011	519924	7074450	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Pronounced Slope	A	40	Wet	Poor	Black Spruce
1067999	27/06/2011	519936	7074499	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	10	Wet	Good	Black Spruce
1068000	27/06/2011	519948	7074548	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	A	20	Wet	Poor	Willows
1068174	27/06/2011	521450	7075060	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Dry	Poor	Willows
1068176	30/06/2011	515657	7065982	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Subtle Slope	O	50	Wet	Poor	No Tree Cover
1068177	30/06/2011	515627	7065942	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Subtle Slope	A	30	Wet	Poor	No Tree Cover
1068178	30/06/2011	515589	7065906	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	30	Wet	Poor	No Tree Cover
1068179	30/06/2011	515565	7065862	UTMZ7N_NAD83	Leaf Cover	Dark Brown	Sand	Subtle Slope	B	50	Wet	Good	No Tree Cover
1068180	30/06/2011	515541	7065815	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1068181	30/06/2011	515506	7065774	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Dry	Good	No Tree Cover
1068182	30/06/2011	515479	7065733	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	30	Wet	Poor	No Tree Cover
1068183	30/06/2011	515445	7065695	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Dry	Good	No Tree Cover
1068184	30/06/2011	515414	7065655	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Dry	Good	No Tree Cover
1068185	30/06/2011	515382	7065616	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	50	Wet	Excellent	Dwarf Birch
1068186	30/06/2011	515356	7065573	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	60	Dry	Excellent	No Tree Cover
1068187	30/06/2011	515327	7065532	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	Dwarf Birch
1068188	30/06/2011	515305	7065487	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Excellent	No Tree Cover
1068189	30/06/2011	515279	7065443	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Silt	Subtle Slope	A	30	Wet	Poor	Dwarf Birch
1068190	30/06/2011	515218	7065362	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	A	30	Wet	Poor	Dwarf Birch
1068191	30/06/2011	515191	7065315	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Dry	Good	No Tree Cover
1068192	30/06/2011	515167	7065270	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Subtle Slope	B	30	Wet	Good	Dwarf Birch
1068193	30/06/2011	515128	7065238	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Subtle Slope	B	30	Wet	Good	Dwarf Birch
1068194	30/06/2011	515083	7065208	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Wet	Excellent	Dwarf Birch
1068195	30/06/2011	515039	7065183	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	Dwarf Birch
1068196	30/06/2011	514996	7065154	UTMZ7N_NAD83	Grass Cover	Dark Brown	Silt	Subtle Slope	A	20	Wet	Poor	No Tree Cover
1068197	30/06/2011	514949	7065130	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Dwarf Birch
1068198	30/06/2011	514951	7065129	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Dwarf Birch
1068199	30/06/2011	514907	7065103	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Excellent	Dwarf Birch
1068200	30/06/2011	514863	7065076	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Excellent	Dwarf Birch
1068201	30/06/2011	514766	7065121	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Subtle Slope	A	30	Wet	Poor	No Tree Cover
1068202	30/06/2011	514721	7065144	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Clay	Subtle Slope	B	40	Damp	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1068203	30/06/2011	514677	7065165	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1068204	30/06/2011	514627	7065195	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1068206	30/06/2011	514591	7065207	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1068207	30/06/2011	514547	7065228	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1068251	26/06/2011	512853	7063275	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Dry	Good	No Tree Cover
1068252	26/06/2011	512818	7063237	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Clay	Flat	C	40	Damp	Good	No Tree Cover
1068253	26/06/2011	512784	7063199	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	C	40	Dry	Excellent	No Tree Cover
1068254	26/06/2011	512754	7063156	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	5	Dry	Poor	No Tree Cover
1068255	26/06/2011	512718	7063117	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	C	40	Dry	Good	No Tree Cover
1068256	26/06/2011	512685	7063079	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	C	40	Damp	Excellent	No Tree Cover
1068258	26/06/2011	512667	7063031	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	B	20	Damp	Good	No Tree Cover
1068259	26/06/2011	512655	7062982	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	C	50	Damp	Good	No Tree Cover
1068260	26/06/2011	512640	7062933	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	B	40	Damp	Good	No Tree Cover
1068261	26/06/2011	512628	7062882	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	B	30	Damp	Good	No Tree Cover
1068262	26/06/2011	512614	7062832	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	C	40	Damp	Good	No Tree Cover
1068263	26/06/2011	512602	7062783	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	20	Dry	Good	No Tree Cover
1068264	26/06/2011	512588	7062733	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Clay	Subtle Slope	C	20	Damp	Excellent	No Tree Cover
1068265	26/06/2011	512572	7062682	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Dry	Good	No Tree Cover
1068266	26/06/2011	512560	7062633	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	No Tree Cover
1068267	26/06/2011	512532	7062588	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1068268	26/06/2011	512489	7062519	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	No Tree Cover
1068269	29/06/2011	518221	7065744	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	No Tree Cover
1068270	29/06/2011	518393	7065562	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	40	Wet	Good	No Tree Cover
1068271	26/06/2011	512505	7062547	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	B	30	Damp	Good	No Tree Cover
1068301	01/07/2011	508203	7063825	UTMZ7N_NAD83	Burnt Moss	Bluish Grey	Sand	Subtle Slope	C	70	Dry	Excellent	Old Burn
1068302	01/07/2011	508178	7063869	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1068303	01/07/2011	508149	7063910	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Excellent	Old Burn
1068304	01/07/2011	508121	7063952	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1068305	01/07/2011	508098	7063996	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1068306	01/07/2011	508070	7064039	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Old Burn
1068307	01/07/2011	508043	7064082	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	C	50	Dry	Excellent	Old Burn
1068308	01/07/2011	508010	7064120	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	C	40	Dry	Excellent	Old Burn
1068309	01/07/2011	507969	7064152	UTMZ7N_NAD83	Burnt Moss	Reddish Orange	Sand	Subtle Slope	C	60	Dry	Excellent	Old Burn
1068310	01/07/2011	507927	7064181	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1068311	01/07/2011	507896	7064221	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1068312	01/07/2011	507853	7064250	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Subtle Slope	C	80	Dry	Excellent	Old Burn
1068313	01/07/2011	507811	7064278	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1068314	01/07/2011	507776	7064314	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Silt	Subtle Slope	A	40	Wet	Poor	Black Spruce
1068315	01/07/2011	507729	7064334	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Subtle Slope	C	40	Wet	Good	Black Spruce
1068316	01/07/2011	507692	7064369	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Wet	Good	Dwarf Birch
1068317	01/07/2011	507648	7064395	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	Black Spruce
1068318	01/07/2011	507616	7064435	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Subtle Slope	B	20	Wet	Good	Black Spruce
1068319	01/07/2011	507570	7064456	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Silt	Subtle Slope	A	30	Wet	Poor	Black Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1068320	01/07/2011	507487	7064511	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	Old Burn
1068321	01/07/2011	507460	7064555	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Good	Black Spruce
1068322	01/07/2011	507424	7064592	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	80	Wet	Good	Black Spruce
1068323	01/07/2011	507393	7064635	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	70	Wet	Good	Black Spruce
1068324	01/07/2011	507393	7064635	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	70	Wet	Good	Black Spruce
1068359	24/06/2011	516452	7056860	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	60	Dry	Excellent	No Tree Cover
1068360	24/06/2011	516443	7056911	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Dry	Good	No Tree Cover
1068361	24/06/2011	516419	7056957	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	60	Damp	Excellent	No Tree Cover
1068362	24/06/2011	516390	7057000	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Dry	Good	No Tree Cover
1068363	24/06/2011	516358	7057039	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	No Tree Cover
1068364	24/06/2011	516325	7057078	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Excellent	No Tree Cover
1068365	24/06/2011	516292	7057117	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Dry	Good	No Tree Cover
1068366	24/06/2011	516261	7057158	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1068367	24/06/2011	516227	7057198	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1068368	24/06/2011	516191	7057233	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Dry	Good	No Tree Cover
1068369	24/06/2011	516156	7057270	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1068370	24/06/2011	516135	7057317	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	30	Dry	Poor	No Tree Cover
1068371	24/06/2011	516137	7057367	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Excellent	No Tree Cover
1068372	24/06/2011	516131	7057418	UTMZ7N_NAD83	Rock Cover	Dark Brown	Clay	Pronounced Slope	B	20	Damp	Poor	No Tree Cover
1068373	24/06/2011	516129	7057469	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Pronounced Slope	B	30	Damp	Poor	No Tree Cover
1068374	24/06/2011	516148	7057516	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Excellent	No Tree Cover
1068375	24/06/2011	516171	7057561	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	No Tree Cover
1068376	24/06/2011	516191	7057607	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	No Tree Cover
1068377	24/06/2011	516215	7057652	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	B	40	Wet	Poor	No Tree Cover
1068378	24/06/2011	516235	7057698	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Good	No Tree Cover
1068379	24/06/2011	516258	7057743	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Flat	B	30	Wet	Poor	No Tree Cover
1068380	24/06/2011	516279	7057788	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Flat	B	60	Wet	Poor	No Tree Cover
1068381	24/06/2011	516301	7057833	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Good	No Tree Cover
1068383	30/06/2011	513978	7070392	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Poor	No Tree Cover
1068384	30/06/2011	513928	7070381	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Poor	No Tree Cover
1068385	30/06/2011	513877	7070372	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1068386	24/06/2011	514220	7059240	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Wet	Poor	Dwarf Birch
1068387	24/06/2011	514258	7059206	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1068388	24/06/2011	514295	7059173	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	B	70	Damp	Good	Dwarf Birch
1068389	24/06/2011	514326	7059132	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	B	40	Wet	Poor	Dwarf Birch
1068390	24/06/2011	514364	7059096	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	B	40	Damp	Poor	Dwarf Birch
1068391	24/06/2011	514365	7059036	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	B	50	Wet	Poor	Dwarf Birch
1068392	24/06/2011	514370	7058980	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	B	50	Wet	Good	Dwarf Birch
1068393	24/06/2011	514383	7058929	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	B	50	Wet	Good	Dwarf Birch
1068394	24/06/2011	514392	7058878	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1068395	24/06/2011	514420	7058781	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	30	Damp	Poor	Dwarf Birch
1068396	24/06/2011	514450	7058684	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Good	Dwarf Birch
1068397	24/06/2011	514465	7058638	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Good	Dwarf Birch

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1068398	24/06/2011	514478	7058587	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Wet	Poor	Dwarf Birch
1068399	24/06/2011	514491	7058536	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	30	Wet	Poor	Dwarf Birch
1068400	24/06/2011	514432	7058732	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	40	Wet	Good	Dwarf Birch
1068401	24/06/2011	514494	7058487	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	40	Wet	Good	Dwarf Birch
1068402	24/06/2011	514504	7058437	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	40	Wet	Poor	Dwarf Birch
1068403	24/06/2011	514520	7058389	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Wet	Poor	Dwarf Birch
1068404	24/06/2011	514525	7058341	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	50	Wet	Good	Dwarf Birch
1068405	24/06/2011	514547	7058293	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	30	Wet	Poor	Dwarf Birch
1068406	24/06/2011	514568	7058219	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Poor	Dwarf Birch
1068408	24/06/2011	514560	7058170	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	40	Damp	Poor	Dwarf Birch
1068409	24/06/2011	514549	7058119	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Subtle Slope	B	50	Damp	Good	Dwarf Birch
1068410	24/06/2011	514573	7058069	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	50	Damp	Good	Dwarf Birch
1068411	24/06/2011	514582	7058022	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1068412	24/06/2011	514584	7057968	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	B	50	Wet	Good	Dwarf Birch
1068413	24/06/2011	514571	7057921	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1068414	24/06/2011	514572	7057869	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	B	40	Dry	Good	Dwarf Birch
1068416	24/06/2011	514572	7057819	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1068417	24/06/2011	514569	7057770	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1068419	29/06/2011	518162	7065827	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Pronounced Slope	C	40	Damp	Poor	No Tree Cover
1068420	29/06/2011	518192	7065785	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	20	Damp	Good	No Tree Cover
1068421	24/06/2011	512926	7058625	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Wet	Good	Dwarf Birch
1068422	24/06/2011	512976	7058622	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1068423	24/06/2011	513026	7058622	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1068424	24/06/2011	513083	7058625	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Dry	Good	Dwarf Birch
1068425	24/06/2011	513129	7058628	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1068426	24/06/2011	513180	7058622	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Subtle Slope	B	40	Wet	Poor	Dwarf Birch
1068427	24/06/2011	513229	7058635	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	Dwarf Birch
1068428	24/06/2011	513282	7058633	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Subtle Slope	A	10	Wet	Good	Dwarf Birch
1068429	24/06/2011	513333	7058640	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1068430	24/06/2011	513383	7058647	UTMZ7N_NAD83	Grass Cover	Grey	Sand	Subtle Slope	B	20	Wet	Good	No Tree Cover
1068431	24/06/2011	513434	7058641	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Silt	Subtle Slope	A	20	Wet	Good	No Tree Cover
1068432	24/06/2011	513487	7058643	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Flat	A	20	Wet	Poor	No Tree Cover
1068433	24/06/2011	513536	7058647	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Flat	A	20	Wet	Poor	No Tree Cover
1068434	24/06/2011	513584	7058669	UTMZ7N_NAD83	Grass Cover	Grey	Sand	Flat	B	20	Wet	Good	No Tree Cover
1068435	24/06/2011	513629	7058689	UTMZ7N_NAD83	Grass Cover	Greyish Green	Sand	Flat	B	30	Wet	Good	No Tree Cover
1068436	24/06/2011	513676	7058700	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Flat	B	30	Damp	Good	Dwarf Birch
1068437	24/06/2011	513724	7058720	UTMZ7N_NAD83	Rock Cover	Reddish Orange	Sand	Pronounced Slope	B	20	Dry	Good	No Tree Cover
1068438	24/06/2011	513774	7058738	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Excellent	No Tree Cover
1068439	24/06/2011	513822	7058761	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Excellent	Dwarf Birch
1068440	24/06/2011	513871	7058780	UTMZ7N_NAD83	Thin Moss Cover	Reddish Orange	Sand	Pronounced Slope	C	30	Dry	Excellent	Dwarf Birch
1068441	24/06/2011	513900	7058823	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Excellent	Dwarf Birch
1068442	24/06/2011	513921	7058871	UTMZ7N_NAD83	Thin Moss Cover	Reddish Orange	Sand	Pronounced Slope	C	50	Damp	Good	No Tree Cover
1068443	24/06/2011	513934	7058922	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1068444	24/06/2011	513948	7058970	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Pronounced Slope	B	20	Dry	Good	Dwarf Birch
1068445	24/06/2011	513977	7059010	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	B	20	Dry	Good	Dwarf Birch
1068446	24/06/2011	513989	7059064	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Pronounced Slope	B	30	Damp	Good	Dwarf Birch
1068447	24/06/2011	514007	7059112	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Damp	Excellent	Dwarf Birch
1068449	24/06/2011	514037	7059154	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Excellent	Dwarf Birch
1068451	24/06/2011	514077	7059189	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1068452	24/06/2011	514118	7059227	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Dwarf Birch
1068453	24/06/2011	514164	7059256	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Damp	Excellent	Dwarf Birch
1068456	24/06/2011	516766	7059343	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Flat	B	20	Damp	Poor	No Tree Cover
1068457	24/06/2011	516741	7059296	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Flat	B	30	Damp	Poor	No Tree Cover
1068458	24/06/2011	516720	7059250	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Flat	B	30	Damp	Poor	No Tree Cover
1068459	24/06/2011	516696	7059205	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Subtle Slope	B	30	Damp	Poor	No Tree Cover
1068460	24/06/2011	516672	7059161	UTMZ7N_NAD83	Rock Cover	Dark Brown	Clay	Subtle Slope	B	40	Damp	Poor	No Tree Cover
1068461	24/06/2011	516653	7059115	UTMZ7N_NAD83	Rock Cover	Dark Brown	Clay	Subtle Slope	C	30	Damp	Poor	No Tree Cover
1068462	24/06/2011	516629	7059070	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	30	Damp	Poor	No Tree Cover
1068463	24/06/2011	516609	7059023	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1068464	24/06/2011	516583	7058979	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	60	Damp	Good	No Tree Cover
1068465	24/06/2011	516560	7058933	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Poor	No Tree Cover
1068466	24/06/2011	516530	7058895	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Poor	No Tree Cover
1068467	24/06/2011	516510	7058848	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	50	Dry	Good	No Tree Cover
1068468	24/06/2011	516487	7058803	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1068469	24/06/2011	516469	7058756	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1068470	24/06/2011	516439	7058715	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Pronounced Slope	C	50	Damp	Excellent	No Tree Cover
1068471	24/06/2011	516428	7058664	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	No Tree Cover
1068472	24/06/2011	516415	7058616	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	No Tree Cover
1068473	24/06/2011	516408	7058566	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Poor	No Tree Cover
1068474	24/06/2011	516398	7058516	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1068475	24/06/2011	516388	7058467	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1068476	24/06/2011	516384	7058416	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Good	No Tree Cover
1068477	24/06/2011	516369	7058367	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	No Tree Cover
1068478	24/06/2011	516359	7058318	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Poor	No Tree Cover
1068479	24/06/2011	516337	7058277	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1068480	24/06/2011	516348	7058225	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	No Tree Cover
1068481	24/06/2011	516344	7058175	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Pronounced Slope	C	50	Wet	Poor	No Tree Cover
1068482	24/06/2011	516341	7058124	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1068483	24/06/2011	516337	7058075	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1068484	24/06/2011	516331	7058020	UTMZ7N_NAD83	Thin Moss Cover	Grey	Clay	Subtle Slope	B	50	Wet	Poor	No Tree Cover
1068485	24/06/2011	516320	7057919	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	No Tree Cover
1068487	25/06/2011	515193	7061463	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Flat	C	20	Dry	Good	No Tree Cover
1068488	25/06/2011	515185	7061413	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Flat	B	40	Damp	Good	No Tree Cover
1068489	25/06/2011	515173	7061365	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1068490	24/06/2011	516386	7058469	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	No Tree Cover
1068491	24/06/2011	516287	7059849	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Flat	C	30	Wet	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1068492	24/06/2011	516335	7059833	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Flat	C	30	Damp	Good	No Tree Cover
1068493	24/06/2011	516384	7059815	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Flat	B	40	Wet	Good	No Tree Cover
1068494	24/06/2011	516432	7059800	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1068495	24/06/2011	516481	7059782	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	40	Damp	Good	No Tree Cover
1068496	24/06/2011	516530	7059763	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Flat	C	50	Damp	Good	No Tree Cover
1068497	24/06/2011	516579	7059748	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Clay	Flat	C	50	Damp	Excellent	No Tree Cover
1068499	24/06/2011	516629	7059731	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Poor	No Tree Cover
1068500	24/06/2011	516661	7059692	UTMZ7N_NAD83	Thin Moss Cover	Dark Grey Black	Clay	Subtle Slope	B	50	Damp	Good	No Tree Cover
1068501	23/06/2011	511720	7078886	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1068502	23/06/2011	511743	7078932	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1068503	23/06/2011	511776	7078969	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Subtle Slope	C	10	Damp	Excellent	No Tree Cover
1068504	23/06/2011	511814	7079007	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1068505	23/06/2011	511855	7079037	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1068506	23/06/2011	511898	7079064	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Damp	Good	No Tree Cover
1068507	23/06/2011	511949	7079061	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	Dwarf Birch
1068508	23/06/2011	512000	7079059	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	20	Damp	Excellent	Dwarf Birch
1068509	23/06/2011	512051	7079056	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	60	Damp	Good	Dwarf Birch
1068510	23/06/2011	512103	7079052	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Damp	Good	Dwarf Birch
1068511	23/06/2011	512153	7079056	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Damp	Good	Dwarf Birch
1068512	23/06/2011	512202	7079070	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1068513	23/06/2011	512252	7079076	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1068514	23/06/2011	512299	7079094	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Wet	Good	Old Burn
1068515	23/06/2011	512351	7079098	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1068516	23/06/2011	512390	7079128	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Sand	Subtle Slope	C	50	Wet	Good	Dwarf Birch
1068517	23/06/2011	512408	7079175	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1068518	23/06/2011	512418	7079226	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	Dwarf Birch
1068519	23/06/2011	512443	7079272	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	Dwarf Birch
1068520	23/06/2011	512460	7079321	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	Dwarf Birch
1068521	23/06/2011	512498	7079356	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Dwarf Birch
1068522	23/06/2011	512546	7079373	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1068523	23/06/2011	512589	7079400	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1068524	23/06/2011	512636	7079416	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Old Burn
1068525	23/06/2011	512680	7079442	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1068526	23/06/2011	512727	7079464	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1068528	23/06/2011	512771	7079490	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Subtle Slope	C	70	Damp	Excellent	Old Burn
1068530	24/06/2011	514152	7060523	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1068531	25/06/2011	515078	7063052	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1068532	25/06/2011	515026	7063060	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1068533	25/06/2011	514982	7063077	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Poor	No Tree Cover
1068534	25/06/2011	514927	7063069	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1068535	25/06/2011	514881	7063088	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	No Tree Cover
1068536	25/06/2011	514832	7063098	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Pronounced Slope	B	50	Damp	Good	No Tree Cover
1068537	25/06/2011	514780	7063103	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	70	Damp	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1068538	25/06/2011	514733	7063112	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	No Tree Cover
1068539	25/06/2011	514679	7063107	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	No Tree Cover
1068540	25/06/2011	514630	7063131	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	No Tree Cover
1068541	25/06/2011	514583	7063129	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	70	Damp	Good	No Tree Cover
1068542	25/06/2011	514534	7063154	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Wet	Good	No Tree Cover
1068543	25/06/2011	514484	7063157	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1068544	25/06/2011	514436	7063172	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Pronounced Slope	C	50	Damp	Good	No Tree Cover
1068545	25/06/2011	514386	7063180	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1068546	25/06/2011	514337	7063190	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	No Tree Cover
1068547	25/06/2011	514286	7063195	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Good	No Tree Cover
1068549	25/06/2011	514238	7063210	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1068550	25/06/2011	514190	7063220	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1068551	25/06/2011	514143	7063242	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Excellent	No Tree Cover
1068552	25/06/2011	514097	7063258	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1068553	25/06/2011	514048	7063274	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1068554	25/06/2011	514000	7063291	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Excellent	No Tree Cover
1068555	25/06/2011	513952	7063302	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1068556	25/06/2011	513904	7063321	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1068557	25/06/2011	513856	7063332	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	No Tree Cover
1068558	25/06/2011	513806	7063354	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	90	Damp	Excellent	No Tree Cover
1068559	25/06/2011	513762	7063370	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	70	Damp	Good	No Tree Cover
1068573	25/06/2011	516124	7063012	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	B	40	Wet	Good	No Tree Cover
1068574	25/06/2011	516148	7062969	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	C	40	Wet	Good	No Tree Cover
1068575	25/06/2011	516164	7062922	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Pronounced Slope	C	30	Damp	Good	No Tree Cover
1068576	25/06/2011	516190	7062879	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Clay	Subtle Slope	C	40	Wet	Good	No Tree Cover
1068577	25/06/2011	516212	7062835	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Clay	Subtle Slope	C	40	Wet	Good	No Tree Cover
1068578	25/06/2011	516232	7062790	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	No Tree Cover
1068579	25/06/2011	516266	7062752	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Silt	Subtle Slope	B	20	Dry	Good	No Tree Cover
1068580	25/06/2011	516289	7062708	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	No Tree Cover
1068581	25/06/2011	516318	7062667	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Good	No Tree Cover
1068582	25/06/2011	516351	7062630	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1068583	25/06/2011	516378	7062588	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	20	Damp	Good	No Tree Cover
1068584	25/06/2011	516415	7062556	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1068585	25/06/2011	516457	7062529	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1068586	25/06/2011	516490	7062492	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1068587	25/06/2011	516535	7062404	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1068588	25/06/2011	516562	7062362	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1068589	25/06/2011	516580	7062316	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Pronounced Slope	B	20	Dry	Good	No Tree Cover
1068590	25/06/2011	516603	7062271	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1068591	25/06/2011	516630	7062229	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1068592	25/06/2011	516656	7062187	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Pronounced Slope	B	30	Dry	Good	No Tree Cover
1068593	25/06/2011	516682	7062145	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Pronounced Slope	B	30	Dry	Good	No Tree Cover
1068594	25/06/2011	516696	7062096	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Pronounced Slope	B	30	Dry	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1068595	25/06/2011	516729	7062060	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Pronounced Slope	B	30	Dry	Good	No Tree Cover
1068597	25/06/2011	516757	7062019	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Pronounced Slope	B	30	Dry	Good	No Tree Cover
1068598	25/06/2011	516789	7061982	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Pronounced Slope	B	40	Dry	Good	No Tree Cover
1068601	24/06/2011	515937	7059934	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1068602	24/06/2011	515913	7059890	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1068603	24/06/2011	515885	7059847	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	No Tree Cover
1068605	24/06/2011	515859	7059805	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	No Tree Cover
1068606	24/06/2011	515831	7059764	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	No Tree Cover
1068607	24/06/2011	515806	7059720	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Good	No Tree Cover
1068608	24/06/2011	515779	7059676	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1068609	24/06/2011	515754	7059633	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1068610	24/06/2011	515730	7059589	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1068611	24/06/2011	515690	7059558	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	60	Damp	Good	No Tree Cover
1068612	24/06/2011	515672	7059508	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	No Tree Cover
1068613	24/06/2011	515645	7059466	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1068614	24/06/2011	515622	7059421	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1068615	24/06/2011	515569	7059397	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	No Tree Cover
1068616	24/06/2011	515566	7059339	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1068617	24/06/2011	515552	7059289	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1068618	24/06/2011	515533	7059240	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Wet	Excellent	No Tree Cover
1068619	24/06/2011	515518	7059192	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1068620	24/06/2011	515500	7059144	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	70	Damp	Excellent	No Tree Cover
1068621	24/06/2011	515480	7059097	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	No Tree Cover
1068622	24/06/2011	515460	7059054	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1068623	24/06/2011	515454	7059002	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1068624	24/06/2011	515434	7058960	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	No Tree Cover
1068625	24/06/2011	515445	7058910	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1068626	24/06/2011	515452	7058865	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1068627	24/06/2011	515472	7058817	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1068628	24/06/2011	515481	7058766	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	80	Damp	Excellent	No Tree Cover
1068629	24/06/2011	515489	7058718	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	No Tree Cover
1068630	24/06/2011	515495	7058668	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1068631	24/06/2011	515518	7058623	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1068632	24/06/2011	515520	7058570	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1068633	24/06/2011	515534	7058527	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1068634	26/06/2011	509168	7062609	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Willows
1068636	24/06/2011	515101	7060827	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Clay	Subtle Slope	B	10	Damp	Good	No Tree Cover
1068637	24/06/2011	515090	7060778	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Clay	Subtle Slope	B	10	Damp	Poor	No Tree Cover
1068638	24/06/2011	515109	7060733	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	No Tree Cover
1068639	24/06/2011	515119	7060684	UTMZ7N_NAD83	Rock Cover	Dark Brown	Clay	Subtle Slope	O	10	Damp	Poor	No Tree Cover
1068640	24/06/2011	515158	7060653	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1068641	24/06/2011	515184	7060610	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1068642	24/06/2011	515212	7060569	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1068643	24/06/2011	515233	7060524	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	No Tree Cover
1068644	24/06/2011	515269	7060490	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	20	Dry	Good	No Tree Cover
1068645	24/06/2011	515313	7060464	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Flat	B	20	Damp	Good	No Tree Cover
1068646	24/06/2011	515337	7060420	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Grey	Sand	Flat	C	30	Damp	Good	No Tree Cover
1068647	24/06/2011	515365	7060380	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Grey	Sand	Flat	C	30	Damp	Good	No Tree Cover
1068648	24/06/2011	515396	7060341	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Greyish Green	Sand	Flat	C	30	Wet	Good	No Tree Cover
1068649	24/06/2011	515426	7060300	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Flat	C	30	Damp	Good	No Tree Cover
1068650	24/06/2011	515455	7060261	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Flat	B	10	Wet	Poor	No Tree Cover
1068651	24/06/2011	515484	7060220	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Flat	B	10	Damp	Poor	No Tree Cover
1068652	24/06/2011	515535	7060135	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1068653	24/06/2011	515573	7060101	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	No Tree Cover
1068654	24/06/2011	515622	7060089	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Wet	Good	No Tree Cover
1068655	24/06/2011	515666	7060068	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Flat	B	40	Wet	Good	No Tree Cover
1068656	24/06/2011	515707	7060041	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Flat	B	20	Damp	Good	No Tree Cover
1068657	24/06/2011	515754	7060022	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Flat	B	10	Dry	Good	No Tree Cover
1068658	24/06/2011	515800	7060004	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Dry	Good	No Tree Cover
1068659	24/06/2011	515847	7059984	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	30	Damp	Good	No Tree Cover
1068660	24/06/2011	515893	7059965	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Flat	B	40	Wet	Good	No Tree Cover
1068661	24/06/2011	515939	7059942	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Flat	B	50	Damp	Good	No Tree Cover
1068662	24/06/2011	516028	7059898	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	10	Damp	Poor	No Tree Cover
1068663	24/06/2011	515982	7059919	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Flat	B	10	Damp	Good	No Tree Cover
1068664	24/06/2011	516077	7059887	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1068665	24/06/2011	516126	7059876	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1068666	24/06/2011	516174	7059870	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	20	Dry	Good	No Tree Cover
1068667	24/06/2011	516222	7059858	UTMZ7N_NAD83	Rock Cover	Reddish Brown	Clay	Flat	B	20	Damp	Good	No Tree Cover
1068668	24/06/2011	516222	7059858	UTMZ7N_NAD83	Rock Cover	Reddish Brown	Clay	Flat	B	20	Damp	Good	No Tree Cover
1068671	24/06/2011	512292	7059815	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Clay	Subtle Slope	B	30	Wet	Good	Willows
1068672	24/06/2011	512288	7059765	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Grey Black	Clay	Subtle Slope	B	40	Damp	Good	Willows
1068673	24/06/2011	512269	7059719	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Willows
1068674	24/06/2011	512255	7059671	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1068675	24/06/2011	512248	7059621	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Wet	Good	Willows
1068676	24/06/2011	512232	7059574	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	No Tree Cover
1068677	24/06/2011	512220	7059524	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1068678	24/06/2011	512207	7059476	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	No Tree Cover
1068679	24/06/2011	512194	7059427	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1068680	24/06/2011	512188	7059375	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Good	Dwarf Birch
1068681	24/06/2011	512187	7059325	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	White Spruce
1068682	24/06/2011	512212	7059280	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Dwarf Birch
1068683	24/06/2011	512212	7059280	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Dwarf Birch
1068684	24/06/2011	512230	7059233	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	Dwarf Birch
1068685	24/06/2011	512255	7059191	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	No Tree Cover
1068686	24/06/2011	512281	7059146	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Poor	No Tree Cover
1068687	24/06/2011	512298	7059098	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Subtle Slope	B	20	Damp	Good	Willows

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1068688	24/06/2011	512326	7059055	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Dwarf Birch
1068689	24/06/2011	512355	7059012	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Birch Forest
1068690	24/06/2011	512380	7058969	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1068691	24/06/2011	512415	7058932	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Birch Forest
1068692	24/06/2011	512459	7058904	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	20	Dry	Good	Dwarf Birch
1068693	24/06/2011	512500	7058875	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Dwarf Birch
1068694	24/06/2011	512544	7058849	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Dwarf Birch
1068695	24/06/2011	512584	7058820	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1068696	24/06/2011	512626	7058788	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Dwarf Birch
1068697	24/06/2011	512666	7058761	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Dwarf Birch
1068698	24/06/2011	512709	7058735	UTMZ7N_NAD83	Thin Moss Cover	Dark Grey Black	Sand	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1068699	24/06/2011	512748	7058703	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	Willows
1068700	24/06/2011	512789	7058676	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	Willows
1068701	24/06/2011	512826	7058641	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Willows
1068702	24/06/2011	512872	7058618	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Dwarf Birch
1068703	27/06/2011	520172	7067352	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1068704	27/06/2011	519625	7066734	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	20	Dry	Poor	No Tree Cover
1068706	24/06/2011	514106	7060503	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1068707	24/06/2011	514059	7060482	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1068708	24/06/2011	514019	7060449	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1068709	24/06/2011	513979	7060415	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	No Tree Cover
1068710	24/06/2011	513937	7060387	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	No Tree Cover
1068711	24/06/2011	513905	7060348	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	No Tree Cover
1068712	24/06/2011	513861	7060322	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	No Tree Cover
1068713	24/06/2011	513813	7060300	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Good	No Tree Cover
1068714	24/06/2011	513765	7060278	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Good	No Tree Cover
1068715	24/06/2011	513720	7060251	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Flat	C	50	Damp	Good	No Tree Cover
1068716	24/06/2011	513673	7060228	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Good	No Tree Cover
1068717	24/06/2011	513627	7060205	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	20	Damp	Good	No Tree Cover
1068718	24/06/2011	513577	7060191	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1068719	24/06/2011	513538	7060161	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	C	30	Damp	Good	No Tree Cover
1068720	24/06/2011	513517	7060115	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Pronounced Slope	C	5	Damp	Excellent	No Tree Cover
1068721	24/06/2011	513494	7060067	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Pronounced Slope	C	10	Dry	Excellent	No Tree Cover
1068722	24/06/2011	513485	7060016	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Flat	C	30	Damp	Good	No Tree Cover
1068723	24/06/2011	513468	7059968	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Flat	C	10	Damp	Good	No Tree Cover
1068724	24/06/2011	513445	7059921	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	C	20	Damp	Good	No Tree Cover
1068725	24/06/2011	513411	7059883	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Pronounced Slope	C	40	Damp	Good	No Tree Cover
1068726	24/06/2011	513389	7059836	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Steep	B	5	Damp	Good	No Tree Cover
1068727	24/06/2011	513380	7059783	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	5	Damp	Good	No Tree Cover
1068728	24/06/2011	513348	7059740	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	No Tree Cover
1068729	24/06/2011	513310	7059705	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Pronounced Slope	B	70	Damp	Good	No Tree Cover
1068730	24/06/2011	513307	7059653	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	C	50	Damp	Good	No Tree Cover
1068731	24/06/2011	513284	7059607	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Flat	C	50	Damp	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1068732	24/06/2011	513266	7059557	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Damp	Good	No Tree Cover
1068733	24/06/2011	513237	7059516	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Damp	Good	No Tree Cover
1068734	24/06/2011	513217	7059469	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Damp	Good	No Tree Cover
1068735	24/06/2011	513184	7059431	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	50	Damp	Good	No Tree Cover
1068736	25/06/2011	517028	7065199	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	50	Damp	Excellent	No Tree Cover
1068737	25/06/2011	517010	7065151	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	60	Damp	Excellent	No Tree Cover
1068738	25/06/2011	516995	7065101	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Flat	C	50	Damp	Excellent	No Tree Cover
1068739	25/06/2011	516975	7065052	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	50	Damp	Excellent	No Tree Cover
1068740	25/06/2011	516953	7065006	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	80	Damp	Excellent	No Tree Cover
1068741	25/06/2011	516860	7064410	UTMZ7N_NAD83	Rock Cover	Reddish Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1068742	25/06/2011	516883	7064367	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Dry	Good	No Tree Cover
1068743	25/06/2011	516916	7064329	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	No Tree Cover
1068744	25/06/2011	516948	7064292	UTMZ7N_NAD83	Rock Cover	Reddish Brown	Sand	Subtle Slope	B	20	Dry	Good	No Tree Cover
1068745	25/06/2011	516982	7064257	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Damp	Good	No Tree Cover
1068747	25/06/2011	517015	7064219	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1068748	25/06/2011	517050	7064183	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1068749	25/06/2011	517078	7064143	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1068750	25/06/2011	517113	7064109	UTMZ7N_NAD83	Rock Cover	Reddish Yellow	Sand	Pronounced Slope	C	60	Dry	Excellent	No Tree Cover
1068851	02/07/2011	509985	7077614	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Silt	Subtle Slope	B	30	Wet	Poor	Willows
1068852	02/07/2011	510031	7077593	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Silt	Subtle Slope	B	20	Wet	Poor	Willows
1068853	02/07/2011	510080	7077580	UTMZ7N_NAD83	Grass Cover	Light Brown	Silt	Subtle Slope	B	20	Wet	Good	Willows
1068854	02/07/2011	510127	7077565	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	B	20	Damp	Good	Willows
1068855	02/07/2011	510173	7077550	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	B	20	Damp	Good	Willows
1068856	02/07/2011	510221	7077537	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1068857	02/07/2011	510263	7077508	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	B	10	Damp	Good	No Tree Cover
1068858	02/07/2011	510882	7077238	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	B	20	Damp	Good	Willows
1068859	02/07/2011	510305	7077480	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	B	10	Damp	Good	No Tree Cover
1068860	02/07/2011	510346	7077449	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	B	10	Dry	Good	No Tree Cover
1068861	02/07/2011	510371	7077407	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Dry	Good	No Tree Cover
1068862	02/07/2011	510411	7077376	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	B	20	Dry	Good	No Tree Cover
1068863	02/07/2011	510448	7077343	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	B	20	Dry	Good	No Tree Cover
1068864	02/07/2011	510485	7077307	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1068865	02/07/2011	510535	7077299	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	B	20	Damp	Good	Black Spruce
1068866	02/07/2011	510586	7077289	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	20	Wet	Good	Black Spruce
1068867	02/07/2011	510634	7077278	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Willows
1068868	02/07/2011	510684	7077268	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Good	Willows
1068869	02/07/2011	510734	7077262	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	B	20	Damp	Good	Willows
1068870	02/07/2011	510783	7077252	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	20	Damp	Good	Willows
1068871	02/07/2011	510833	7077241	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	20	Damp	Good	Willows
1068901	25/06/2011	517135	7064065	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1068902	25/06/2011	517164	7064024	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Wet	Good	No Tree Cover
1068903	25/06/2011	517189	7063982	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1068904	25/06/2011	517214	7063937	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Wet	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1068905	25/06/2011	517238	7063894	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1068906	25/06/2011	517263	7063853	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	No Tree Cover
1068907	25/06/2011	517294	7063814	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1068908	25/06/2011	517320	7063771	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1068909	25/06/2011	517342	7063726	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	No Tree Cover
1068910	25/06/2011	517370	7063685	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1068911	25/06/2011	517397	7063643	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	B	20	Damp	Good	No Tree Cover
1068912	25/06/2011	517424	7063600	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	B	10	Dry	Good	No Tree Cover
1068913	25/06/2011	517445	7063555	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	B	20	Dry	Good	No Tree Cover
1068914	25/06/2011	517467	7063510	UTMZ7N_NAD83	Rock Cover	Dark Blue Black	Sand	Pronounced Slope	B	20	Damp	Good	No Tree Cover
1068915	25/06/2011	517501	7063476	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	B	20	Dry	Good	No Tree Cover
1068916	25/06/2011	517518	7063430	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Clay	Pronounced Slope	B	20	Damp	Good	No Tree Cover
1068917	25/06/2011	517537	7063384	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	B	20	Dry	Good	No Tree Cover
1068918	25/06/2011	517558	7063339	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	B	10	Dry	Good	No Tree Cover
1068919	25/06/2011	517576	7063293	UTMZ7N_NAD83	Rock Cover	Reddish Brown	Sand	Pronounced Slope	B	20	Dry	Good	No Tree Cover
1068920	25/06/2011	517588	7063245	UTMZ7N_NAD83	Rock Cover	Reddish Brown	Clay	Pronounced Slope	B	20	Damp	Good	No Tree Cover
1068921	25/06/2011	517617	7063150	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	Willows
1068922	25/06/2011	517635	7063104	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Dry	Poor	Willows
1068923	25/06/2011	517635	7063054	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Willows
1068926	27/06/2011	519966	7074595	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	Willows
1068927	27/06/2011	519988	7074641	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Pronounced Slope	A	40	Wet	Poor	Willows
1068928	27/06/2011	520020	7074682	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	B	10	Wet	Good	Willows
1068929	27/06/2011	520049	7074724	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	10	Wet	Good	Willows
1068930	27/06/2011	520079	7074766	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Pronounced Slope	B	20	Wet	Poor	Willows
1068931	27/06/2011	520105	7074811	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Pronounced Slope	B	20	Wet	Poor	Willows
1068932	27/06/2011	520128	7074856	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Wet	Good	Willows
1068933	27/06/2011	520148	7074902	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Pronounced Slope	B	10	Wet	Poor	Willows
1068934	27/06/2011	520184	7074995	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	10	Damp	Good	Willows
1068935	27/06/2011	520200	7075043	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	30	Wet	Good	Willows
1068936	27/06/2011	520214	7075092	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	30	Wet	Good	Willows
1068937	27/06/2011	520230	7075141	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	10	Damp	Good	Willows
1068938	27/06/2011	520243	7075187	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	20	Wet	Good	Willows
1068939	27/06/2011	520257	7075237	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	40	Wet	Good	Willows
1068940	27/06/2011	520270	7075284	UTMZ7N_NAD83	Thin Moss Cover	Dark Blue Black	Sand	Pronounced Slope	B	20	Wet	Good	Willows
1068941	27/06/2011	520286	7075330	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Pronounced Slope	A	20	Damp	Poor	Willows
1068942	27/06/2011	520297	7075380	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Pronounced Slope	A	10	Damp	Poor	Willows
1068943	27/06/2011	520318	7075482	UTMZ7N_NAD83	Rock Cover	Dark Blue Black	Silt	Pronounced Slope	B	40	Wet	Poor	Willows
1068944	27/06/2011	520327	7075536	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Flat	B	20	Wet	Good	Willows
1068951	22/06/2011	515510	7083357	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Clay	Subtle Slope	C	40	Damp	Good	Old Burn
1068952	22/06/2011	515530	7083310	UTMZ7N_NAD83	Burnt Moss	Light Brown	Clay	Subtle Slope	C	40	Damp	Good	Old Burn
1068953	22/06/2011	515546	7083262	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Clay	Subtle Slope	C	30	Damp	Good	Old Burn
1068954	22/06/2011	515564	7083216	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Clay	Subtle Slope	C	30	Damp	Good	Old Burn
1068955	22/06/2011	515584	7083170	UTMZ7N_NAD83	Burnt Moss	Light Brown	Clay	Subtle Slope	C	20	Damp	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1068956	22/06/2011	515620	7083134	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Old Burn
1068957	22/06/2011	515637	7083088	UTMZ7N_NAD83	Burnt Moss	Light Brown	Clay	Subtle Slope	C	30	Damp	Good	Old Burn
1068958	22/06/2011	515648	7083039	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1068959	22/06/2011	515658	7082991	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1068960	22/06/2011	515671	7082942	UTMZ7N_NAD83	Thin Moss Cover	Reddish Orange	Sand	Subtle Slope	C	20	Damp	Good	Old Burn
1068961	22/06/2011	515694	7082898	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Clay	Subtle Slope	C	30	Damp	Good	Old Burn
1068962	22/06/2011	515709	7082851	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1068963	22/06/2011	515728	7082804	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Clay	Subtle Slope	B	30	Damp	Good	Old Burn
1068964	22/06/2011	515753	7082761	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1068965	22/06/2011	515782	7082720	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Poor	Old Burn
1068966	22/06/2011	515794	7082672	UTMZ7N_NAD83	Needle Cover	Reddish Brown	Sand	Subtle Slope	C	40	Damp	Good	White Spruce
1068967	22/06/2011	515811	7082623	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Sand	Subtle Slope	C	30	Dry	Excellent	Willows
1068968	22/06/2011	515840	7082582	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Silt	Subtle Slope	C	40	Damp	Good	Willows
1068969	22/06/2011	515862	7082538	UTMZ7N_NAD83	Thin Moss Cover	Reddish Orange	Sand	Subtle Slope	C	20	Damp	Good	Willows
1068970	22/06/2011	515879	7082491	UTMZ7N_NAD83	Burnt Moss	Grey	Sand	Subtle Slope	C	30	Dry	Excellent	Old Burn
1068971	22/06/2011	515884	7082442	UTMZ7N_NAD83	Thin Moss Cover	Reddish Orange	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1068972	22/06/2011	515895	7082393	UTMZ7N_NAD83	Needle Cover	Reddish Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1068973	22/06/2011	515898	7082343	UTMZ7N_NAD83	Thin Moss Cover	Reddish Orange	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1068974	22/06/2011	515909	7082294	UTMZ7N_NAD83	Burnt Moss	Reddish Orange	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1068975	22/06/2011	515919	7082246	UTMZ7N_NAD83	Needle Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	White Spruce
1068976	22/06/2011	515926	7082196	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Good	White Spruce
1068977	22/06/2011	515933	7082147	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1068978	22/06/2011	515936	7082097	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1068979	22/06/2011	515953	7082050	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Old Burn
1068980	22/06/2011	515964	7082001	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Clay	Subtle Slope	C	30	Damp	Good	Old Burn
1068982	22/06/2011	515977	7081952	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1068984	22/06/2011	515995	7081904	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Old Burn
1068986	27/06/2011	520213	7066989	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1068987	27/06/2011	520205	7067039	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Wet	Good	Dwarf Birch
1068988	27/06/2011	520215	7067088	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	Dwarf Birch
1068989	27/06/2011	520226	7067138	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1068990	27/06/2011	520238	7067190	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1068991	27/06/2011	520249	7067238	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Dry	Poor	No Tree Cover
1068992	27/06/2011	520254	7067289	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Good	No Tree Cover
1068993	27/06/2011	520214	7067321	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Subtle Slope	B	60	Damp	Good	Dwarf Birch
1068995	27/06/2011	519709	7066976	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	30	Damp	Good	Dwarf Birch
1068996	27/06/2011	519689	7066928	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Flat	C	50	Damp	Good	Dwarf Birch
1068997	27/06/2011	520133	7067385	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	No Tree Cover
1068998	27/06/2011	520088	7067411	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	No Tree Cover
1068999	27/06/2011	520036	7067411	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	Dwarf Birch
1069000	27/06/2011	519985	7067406	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1069001	23/06/2011	512220	7079155	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Excellent	Dwarf Birch
1069002	23/06/2011	512246	7079200	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	Dwarf Birch

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1069003	23/06/2011	512270	7079244	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1069004	23/06/2011	512286	7079293	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Dwarf Birch
1069005	23/06/2011	512318	7079332	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	Dwarf Birch
1069006	23/06/2011	512349	7079373	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1069007	23/06/2011	512374	7079418	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1069008	23/06/2011	512393	7079465	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1069009	23/06/2011	512417	7079510	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	80	Damp	Excellent	Dwarf Birch
1069010	23/06/2011	512445	7079552	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Dwarf Birch
1069011	23/06/2011	512470	7079596	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Dwarf Birch
1069012	23/06/2011	512493	7079641	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1069013	23/06/2011	512507	7079690	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1069014	23/06/2011	512527	7079737	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1069015	23/06/2011	512540	7079785	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1069016	23/06/2011	512560	7079832	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Wet	Good	Dwarf Birch
1069017	23/06/2011	512574	7079881	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Dwarf Birch
1069018	23/06/2011	512590	7079928	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Dwarf Birch
1069019	23/06/2011	512605	7079977	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Wet	Good	Dwarf Birch
1069020	23/06/2011	512617	7080026	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Black Spruce
1069021	23/06/2011	512639	7080072	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	30	Wet	Poor	Black Spruce
1069022	23/06/2011	512657	7080119	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Black Spruce
1069023	23/06/2011	512675	7080168	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Black Spruce
1069024	23/06/2011	512693	7080216	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Poor	Black Spruce
1069025	23/06/2011	512708	7080264	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Black Spruce
1069026	23/06/2011	512729	7080312	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Black Spruce
1069027	23/06/2011	512747	7080360	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Good	Black Spruce
1069028	23/06/2011	512766	7080407	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Black Spruce
1069029	23/06/2011	512790	7080453	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Black Spruce
1069030	23/06/2011	512816	7080498	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Wet	Good	Black Spruce
1069031	23/06/2011	512844	7080533	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Good	Black Spruce
1069032	23/06/2011	512874	7080580	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Black Spruce
1069034	29/06/2011	518100	7065916	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Dry	Poor	No Tree Cover
1069035	29/06/2011	518124	7065873	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Pronounced Slope	B	40	Damp	Poor	No Tree Cover
1069036	23/06/2011	512418	7079016	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Clay	Subtle Slope	C	40	Damp	Excellent	Old Burn
1069037	23/06/2011	512464	7078996	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	C	50	Wet	Good	Dwarf Birch
1069038	23/06/2011	512511	7078974	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Clay	Flat	C	40	Damp	Excellent	Old Burn
1069039	23/06/2011	512559	7078952	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Clay	Pronounced Slope	B	30	Damp	Good	Old Burn
1069040	23/06/2011	512605	7078930	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Clay	Subtle Slope	C	30	Damp	Excellent	Old Burn
1069042	23/06/2011	512654	7078908	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Clay	Flat	C	30	Damp	Good	Old Burn
1069043	23/06/2011	512702	7078885	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Clay	Flat	C	30	Damp	Excellent	Old Burn
1069044	23/06/2011	512752	7078876	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	30	Damp	Excellent	Old Burn
1069045	23/06/2011	512802	7078861	UTMZ7N_NAD83	Bare Soil	Reddish Orange	Sand	Subtle Slope	C	30	Damp	Excellent	Old Burn
1069046	23/06/2011	512852	7078849	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Clay	Subtle Slope	C	30	Damp	Excellent	Old Burn
1069047	23/06/2011	512901	7078838	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Sand	Pronounced Slope	C	20	Damp	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1069048	23/06/2011	512949	7078826	UTMZ7N_NAD83	Bare Soil	Light Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1069049	23/06/2011	512999	7078810	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Clay	Subtle Slope	C	40	Damp	Good	Old Burn
1069050	23/06/2011	513050	7078800	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Clay	Subtle Slope	C	30	Damp	Good	Old Burn
1069051	23/06/2011	513101	7078789	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Clay	Subtle Slope	C	40	Damp	Good	Old Burn
1069052	23/06/2011	513153	7078785	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Clay	Subtle Slope	C	40	Wet	Good	Old Burn
1069053	23/06/2011	513201	7078780	UTMZ7N_NAD83	Bare Soil	Light Brown	Clay	Subtle Slope	C	40	Wet	Good	Old Burn
1069054	23/06/2011	513251	7078775	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Clay	Flat	C	50	Damp	Good	Old Burn
1069055	23/06/2011	513303	7078766	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Clay	Flat	C	30	Damp	Good	Old Burn
1069056	23/06/2011	513354	7078762	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Clay	Flat	C	40	Damp	Good	Old Burn
1069057	23/06/2011	513405	7078756	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Clay	Flat	C	30	Damp	Good	Old Burn
1069058	23/06/2011	513455	7078754	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Clay	Subtle Slope	C	40	Damp	Good	Old Burn
1069059	23/06/2011	513508	7078753	UTMZ7N_NAD83	Bare Soil	Light Brown	Clay	Subtle Slope	C	40	Damp	Good	Old Burn
1069060	23/06/2011	513559	7078752	UTMZ7N_NAD83	Bare Soil	Light Brown	Clay	Subtle Slope	C	40	Damp	Good	Old Burn
1069061	23/06/2011	513609	7078749	UTMZ7N_NAD83	Bare Soil	Light Brown	Clay	Subtle Slope	C	30	Wet	Good	Old Burn
1069062	23/06/2011	513659	7078750	UTMZ7N_NAD83	Grass Cover	Reddish Brown	Clay	Pronounced Slope	C	20	Damp	Good	Old Burn
1069063	23/06/2011	513709	7078751	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Clay	Subtle Slope	C	20	Damp	Excellent	Old Burn
1069064	23/06/2011	513759	7078749	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Clay	Subtle Slope	C	40	Damp	Good	Poplar
1069067	23/06/2011	513828	7078740	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Clay	Pronounced Slope	C	40	Damp	Excellent	Pine
1069069	23/06/2011	512372	7079038	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Clay	Subtle Slope	C	40	Damp	Good	Old Burn
1069070	23/06/2011	512326	7079060	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Clay	Flat	C	30	Damp	Good	Old Burn
1069071	23/06/2011	511727	7078911	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Flat	C	30	Dry	Excellent	No Tree Cover
1069072	23/06/2011	511719	7078963	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1069073	23/06/2011	511714	7079017	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	40	Wet	Good	Dwarf Birch
1069074	23/06/2011	511707	7079070	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Wet	Good	Dwarf Birch
1069075	23/06/2011	511700	7079122	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Pronounced Slope	C	40	Wet	Good	Dwarf Birch
1069076	23/06/2011	511695	7079173	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Pronounced Slope	C	40	Wet	Good	Dwarf Birch
1069077	23/06/2011	511691	7079225	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Pronounced Slope	C	30	Wet	Poor	Dwarf Birch
1069078	23/06/2011	511690	7079278	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Pronounced Slope	C	40	Wet	Poor	Dwarf Birch
1069079	23/06/2011	511677	7079328	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Silt	Pronounced Slope	B	30	Wet	Poor	Dwarf Birch
1069080	23/06/2011	511679	7079379	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Subtle Slope	B	30	Wet	Good	Dwarf Birch
1069081	23/06/2011	511675	7079431	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Subtle Slope	B	30	Dry	Poor	Dwarf Birch
1069082	23/06/2011	511666	7079482	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1069083	23/06/2011	511671	7079535	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1069084	23/06/2011	511668	7079588	UTMZ7N_NAD83	Burnt Moss	Reddish Orange	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn
1069085	23/06/2011	511664	7079640	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1069086	23/06/2011	511673	7079691	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Dry	Good	Old Burn
1069087	23/06/2011	511659	7079741	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Good	Old Burn
1069088	23/06/2011	511674	7079790	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1069089	23/06/2011	511669	7079841	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1069100	23/06/2011	511893	7080339	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	30	Wet	Good	Old Burn
1069101	23/06/2011	511910	7080381	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Excellent	Old Burn
1069102	29/06/2011	518868	7065329	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Pronounced Slope	C	40	Damp	Poor	No Tree Cover
1069103	29/06/2011	518917	7065315	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1069104	30/06/2011	515255	7070436	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Flat	B	30	Damp	Good	No Tree Cover
1069105	30/06/2011	515209	7070423	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1069106	23/06/2011	511913	7078205	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Good	Dwarf Birch
1069107	23/06/2011	511967	7078209	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Poor	Dwarf Birch
1069108	23/06/2011	512017	7078205	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Poor	Dwarf Birch
1069109	23/06/2011	512068	7078200	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1069110	23/06/2011	512117	7078190	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Dwarf Birch
1069111	23/06/2011	512167	7078186	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Black Spruce
1069112	23/06/2011	512215	7078166	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1069113	23/06/2011	512265	7078158	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Old Burn
1069114	23/06/2011	512313	7078148	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Good	Old Burn
1069115	23/06/2011	512364	7078151	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1069116	23/06/2011	512421	7078147	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1069117	23/06/2011	512477	7078116	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Wet	Good	Old Burn
1069119	23/06/2011	512523	7078138	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1069120	23/06/2011	512573	7078147	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1069121	23/06/2011	512624	7078138	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1069122	23/06/2011	512675	7078145	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1069123	23/06/2011	512727	7078137	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Poor	Old Burn
1069124	23/06/2011	512776	7078144	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Poor	Old Burn
1069125	23/06/2011	512825	7078156	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Subtle Slope	B	40	Wet	Poor	Old Burn
1069126	23/06/2011	512876	7078156	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1069127	23/06/2011	512923	7078172	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	C	80	Damp	Excellent	Old Burn
1069129	23/06/2011	512975	7078173	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	Old Burn
1069130	23/06/2011	513023	7078187	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1069131	23/06/2011	513074	7078188	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1069132	23/06/2011	513124	7078197	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Good	Old Burn
1069133	23/06/2011	513173	7078214	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Good	Old Burn
1069136	23/06/2011	511869	7078217	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Dwarf Birch
1069137	23/06/2011	511818	7078225	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	No Tree Cover
1069138	23/06/2011	511768	7078228	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1069139	23/06/2011	511721	7078244	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1069140	23/06/2011	511671	7078254	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1069141	23/06/2011	511061	7077462	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Poor	No Tree Cover
1069142	23/06/2011	511042	7077414	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Subtle Slope	C	40	Wet	Good	No Tree Cover
1069143	23/06/2011	511028	7077366	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Poor	No Tree Cover
1069144	23/06/2011	511009	7077318	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1069145	23/06/2011	510993	7077274	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	No Tree Cover
1069146	23/06/2011	511117	7077591	UTMZ7N_NAD83	Burnt Moss	Light Brown	Clay	Subtle Slope	C	40	Wet	Poor	Subalpine Fir
1069147	23/06/2011	511134	7077640	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Subtle Slope	C	30	Wet	Poor	Willows
1069148	23/06/2011	511152	7077688	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Subtle Slope	C	40	Damp	Poor	Willows
1069149	23/06/2011	511187	7077724	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Subtle Slope	B	40	Wet	Poor	Subalpine Fir
1069150	23/06/2011	511225	7077758	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1069151	23/06/2011	511265	7077791	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1069152	23/06/2011	511303	7077827	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Clay	Subtle Slope	B	40	Damp	Poor	No Tree Cover
1069153	23/06/2011	511338	7077862	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1069154	23/06/2011	511374	7077898	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Flat	B	30	Damp	Poor	Willows
1069155	23/06/2011	511412	7077932	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Poor	Willows
1069156	23/06/2011	511450	7077969	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Poor	No Tree Cover
1069157	23/06/2011	511488	7078003	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Flat	B	30	Damp	Poor	No Tree Cover
1069158	23/06/2011	511520	7078040	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Flat	C	30	Damp	Good	No Tree Cover
1069159	23/06/2011	511542	7078087	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	40	Damp	Good	Willows
1069161	23/06/2011	511565	7078129	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Flat	C	40	Damp	Good	Willows
1069162	23/06/2011	511594	7078171	UTMZ7N_NAD83	Rock Cover	Grey	Clay	Flat	C	20	Damp	Poor	No Tree Cover
1069163	23/06/2011	511613	7078219	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1069164	23/06/2011	511634	7078264	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1069165	23/06/2011	511656	7078310	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1069166	23/06/2011	511682	7078354	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1069167	23/06/2011	511695	7078403	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Flat	C	30	Damp	Good	No Tree Cover
1069168	23/06/2011	511703	7078455	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Flat	C	40	Wet	Poor	No Tree Cover
1069169	23/06/2011	511709	7078506	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Subtle Slope	C	60	Wet	Poor	Willows
1069170	23/06/2011	511713	7078556	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	30	Wet	Poor	Willows
1069172	30/06/2011	515063	7070381	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Clay	Flat	B	30	Damp	Good	No Tree Cover
1069173	30/06/2011	515112	7070395	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	B	30	Dry	Good	No Tree Cover
1069174	23/06/2011	511081	7077506	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Subtle Slope	C	40	Wet	Good	No Tree Cover
1069175	23/06/2011	511097	7077544	UTMZ7N_NAD83	Grass Cover	Dark Brown	Clay	Flat	B	30	Damp	Poor	No Tree Cover
1069201	25/06/2011	514123	7060540	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	30	Damp	Excellent	No Tree Cover
1069202	25/06/2011	514090	7060581	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1069203	25/06/2011	514065	7060623	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1069204	25/06/2011	514030	7060664	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Excellent	No Tree Cover
1069205	25/06/2011	514002	7060704	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	No Tree Cover
1069206	25/06/2011	513968	7060746	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1069207	25/06/2011	513942	7060789	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Excellent	No Tree Cover
1069208	25/06/2011	513907	7060824	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Excellent	No Tree Cover
1069209	25/06/2011	513862	7060850	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Excellent	No Tree Cover
1069210	25/06/2011	513818	7060879	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Dry	Excellent	No Tree Cover
1069211	25/06/2011	513772	7060905	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Excellent	No Tree Cover
1069212	25/06/2011	513728	7060932	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Dry	Good	No Tree Cover
1069213	25/06/2011	513681	7060956	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Excellent	No Tree Cover
1069214	25/06/2011	513639	7060985	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Excellent	No Tree Cover
1069215	25/06/2011	513596	7061012	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Silt	Pronounced Slope	B	20	Dry	Poor	No Tree Cover
1069216	25/06/2011	513551	7061035	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Excellent	No Tree Cover
1069217	25/06/2011	513504	7061054	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Dry	Excellent	No Tree Cover
1069218	25/06/2011	513455	7061072	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Pronounced Slope	B	40	Dry	Good	Dwarf Birch
1069219	25/06/2011	513409	7061090	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	Dwarf Birch
1069220	25/06/2011	513360	7061106	UTMZ7N_NAD83	Leaf Cover	Dark Brown	Silt	Pronounced Slope	A	30	Dry	Good	Dwarf Birch

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1069221	25/06/2011	513311	7061118	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Dwarf Birch
1069222	25/06/2011	513263	7061136	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1069223	25/06/2011	513215	7061155	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Wet	Good	Dwarf Birch
1069224	25/06/2011	513166	7061165	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Wet	Excellent	Dwarf Birch
1069225	25/06/2011	513118	7061188	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	B	30	Wet	Excellent	Dwarf Birch
1069227	25/06/2011	513072	7061201	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Subtle Slope	B	30	Damp	Excellent	Dwarf Birch
1069228	25/06/2011	513024	7061217	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Wet	Good	Dwarf Birch
1069229	25/06/2011	512973	7061230	UTMZ7N_NAD83	Grass Cover	Dark Brown	Silt	Subtle Slope	B	30	Wet	Poor	Dwarf Birch
106923	26/06/2011	513489	7062427	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1069230	25/06/2011	512923	7061249	UTMZ7N_NAD83	Grass Cover	Dark Brown	Silt	Subtle Slope	B	20	Wet	Poor	Dwarf Birch
1069231	25/06/2011	512896	7061243	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Wet	Good	No Tree Cover
1069236	26/06/2011	513488	7062427	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	B	40	Damp	Poor	Dwarf Birch
1069237	26/06/2011	513439	7062418	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1069238	26/06/2011	513389	7062406	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	B	50	Damp	Good	Dwarf Birch
1069239	26/06/2011	513340	7062400	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1069240	26/06/2011	513312	7062358	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	B	40	Damp	Poor	Dwarf Birch
1069241	26/06/2011	513287	7062315	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	B	60	Damp	Good	Dwarf Birch
1069242	26/06/2011	513271	7062267	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1069243	26/06/2011	513205	7062186	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	30	Damp	Poor	No Tree Cover
1069244	26/06/2011	513178	7062147	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	40	Damp	Poor	No Tree Cover
1069245	26/06/2011	513149	7062106	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1069246	26/06/2011	513113	7062069	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	40	Damp	Poor	No Tree Cover
1069247	26/06/2011	513086	7062027	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	50	Wet	Poor	No Tree Cover
1069248	26/06/2011	513070	7061980	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	50	Wet	Good	No Tree Cover
1069249	26/06/2011	513013	7061894	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	50	Wet	Good	No Tree Cover
1069250	26/06/2011	512986	7061853	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	50	Wet	Good	No Tree Cover
1069251	26/06/2011	512957	7061814	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	B	50	Damp	Good	Dwarf Birch
1069252	26/06/2011	512927	7061772	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Wet	Good	No Tree Cover
1069253	26/06/2011	512898	7061731	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	Dwarf Birch
1069254	26/06/2011	512867	7061695	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	80	Damp	Good	Dwarf Birch
1069256	26/06/2011	512835	7061653	UTMZ7N_NAD83	Rock Cover	Light Grey	Sand	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1069257	26/06/2011	512785	7061638	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1069258	26/06/2011	512745	7061607	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Dwarf Birch
1069259	26/06/2011	512694	7061600	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1069260	26/06/2011	512650	7061577	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1069262	26/06/2011	512604	7061555	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Good	Dwarf Birch
1069263	26/06/2011	512573	7061532	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1069264	26/06/2011	512523	7061510	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Dwarf Birch
1069265	26/06/2011	512485	7061472	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1069266	26/06/2011	512459	7061432	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Good	Dwarf Birch
1069267	26/06/2011	512429	7061390	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	Dwarf Birch
1069268	26/06/2011	512407	7061346	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	Dwarf Birch
1069269	29/06/2011	518315	7065623	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Pronounced Slope	C	30	Dry	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1069270	29/06/2011	518353	7065594	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1069271	25/06/2011	512967	7061051	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Flat	B	10	Wet	Poor	No Tree Cover
1069272	25/06/2011	512939	7061009	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Flat	B	20	Wet	Poor	No Tree Cover
1069273	25/06/2011	512909	7060966	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Flat	B	20	Wet	Poor	No Tree Cover
1069274	25/06/2011	512878	7060924	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Flat	C	50	Damp	Good	No Tree Cover
1069275	25/06/2011	512849	7060882	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	C	50	Wet	Excellent	No Tree Cover
1069276	25/06/2011	512820	7060841	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	No Tree Cover
1069277	25/06/2011	512791	7060800	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Flat	B	30	Wet	Poor	No Tree Cover
1069278	25/06/2011	512760	7060759	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Flat	B	20	Wet	Poor	No Tree Cover
1069279	25/06/2011	512732	7060716	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Flat	B	10	Wet	Poor	No Tree Cover
1069280	25/06/2011	512705	7060674	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Subtle Slope	B	30	Wet	Poor	No Tree Cover
1069281	25/06/2011	512674	7060632	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Poor	No Tree Cover
1069282	25/06/2011	512644	7060590	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Subtle Slope	B	40	Wet	Poor	No Tree Cover
1069283	25/06/2011	512618	7060545	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Subtle Slope	B	30	Damp	Poor	No Tree Cover
1069284	25/06/2011	512587	7060503	UTMZ7N_NAD83	Thin Moss Cover	Grey	Clay	Subtle Slope	C	20	Wet	Good	No Tree Cover
1069285	25/06/2011	512559	7060462	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	20	Wet	Good	No Tree Cover
1069286	25/06/2011	512532	7060420	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	30	Wet	Poor	No Tree Cover
1069287	25/06/2011	512504	7060378	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	No Tree Cover
1069288	25/06/2011	512471	7060336	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Dwarf Birch
1069289	25/06/2011	512438	7060296	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1069290	25/06/2011	512400	7060259	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Good	Willows
1069291	25/06/2011	512361	7060228	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Good	Willows
1069292	25/06/2011	512321	7060197	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Willows
1069293	25/06/2011	512281	7060165	UTMZ7N_NAD83	Grass Cover	Dark Blue Black	Clay	Subtle Slope	C	50	Wet	Good	Willows
1069294	25/06/2011	512242	7060134	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1069295	25/06/2011	512201	7060101	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	B	50	Wet	Good	Dwarf Birch
1069296	25/06/2011	512162	7060067	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	70	Damp	Good	No Tree Cover
1069297	25/06/2011	512122	7060033	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	70	Wet	Good	No Tree Cover
1069298	25/06/2011	512081	7060005	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	Dwarf Birch
1069299	25/06/2011	512042	7059971	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	B	20	Damp	Good	Dwarf Birch
1069300	25/06/2011	512005	7059935	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1069302	25/06/2011	511947	7059896	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1069303	29/06/2011	518498	7065446	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	100	Damp	Poor	No Tree Cover
1069304	29/06/2011	518533	7065406	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Good	No Tree Cover
1069305	29/06/2011	518571	7065373	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	30	Damp	Poor	No Tree Cover
1069306	29/06/2011	518622	7065368	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	40	Damp	Poor	No Tree Cover
1069307	25/06/2011	515165	7061316	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Flat	C	30	Dry	Good	No Tree Cover
1069308	25/06/2011	515150	7061268	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Flat	C	30	Dry	Good	No Tree Cover
1069309	25/06/2011	515140	7061218	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Flat	C	30	Dry	Good	No Tree Cover
1069310	25/06/2011	515128	7061167	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Flat	B	30	Damp	Poor	No Tree Cover
1069311	25/06/2011	515118	7061118	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Flat	B	30	Dry	Poor	No Tree Cover
1069312	25/06/2011	515108	7061068	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Flat	B	30	Damp	Poor	No Tree Cover
1069313	25/06/2011	515093	7061020	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	40	Damp	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1069314	25/06/2011	515085	7060972	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Poor	No Tree Cover
1069315	25/06/2011	515078	7060920	UTMZ7N_NAD83	Rock Cover	Light Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1069317	25/06/2011	515053	7060877	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1069318	25/06/2011	515010	7060850	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Subtle Slope	C	30	Damp	Poor	No Tree Cover
1069319	25/06/2011	514966	7060825	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Subtle Slope	B	30	Damp	Poor	No Tree Cover
1069320	25/06/2011	514919	7060804	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	30	Wet	Poor	No Tree Cover
1069321	25/06/2011	514874	7060781	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1069322	25/06/2011	514825	7060756	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1069323	25/06/2011	514779	7060730	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Wet	Good	No Tree Cover
1069324	25/06/2011	514736	7060704	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Flat	B	40	Dry	Poor	No Tree Cover
1069325	25/06/2011	514691	7060678	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1069337	29/06/2011	518282	7066225	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1069338	29/06/2011	518236	7066206	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1069339	29/06/2011	518187	7066190	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	70	Damp	Poor	No Tree Cover
1069340	29/06/2011	518141	7066166	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Poor	No Tree Cover
1069342	25/06/2011	513533	7062404	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Good	Dwarf Birch
1069343	25/06/2011	513563	7062364	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1069344	25/06/2011	513605	7062335	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Excellent	Dwarf Birch
1069345	25/06/2011	513631	7062291	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	No Tree Cover
1069346	25/06/2011	513664	7062253	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1069347	25/06/2011	513681	7062206	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Poor	No Tree Cover
1069348	25/06/2011	513701	7062160	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	30	Wet	Poor	No Tree Cover
1069349	25/06/2011	513720	7062113	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	40	Wet	Poor	No Tree Cover
1069350	25/06/2011	513740	7062066	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	40	Wet	Poor	No Tree Cover
1069351	25/06/2011	513758	7062018	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Wet	Good	Dwarf Birch
1069352	25/06/2011	513778	7061971	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1069353	25/06/2011	513798	7061925	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	C	50	Dry	Good	Dwarf Birch
1069354	25/06/2011	513815	7061877	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Dwarf Birch
1069356	25/06/2011	513833	7061831	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Grey	Sand	Subtle Slope	C	50	Damp	Excellent	Dwarf Birch
1069357	25/06/2011	513852	7061785	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1069358	25/06/2011	513863	7061734	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1069359	25/06/2011	513848	7061686	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1069360	25/06/2011	513831	7061640	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1069361	25/06/2011	513811	7061593	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Excellent	Dwarf Birch
1069362	25/06/2011	513772	7061561	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Dwarf Birch
1069363	25/06/2011	513722	7061549	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	60	Wet	Good	Dwarf Birch
1069364	25/06/2011	513673	7061540	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Good	No Tree Cover
1069365	25/06/2011	513623	7061532	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	Dwarf Birch
1069366	25/06/2011	513575	7061514	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Dwarf Birch
1069367	25/06/2011	513533	7061485	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Excellent	No Tree Cover
1069368	25/06/2011	513489	7061457	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1069369	25/06/2011	513446	7061428	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Excellent	Dwarf Birch
1069370	25/06/2011	513402	7061404	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1069371	25/06/2011	513359	7061377	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Excellent	No Tree Cover
1069372	25/06/2011	513317	7061348	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	C	40	Damp	Good	Dwarf Birch
1069373	25/06/2011	513274	7061322	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Excellent	No Tree Cover
1069375	30/06/2011	514078	7070414	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Poor	No Tree Cover
1069376	30/06/2011	514028	7070397	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1069377	02/07/2011	511007	7076770	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Excellent	No Tree Cover
1069378	02/07/2011	511011	7076720	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Excellent	No Tree Cover
1069379	02/07/2011	511014	7076669	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Sand	Subtle Slope	C	40	Wet	Excellent	No Tree Cover
1069380	02/07/2011	511017	7076619	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Good	No Tree Cover
1069381	02/07/2011	511021	7076569	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Sand	Subtle Slope	C	30	Damp	Excellent	No Tree Cover
1069382	02/07/2011	511021	7076516	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Excellent	No Tree Cover
1069383	02/07/2011	511026	7076465	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1069384	02/07/2011	511029	7076413	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1069385	02/07/2011	511032	7076363	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1069386	02/07/2011	511036	7076311	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Excellent	No Tree Cover
1069387	02/07/2011	511039	7076261	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	20	Dry	Good	No Tree Cover
1069388	02/07/2011	511041	7076209	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Flat	C	20	Dry	Excellent	No Tree Cover
1069389	02/07/2011	511042	7076158	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Dry	Excellent	No Tree Cover
1069390	02/07/2011	511045	7076107	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	20	Dry	Good	No Tree Cover
1069391	02/07/2011	511047	7076055	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Flat	C	20	Dry	Excellent	No Tree Cover
1069392	02/07/2011	511047	7076005	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Flat	C	30	Dry	Good	No Tree Cover
1069393	02/07/2011	511048	7075904	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Damp	Excellent	No Tree Cover
1069395	02/07/2011	511050	7075857	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Wet	Good	No Tree Cover
1069396	02/07/2011	511053	7075808	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	60	Wet	Good	No Tree Cover
1069397	02/07/2011	511054	7075758	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Excellent	No Tree Cover
1069398	02/07/2011	511055	7075706	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Clay	Subtle Slope	C	20	Damp	Excellent	No Tree Cover
1069399	02/07/2011	511056	7075669	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1069401	26/06/2011	512449	7062488	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Subtle Slope	A	20	Dry	Poor	No Tree Cover
1069402	26/06/2011	512408	7062457	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Dry	Excellent	No Tree Cover
1069403	26/06/2011	512366	7062425	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1069404	26/06/2011	512324	7062394	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Flat	C	30	Wet	Good	No Tree Cover
1069405	26/06/2011	512277	7062375	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Damp	Excellent	No Tree Cover
1069406	26/06/2011	512238	7062342	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1069407	26/06/2011	512199	7062307	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Excellent	No Tree Cover
1069408	26/06/2011	512160	7062276	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1069409	26/06/2011	512115	7062250	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Dry	Excellent	No Tree Cover
1069410	26/06/2011	512075	7062218	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1069411	26/06/2011	512036	7062188	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1069412	26/06/2011	511993	7062163	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1069413	26/06/2011	511949	7062136	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	20	Dry	Good	No Tree Cover
1069414	26/06/2011	511906	7062107	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1069416	26/06/2011	511860	7062087	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1069417	26/06/2011	511810	7062073	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Dry	Excellent	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1069418	26/06/2011	511766	7062054	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Damp	Good	No Tree Cover
1069419	26/06/2011	511720	7062031	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	50	Damp	Good	No Tree Cover
1069420	26/06/2011	511679	7062004	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Silt	Pronounced Slope	B	50	Dry	Excellent	No Tree Cover
1069421	26/06/2011	511635	7061976	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1069422	26/06/2011	511604	7061938	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Silt	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1069423	26/06/2011	511556	7061922	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Silt	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1069424	26/06/2011	511513	7061895	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Excellent	No Tree Cover
1069425	26/06/2011	511471	7061866	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Silt	Flat	B	30	Wet	Good	No Tree Cover
1069426	26/06/2011	511435	7061830	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Dry	Excellent	No Tree Cover
1069427	26/06/2011	511415	7061785	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Good	No Tree Cover
1069428	26/06/2011	511393	7061739	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1069429	26/06/2011	511372	7061693	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1069431	26/06/2011	511351	7061647	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1069433	26/06/2011	511337	7061592	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Excellent	Dwarf Birch
1069434	26/06/2011	511321	7061543	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1069435	26/06/2011	511306	7061499	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1069451	27/06/2011	518704	7072928	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1069452	27/06/2011	518736	7072966	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1069453	27/06/2011	518772	7073003	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	50	Damp	Good	Black Spruce
1069454	27/06/2011	518806	7073038	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	B	50	Wet	Good	No Tree Cover
1069455	27/06/2011	518844	7073075	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1069456	27/06/2011	518922	7073135	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	B	40	Damp	Poor	Black Spruce
1069457	27/06/2011	518958	7073171	UTMZ7N_NAD83	Rock Cover	Dark Brown	Clay	Flat	B	80	Damp	Good	No Tree Cover
1069458	27/06/2011	519028	7073242	UTMZ7N_NAD83	Rock Cover	Dark Brown	Clay	Subtle Slope	B	40	Damp	Poor	No Tree Cover
1069459	27/06/2011	519046	7073293	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	40	Damp	Poor	Black Spruce
1069460	27/06/2011	519083	7073335	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	30	Damp	Poor	No Tree Cover
1069461	27/06/2011	519113	7073371	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	40	Damp	Poor	No Tree Cover
1069462	27/06/2011	519143	7073409	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	40	Damp	Good	Black Spruce
1069463	27/06/2011	519182	7073441	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	30	Wet	Good	Black Spruce
1069464	27/06/2011	519206	7073487	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Black Spruce
1069465	27/06/2011	519249	7073517	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	30	Wet	Good	Black Spruce
1069466	27/06/2011	519273	7073564	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Clay	Subtle Slope	C	40	Damp	Good	Black Spruce
1069467	27/06/2011	519292	7073611	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Dwarf Birch
1069468	27/06/2011	519318	7073658	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	Black Spruce
1069469	27/06/2011	519339	7073707	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Subtle Slope	B	40	Wet	Good	Black Spruce
1069470	27/06/2011	519381	7073743	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Black Spruce
1069471	27/06/2011	519417	7073770	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1069472	27/06/2011	519452	7073808	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1069473	27/06/2011	519479	7073850	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	40	Damp	Poor	Black Spruce
1069474	27/06/2011	519518	7073886	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1069475	27/06/2011	519558	7073924	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	B	40	Wet	Good	Dwarf Birch
1069476	27/06/2011	519590	7073962	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	40	Wet	Good	Black Spruce
1069477	27/06/2011	519625	7073990	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1069478	27/06/2011	519692	7074074	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	40	Wet	Poor	Black Spruce
1069479	27/06/2011	519732	7074102	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Black Spruce
1069502	22/06/2011	512589	7082033	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Damp	Good	Old Burn
1069503	22/06/2011	512638	7082026	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Damp	Poor	Old Burn
1069504	22/06/2011	512687	7082019	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Old Burn
1069505	22/06/2011	512734	7082003	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Subtle Slope	B	20	Damp	Good	Old Burn
1069506	22/06/2011	512783	7081994	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	B	20	Damp	Good	Old Burn
1069507	22/06/2011	512832	7081985	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	20	Damp	Good	Old Burn
1069508	22/06/2011	512881	7081980	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Clay	Subtle Slope	C	30	Damp	Good	Old Burn
1069509	22/06/2011	512930	7081969	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Old Burn
1069510	22/06/2011	512972	7081942	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Old Burn
1069511	22/06/2011	513019	7081925	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1069512	22/06/2011	513052	7081887	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	30	Damp	Excellent	Old Burn
1069513	22/06/2011	513085	7081850	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Flat	B	30	Damp	Good	Old Burn
1069514	22/06/2011	513110	7081807	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Sand	Flat	C	30	Damp	Excellent	Black Spruce
1069515	22/06/2011	513120	7081758	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Sand	Subtle Slope	B	20	Damp	Good	Old Burn
1069516	22/06/2011	513125	7081709	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	B	20	Damp	Good	Old Burn
1069517	22/06/2011	513129	7081659	UTMZ7N_NAD83	Bare Soil	Bluish Grey	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1069518	22/06/2011	513172	7081635	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Sand	Subtle Slope	C	20	Damp	Good	Old Burn
1069519	22/06/2011	513219	7081619	UTMZ7N_NAD83	Bare Soil	Light Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1069520	22/06/2011	513260	7081591	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1069522	22/06/2011	513302	7081564	UTMZ7N_NAD83	Bare Soil	Light Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1069523	22/06/2011	513350	7081555	UTMZ7N_NAD83	Bare Soil	Light Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1069524	22/06/2011	513399	7081553	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Sand	Subtle Slope	B	20	Damp	Good	Old Burn
1069525	22/06/2011	513448	7081547	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Old Burn
1069526	22/06/2011	513497	7081538	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Damp	Good	Old Burn
1069527	22/06/2011	513543	7081517	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	10	Damp	Poor	Old Burn
1069528	22/06/2011	513588	7081497	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Old Burn
1069529	22/06/2011	513632	7081473	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Old Burn
1069530	22/06/2011	513673	7081445	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	10	Damp	Poor	Old Burn
1069531	22/06/2011	513716	7081422	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1069532	22/06/2011	513756	7081394	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Old Burn
1069533	22/06/2011	513806	7081387	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Sand	Subtle Slope	B	10	Damp	Poor	Old Burn
1069534	22/06/2011	513844	7081356	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Subtle Slope	B	20	Damp	Good	Birch Forest
1069535	22/06/2011	513894	7081359	UTMZ7N_NAD83	Grass Cover	Reddish Orange	Sand	Subtle Slope	B	30	Damp	Good	Birch Forest
1069582	26/06/2011	509031	7062590	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Flat	B	20	Damp	Good	Willows
1069583	26/06/2011	509081	7062600	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	30	Dry	Good	Willows
1070603	30/06/2011	520487	7069012	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1070604	30/06/2011	520507	7069058	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Willows
1070605	30/06/2011	520536	7069098	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Wet	Good	Willows
1070606	30/06/2011	520559	7069143	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Dry	Good	No Tree Cover
1070607	30/06/2011	520580	7069189	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Dry	Good	No Tree Cover
1070608	30/06/2011	520607	7069231	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Dry	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1070609	30/06/2011	520634	7069272	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Dry	Good	No Tree Cover
1070610	30/06/2011	520669	7069309	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Silt	Subtle Slope	B	20	Damp	Good	No Tree Cover
1070611	30/06/2011	520701	7069348	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1070612	30/06/2011	520736	7069385	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Dry	Good	No Tree Cover
1070613	30/06/2011	520773	7069419	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	80	Wet	Good	Willows
1070952	02/07/2011	512564	7074890	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	No Tree Cover
1070953	02/07/2011	512610	7074867	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	No Tree Cover
1070954	02/07/2011	512646	7074832	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1070955	02/07/2011	512690	7074806	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Dry	Good	No Tree Cover
1070956	02/07/2011	512729	7074775	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	B	30	Wet	Poor	No Tree Cover
1070957	02/07/2011	512772	7074747	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1070958	02/07/2011	512812	7074715	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	50	Dry	Good	No Tree Cover
1070959	02/07/2011	512848	7074679	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Flat	C	30	Dry	Good	No Tree Cover
1070960	02/07/2011	512849	7074629	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Silt	Subtle Slope	B	30	Dry	Poor	No Tree Cover
1070961	02/07/2011	512850	7074579	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Flat	B	40	Dry	Good	No Tree Cover
1070962	02/07/2011	512851	7074529	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1069584	26/06/2011	508992	7062559	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Flat	B	10	Dry	Good	Willows
1069586	26/06/2011	509221	7062614	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1069587	26/06/2011	509121	7062614	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1069636	26/06/2011	510773	7061703	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1069637	26/06/2011	510723	7061693	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1069638	26/06/2011	510672	7061694	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Wet	Good	No Tree Cover
1069639	26/06/2011	510619	7061692	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1069640	26/06/2011	510568	7061693	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Good	Willows
1069641	26/06/2011	510518	7061690	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Good	Willows
1069642	26/06/2011	510470	7061698	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Willows
1069643	26/06/2011	510421	7061686	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Willows
1069644	26/06/2011	510371	7061687	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Willows
1069645	26/06/2011	510319	7061685	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Flat	C	30	Dry	Good	Willows
1069646	26/06/2011	510267	7061682	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Good	Willows
1069647	26/06/2011	510215	7061681	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Flat	C	40	Dry	Good	Willows
1069648	26/06/2011	510164	7061678	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Good	Willows
1069649	26/06/2011	510112	7061680	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Willows
1069650	26/06/2011	510060	7061672	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Willows
1069685	22/06/2011	513943	7081364	UTMZ7N_NAD83	Grass Cover	Reddish Brown	Sand	Subtle Slope	B	30	Damp	Good	Birch Forest
1069701	22/06/2011	516761	7082889	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Old Burn
1069702	22/06/2011	516796	7082854	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Wet	Good	Old Burn
1069703	22/06/2011	516823	7082813	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Old Burn
1069704	22/06/2011	516855	7082773	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	40	Wet	Good	Old Burn
1069705	22/06/2011	516885	7082733	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Pronounced Slope	C	50	Damp	Excellent	Old Burn
1069706	22/06/2011	516913	7082691	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Subtle Slope	C	80	Wet	Good	Old Burn
1069707	22/06/2011	516944	7082651	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Wet	Good	Old Burn
1069708	22/06/2011	516973	7082611	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1069709	22/06/2011	516995	7082567	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1069710	22/06/2011	517015	7082521	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	60	Wet	Good	Old Burn
1069711	22/06/2011	517043	7082480	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1069712	22/06/2011	517062	7082433	UTMZ7N_NAD83	Grass Cover	Greyish Green	Sand	Subtle Slope	C	90	Dry	Excellent	Old Burn
1069714	22/06/2011	517082	7082389	UTMZ7N_NAD83	Grass Cover	Grey	Sand	Subtle Slope	C	80	Dry	Good	Old Burn
1069715	22/06/2011	517111	7082347	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	110	Dry	Excellent	Old Burn
1069717	22/06/2011	517128	7082300	UTMZ7N_NAD83	Grass Cover	Grey	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1069718	22/06/2011	517141	7082253	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Good	Old Burn
1069719	22/06/2011	517144	7082202	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Good	Old Burn
1069720	22/06/2011	517140	7082152	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Pronounced Slope	C	50	Damp	Good	Old Burn
1069721	22/06/2011	517147	7082101	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Good	Old Burn
1069722	22/06/2011	517145	7082051	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1069723	22/06/2011	517148	7082000	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1069724	22/06/2011	517133	7081952	UTMZ7N_NAD83	Grass Cover	Grey	Silt	Subtle Slope	C	60	Dry	Good	Old Burn
1069725	22/06/2011	517108	7081908	UTMZ7N_NAD83	Grass Cover	Grey	Clay	Subtle Slope	B	80	Damp	Good	Old Burn
1069726	22/06/2011	517080	7081866	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Good	Old Burn
1069727	22/06/2011	517054	7081822	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Pronounced Slope	C	50	Dry	Good	Old Burn
1069728	22/06/2011	517019	7081784	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Flat	C	80	Dry	Good	Old Burn
1069729	22/06/2011	517016	7081733	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Wet	Poor	Black Spruce
1069730	22/06/2011	517038	7081689	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Pronounced Slope	B	30	Wet	Good	Black Spruce
1069731	22/06/2011	517077	7081653	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Black Spruce
1069732	22/06/2011	517115	7081617	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1069733	22/06/2011	517151	7081578	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Subtle Slope	B	30	Damp	Good	White Spruce
1069735	25/06/2011	516847	7064695	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1069736	25/06/2011	516831	7064742	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Damp	Good	No Tree Cover
1069737	25/06/2011	516826	7064792	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1069738	25/06/2011	516860	7064830	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Excellent	No Tree Cover
1069739	01/07/2011	507378	7066113	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1069740	01/07/2011	507333	7066088	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Pronounced Slope	C	70	Damp	Good	Old Burn
1069741	01/07/2011	507292	7066059	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Pronounced Slope	C	40	Damp	Good	Old Burn
1069742	01/07/2011	507248	7066032	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Excellent	Old Burn
1069743	01/07/2011	507209	7065999	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Pronounced Slope	C	50	Damp	Excellent	Old Burn
1069744	01/07/2011	507161	7065981	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Pronounced Slope	C	50	Damp	Good	Old Burn
1069745	01/07/2011	507117	7065951	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	70	Damp	Poor	Old Burn
1069746	01/07/2011	507072	7065926	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Pronounced Slope	C	80	Damp	Good	Old Burn
1069747	01/07/2011	507029	7065898	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Poor	Old Burn
1069749	01/07/2011	506990	7065862	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Old Burn
1069750	01/07/2011	506954	7065824	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Good	Old Burn
1069751	26/06/2011	512031	7063552	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Damp	Good	No Tree Cover
1069752	26/06/2011	511986	7063528	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	40	Damp	Good	No Tree Cover
1069753	26/06/2011	511940	7063505	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Damp	Good	No Tree Cover
1069754	26/06/2011	511897	7063480	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1069755	26/06/2011	511854	7063459	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1069756	26/06/2011	511803	7063435	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	No Tree Cover
1069757	26/06/2011	511761	7063408	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1069758	26/06/2011	511720	7063379	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1069759	26/06/2011	511678	7063351	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1069760	26/06/2011	511639	7063320	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	No Tree Cover
1069761	26/06/2011	511588	7063314	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1069762	26/06/2011	511543	7063295	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	No Tree Cover
1069763	26/06/2011	511493	7063284	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1069764	26/06/2011	511445	7063267	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1069765	26/06/2011	511396	7063252	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	No Tree Cover
1069766	26/06/2011	511348	7063235	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Wet	Good	No Tree Cover
1069767	26/06/2011	511298	7063238	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Good	No Tree Cover
1069768	26/06/2011	511248	7063242	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Good	Dwarf Birch
1069769	26/06/2011	511196	7063241	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	70	Wet	Good	Dwarf Birch
1069770	26/06/2011	511148	7063231	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	60	Wet	Good	Dwarf Birch
1069771	26/06/2011	511098	7063223	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Wet	Good	Dwarf Birch
1069772	26/06/2011	511050	7063204	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Dwarf Birch
1069773	26/06/2011	511002	7063188	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1069774	26/06/2011	510954	7063174	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1069775	26/06/2011	510907	7063152	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	20	Dry	Good	No Tree Cover
1069776	26/06/2011	510859	7063140	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1069777	26/06/2011	510810	7063130	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1069778	26/06/2011	510759	7063138	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Good	No Tree Cover
1069779	26/06/2011	510716	7063111	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Flat	B	50	Wet	Good	Dwarf Birch
1069780	26/06/2011	510667	7063095	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1069781	26/06/2011	510618	7063085	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	70	Wet	Good	Dwarf Birch
1069782	26/06/2011	510573	7063059	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Good	Dwarf Birch
1069783	26/06/2011	510544	7063018	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	Dwarf Birch
1070501	01/07/2011	509365	7066672	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Birch Forest
1070502	01/07/2011	509336	7066629	UTMZ7N_NAD83	Leaf Cover	Reddish Orange	Sand	Subtle Slope	C	50	Dry	Excellent	Birch Forest
1070503	01/07/2011	509287	7066618	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Excellent	Birch Forest
1070504	30/06/2011	520984	7071178	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Clay	Flat	C	50	Damp	Good	No Tree Cover
1070505	30/06/2011	521042	7071155	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Good	No Tree Cover
1070506	30/06/2011	521087	7071139	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Clay	Subtle Slope	C	80	Damp	Good	No Tree Cover
1070507	30/06/2011	521133	7071124	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	No Tree Cover
1070508	30/06/2011	521181	7071102	UTMZ7N_NAD83	Bare Soil	Dark Brown	Clay	Pronounced Slope	C	30	Damp	Good	No Tree Cover
1070509	30/06/2011	521229	7071090	UTMZ7N_NAD83	Frost Boil	Dark Blue Black	Sand	Pronounced Slope	C	40	Damp	Excellent	No Tree Cover
1070510	30/06/2011	521276	7071074	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Pronounced Slope	B	20	Damp	Good	No Tree Cover
1070511	30/06/2011	521324	7071058	UTMZ7N_NAD83	Bare Soil	Dark Brown	Sand	Pronounced Slope	C	60	Damp	Excellent	No Tree Cover
1070512	30/06/2011	521372	7071043	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	110	Damp	Excellent	No Tree Cover
1070514	30/06/2011	521419	7071024	UTMZ7N_NAD83	Bare Soil	Dark Brown	Clay	Pronounced Slope	C	50	Damp	Good	No Tree Cover
1070515	30/06/2011	522153	7070828	UTMZ7N_NAD83	Grass Cover	Greyish Green	Clay	Flat	C	80	Wet	Excellent	No Tree Cover
1070516	01/07/2011	509238	7066605	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	C	40	Wet	Good	Birch Forest

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1070517	01/07/2011	509191	7066588	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	80	Damp	Excellent	Birch Forest
1070518	01/07/2011	509141	7066576	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Excellent	Birch Forest
1070519	01/07/2011	509090	7066568	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Excellent	Birch Forest
1070520	01/07/2011	509040	7066553	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Birch Forest
1070521	30/06/2011	521511	7070984	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Good	No Tree Cover
1070522	30/06/2011	521560	7070974	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Excellent	No Tree Cover
1070523	30/06/2011	521610	7070962	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	No Tree Cover
1070524	30/06/2011	521657	7070947	UTMZ7N_NAD83	Bare Soil	Dark Brown	Sand	Pronounced Slope	C	60	Dry	Excellent	No Tree Cover
1070525	30/06/2011	521709	7070936	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	No Tree Cover
1070526	30/06/2011	521752	7070908	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Excellent	No Tree Cover
1070527	30/06/2011	521811	7070902	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	No Tree Cover
1070528	30/06/2011	521859	7070887	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Excellent	No Tree Cover
1070529	30/06/2011	521906	7070875	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Pronounced Slope	B	50	Dry	Good	No Tree Cover
1070530	30/06/2011	521954	7070853	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	No Tree Cover
1070531	30/06/2011	522003	7070842	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Excellent	No Tree Cover
1070532	30/06/2011	522054	7070839	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Pronounced Slope	C	40	Dry	Excellent	No Tree Cover
1070533	30/06/2011	522104	7070837	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1070534	01/07/2011	509454	7066854	UTMZ7N_NAD83	Burnt Moss	Reddish Orange	Sand	Flat	C	40	Dry	Excellent	Old Burn
1070535	01/07/2011	509434	7066808	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1070536	02/07/2011	511277	7075453	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	C	40	Wet	Good	Willows
1070537	02/07/2011	511244	7075491	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Damp	Excellent	Willows
1070538	02/07/2011	511207	7075527	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	80	Wet	Excellent	Willows
1070539	02/07/2011	511161	7075551	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	60	Damp	Excellent	Willows
1070540	02/07/2011	511495	7075320	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	60	Wet	Excellent	No Tree Cover
1070541	02/07/2011	511449	7075343	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	No Tree Cover
1070542	02/07/2011	512479	7074942	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Wet	Good	No Tree Cover
1070543	02/07/2011	512431	7074959	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Clay	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1070544	02/07/2011	512385	7074979	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	B	40	Damp	Poor	No Tree Cover
1070545	02/07/2011	512346	7075011	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1070546	02/07/2011	512299	7075030	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1070547	02/07/2011	512255	7075058	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Dry	Good	No Tree Cover
1070548	02/07/2011	512205	7075066	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1070549	02/07/2011	512156	7075078	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Excellent	No Tree Cover
1070550	02/07/2011	512110	7075099	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	No Tree Cover
1070552	02/07/2011	512066	7075126	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Flat	C	70	Wet	Excellent	No Tree Cover
1070601	30/06/2011	520430	7068930	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Willows
1070602	30/06/2011	520459	7068970	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	70	Damp	Good	Willows
1070614	30/06/2011	520815	7069447	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Damp	Good	Willows
1070615	30/06/2011	520853	7069479	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Good	Willows
1070616	30/06/2011	520893	7069511	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Damp	Good	No Tree Cover
1070617	30/06/2011	520932	7069542	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	20	Damp	Good	No Tree Cover
1070618	30/06/2011	520966	7069579	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Silt	Subtle Slope	B	50	Damp	Good	No Tree Cover
1070619	30/06/2011	521006	7069610	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Willows

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1070620	30/06/2011	521046	7069641	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Willows
1070621	30/06/2011	521087	7069667	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	No Tree Cover
1070622	30/06/2011	521126	7069698	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	No Tree Cover
1070623	30/06/2011	521170	7069721	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1070624	30/06/2011	521217	7069742	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1070625	30/06/2011	521263	7069761	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Good	Willows
1070626	30/06/2011	521308	7069784	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1070627	30/06/2011	521348	7069816	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Dry	Good	Willows
1070628	30/06/2011	521388	7069846	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1070629	30/06/2011	521425	7069880	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Willows
1070630	30/06/2011	521473	7069894	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	60	Damp	Good	Willows
1070631	30/06/2011	521522	7069902	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Clay	Subtle Slope	B	10	Damp	Good	Willows
1070633	30/06/2011	521571	7069914	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	80	Damp	Good	Willows
1070635	02/07/2011	511049	7075955	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Dry	Excellent	No Tree Cover
1070651	30/06/2011	522387	7068409	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Damp	Good	No Tree Cover
1070652	30/06/2011	522437	7068416	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Flat	B	40	Dry	Good	No Tree Cover
1070653	30/06/2011	522488	7068411	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	40	Dry	Good	No Tree Cover
1070654	30/06/2011	522538	7068409	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	No Tree Cover
1070655	30/06/2011	522587	7068409	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Dry	Good	No Tree Cover
1070656	30/06/2011	522638	7068411	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1070657	30/06/2011	522688	7068410	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	No Tree Cover
1070658	30/06/2011	522738	7068397	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	40	Damp	Good	No Tree Cover
1070659	30/06/2011	522780	7068372	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Flat	B	30	Dry	Good	No Tree Cover
1070660	30/06/2011	522820	7068339	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	60	Dry	Good	No Tree Cover
1070661	30/06/2011	522858	7068308	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1070662	30/06/2011	522889	7068269	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Dry	Good	No Tree Cover
1070663	30/06/2011	522918	7068228	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	No Tree Cover
1070664	30/06/2011	522937	7068182	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Dry	Poor	Dwarf Birch
1070665	30/06/2011	522967	7068143	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	No Tree Cover
1070666	30/06/2011	523002	7068106	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	No Tree Cover
1070667	30/06/2011	523035	7068068	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	30	Dry	Good	No Tree Cover
1070668	30/06/2011	523064	7068028	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	B	50	Damp	Good	No Tree Cover
1070669	30/06/2011	523096	7067988	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	30	Dry	Good	No Tree Cover
1070670	30/06/2011	523139	7067960	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	No Tree Cover
1070671	30/06/2011	523181	7067933	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Dry	Good	No Tree Cover
1070672	30/06/2011	523224	7067903	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	40	Dry	Good	No Tree Cover
1070673	30/06/2011	523265	7067876	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	70	Dry	Good	No Tree Cover
1070675	30/06/2011	523307	7067849	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	20	Dry	Poor	No Tree Cover
1070676	30/06/2011	523351	7067827	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Dry	Good	No Tree Cover
1070677	30/06/2011	523397	7067805	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Silt	Subtle Slope	B	50	Dry	Good	No Tree Cover
1070678	30/06/2011	523438	7067777	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	No Tree Cover
1070679	30/06/2011	523482	7067750	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	30	Dry	Good	No Tree Cover
1070680	30/06/2011	523524	7067722	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Flat	C	40	Dry	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1070681	30/06/2011	523565	7067695	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Dry	Good	No Tree Cover
1070682	30/06/2011	523612	7067680	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Good	No Tree Cover
1070683	30/06/2011	523659	7067664	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1070684	30/06/2011	523707	7067649	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Dry	Good	No Tree Cover
1070685	02/07/2011	512021	7075152	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Flat	C	70	Wet	Excellent	No Tree Cover
1070751	01/07/2011	511601	7066752	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Wet	Good	Birch Forest
1070752	01/07/2011	511552	7066739	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Sand	Subtle Slope	B	40	Damp	Good	Birch Forest
1070753	01/07/2011	511504	7066723	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Birch Forest
1070754	01/07/2011	511455	7066708	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	B	10	Damp	Good	Birch Forest
1070755	01/07/2011	511407	7066696	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Birch Forest
1070756	01/07/2011	511360	7066678	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Birch Forest
1070757	01/07/2011	511311	7066667	UTMZ7N_NAD83	Leaf Cover	Light Brown	Sand	Subtle Slope	B	10	Damp	Good	Birch Forest
1070758	01/07/2011	511261	7066658	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Birch Forest
1070759	01/07/2011	511214	7066641	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Birch Forest
1070760	01/07/2011	511164	7066633	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Birch Forest
1070761	01/07/2011	511113	7066624	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Birch Forest
1070762	01/07/2011	511064	7066615	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Birch Forest
1070763	01/07/2011	511014	7066603	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Birch Forest
1070764	01/07/2011	510919	7066567	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Birch Forest
1070765	01/07/2011	510871	7066555	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Birch Forest
1070766	01/07/2011	510822	7066538	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Dwarf Birch
1070767	01/07/2011	510770	7066540	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Subtle Slope	B	20	Wet	Poor	Dwarf Birch
1070768	01/07/2011	510721	7066531	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Poor	Black Spruce
1070769	01/07/2011	510674	7066514	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	10	Damp	Poor	Black Spruce
1070770	01/07/2011	510625	7066503	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	10	Damp	Good	Black Spruce
1070771	01/07/2011	510574	7066504	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Wet	Good	Black Spruce
1070772	01/07/2011	510524	7066494	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	10	Wet	Good	Black Spruce
1070773	01/07/2011	510424	7066484	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Subtle Slope	A	20	Damp	Poor	Black Spruce
1070774	01/07/2011	510374	7066476	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Subtle Slope	B	20	Damp	Good	Black Spruce
1070775	01/07/2011	510324	7066467	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Black Spruce
1070776	01/07/2011	510273	7066459	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Sand	Subtle Slope	C	30	Wet	Good	Black Spruce
1070777	01/07/2011	510225	7066443	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	10	Wet	Good	Black Spruce
1070778	01/07/2011	510126	7066427	UTMZ7N_NAD83	Grass Cover	Dark Brown	Clay	Subtle Slope	B	10	Damp	Good	Black Spruce
1070779	01/07/2011	510076	7066423	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Wet	Good	Black Spruce
1070780	02/07/2011	509716	7077737	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	10	Damp	Poor	Willows
1070781	02/07/2011	509753	7077704	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Poor	Willows
1070782	02/07/2011	509796	7077677	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1070783	02/07/2011	509840	7077652	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Silt	Subtle Slope	B	30	Damp	Good	Willows
1070784	02/07/2011	509883	7077625	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Willows
1070785	02/07/2011	509934	7077615	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Willows
1070787	02/07/2011	511116	7075575	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Damp	Excellent	Willows
1070788	02/07/2011	511072	7075600	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	60	Wet	Excellent	No Tree Cover
1070791	02/07/2011	511980	7075180	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Flat	C	40	Dry	Excellent	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1070792	02/07/2011	511938	7075208	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1070793	02/07/2011	511896	7075237	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	50	Dry	Good	No Tree Cover
1070794	02/07/2011	511846	7075247	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Subtle Slope	B	80	Damp	Good	No Tree Cover
1070795	02/07/2011	511795	7075246	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1070796	02/07/2011	511744	7075253	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	40	Damp	Excellent	No Tree Cover
1070797	02/07/2011	511693	7075261	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	No Tree Cover
1070798	02/07/2011	511645	7075279	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Wet	Excellent	No Tree Cover
1070799	02/07/2011	511595	7075294	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Excellent	No Tree Cover
1070800	02/07/2011	511545	7075305	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1070951	02/07/2011	512526	7074923	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Dry	Good	No Tree Cover
1070963	02/07/2011	512852	7074479	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1070964	02/07/2011	512857	7074429	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	40	Dry	Good	No Tree Cover
1070965	02/07/2011	512857	7074379	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	No Tree Cover
1070966	02/07/2011	512858	7074329	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	No Tree Cover
1070967	02/07/2011	512859	7074280	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	No Tree Cover
1070968	02/07/2011	512863	7074229	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	70	Damp	Good	No Tree Cover
1070969	02/07/2011	512860	7074180	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	No Tree Cover
1070970	02/07/2011	512860	7074130	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1070971	02/07/2011	512865	7074080	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1070972	02/07/2011	512868	7074029	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Clay	Subtle Slope	B	40	Dry	Good	No Tree Cover
1070973	02/07/2011	512869	7073979	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	70	Damp	Good	No Tree Cover
1070974	02/07/2011	512866	7073928	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	No Tree Cover
1070975	02/07/2011	512868	7073878	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Flat	C	90	Dry	Excellent	No Tree Cover
1070977	02/07/2011	512875	7073828	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	30	Dry	Good	No Tree Cover
1070978	02/07/2011	512873	7073778	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Clay	Flat	B	40	Damp	Good	No Tree Cover
1070979	02/07/2011	512877	7073727	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	30	Dry	Good	No Tree Cover
1070980	02/07/2011	512879	7073676	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	No Tree Cover
1070981	02/07/2011	512879	7073626	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	No Tree Cover
1070982	02/07/2011	512878	7073577	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1070983	02/07/2011	512880	7073526	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	70	Damp	Good	No Tree Cover
1113163	27/07/2011	515615	7074105	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Poor	No Tree Cover
1113164	27/07/2011	515590	7074149	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1113165	27/07/2011	515565	7074186	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1113166	27/07/2011	515537	7074233	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	B	30	Damp	Poor	No Tree Cover
1113167	27/07/2011	515520	7074280	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Poor	No Tree Cover
1113168	27/07/2011	515487	7074323	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Greyish Green	Sand	Flat	C	50	Wet	Excellent	No Tree Cover
1113169	27/07/2011	515470	7074366	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	No Tree Cover
1113170	27/07/2011	515445	7074410	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1113171	27/07/2011	515419	7074457	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	40	Damp	Good	No Tree Cover
1113172	27/07/2011	515394	7074495	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	30	Damp	Good	No Tree Cover
1113173	27/07/2011	515372	7074540	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Damp	Good	No Tree Cover
1113528	27/07/2011	513458	7072174	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Damp	Good	No Tree Cover
1113529	27/07/2011	513425	7072218	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Damp	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1113530	27/07/2011	513400	7072259	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Flat	C	40	Damp	Good	No Tree Cover
1113531	27/07/2011	513370	7072295	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Flat	C	30	Damp	Good	No Tree Cover
1113532	27/07/2011	513367	7072346	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Flat	C	30	Damp	Good	No Tree Cover
1113533	27/07/2011	513346	7072388	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Pronounced Slope	C	30	Damp	Poor	No Tree Cover
1113534	27/07/2011	513331	7072449	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Pronounced Slope	C	30	Damp	Good	No Tree Cover
1113535	29/07/2011	523015	7072939	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Pronounced Slope	B	40	Damp	Poor	Willows
1113536	29/07/2011	523057	7072999	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Pronounced Slope	C	50	Damp	Good	Willows
1113537	29/07/2011	523086	7073040	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	B	40	Damp	Poor	Willows
1113538	29/07/2011	523116	7073079	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Poor	Willows
1114070	21/07/2011	509170	7071698	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Good	Black Spruce
1114071	21/07/2011	509152	7071650	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Black Spruce
1114072	21/07/2011	509139	7071602	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Excellent	Black Spruce
1114073	21/07/2011	509124	7071553	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Old Burn
1114074	21/07/2011	509108	7071504	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1114075	21/07/2011	509094	7071456	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Black Spruce
1114076	21/07/2011	509082	7071407	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Black Spruce
1114077	21/07/2011	509066	7071359	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Excellent	Old Burn
1114078	21/07/2011	509048	7071310	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1114079	21/07/2011	509031	7071261	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Wet	Excellent	Old Burn
1114080	21/07/2011	509017	7071212	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Wet	Good	Black Spruce
1112001	29/07/2011	522667	7075015	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Damp	Poor	No Tree Cover
1112002	29/07/2011	522675	7075066	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	10	Damp	Good	No Tree Cover
1112003	29/07/2011	522686	7075115	UTMZ7N_NAD83	Rock Cover	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1112004	29/07/2011	522691	7075165	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	10	Damp	Good	No Tree Cover
1112005	29/07/2011	522695	7075215	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	10	Damp	Good	No Tree Cover
1112006	29/07/2011	522698	7075264	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Damp	Good	No Tree Cover
1112007	29/07/2011	522694	7075315	UTMZ7N_NAD83	Rock Cover	Dark Brown	Silt	Subtle Slope	B	10	Damp	Poor	No Tree Cover
1112008	29/07/2011	522702	7075363	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Damp	Good	No Tree Cover
1112009	29/07/2011	522703	7075414	UTMZ7N_NAD83	Rock Cover	Reddish Brown	Sand	Subtle Slope	C	20	Dry	Excellent	No Tree Cover
1112010	29/07/2011	522704	7075464	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1112011	29/07/2011	522706	7075514	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Damp	Good	No Tree Cover
1112012	29/07/2011	522699	7075564	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1112013	29/07/2011	522688	7075613	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1112014	29/07/2011	522668	7075659	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	B	10	Dry	Good	No Tree Cover
1112015	29/07/2011	522641	7075703	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1112016	29/07/2011	522625	7075751	UTMZ7N_NAD83	Grass Cover	Grey	Sand	Subtle Slope	B	20	Damp	Good	Old Burn
1112017	29/07/2011	522602	7075796	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Subtle Slope	B	10	Damp	Poor	Old Burn
1112018	29/07/2011	522580	7075842	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Good	Old Burn
1112019	29/07/2011	522562	7075890	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Old Burn
1112020	29/07/2011	522548	7075938	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Damp	Good	Old Burn
1112021	29/07/2011	522530	7075986	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Old Burn
1112022	29/07/2011	522508	7076032	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Old Burn
1112023	29/07/2011	522488	7076077	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1112024	29/07/2011	522468	7076123	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Silt	Subtle Slope	B	20	Damp	Poor	Old Burn
1112025	29/07/2011	522442	7076167	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Willows
1112026	29/07/2011	522411	7076206	UTMZ7N_NAD83	Grass Cover	Dark Brown	Clay	Subtle Slope	B	10	Damp	Poor	Old Burn
1112027	29/07/2011	522392	7076254	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Dry	Good	Old Burn
1112028	29/07/2011	522367	7076297	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	20	Damp	Good	Old Burn
1112030	29/07/2011	522340	7076340	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Old Burn
1112031	29/07/2011	522318	7076386	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	10	Damp	Good	Old Burn
1112033	30/07/2011	518492	7070471	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Good	No Tree Cover
1112401	31/07/2011	526044	7073644	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	No Tree Cover
1112402	31/07/2011	526078	7073682	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	No Tree Cover
1112403	31/07/2011	526115	7073718	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	No Tree Cover
1112404	31/07/2011	526152	7073751	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	30	Damp	Excellent	No Tree Cover
1112405	31/07/2011	526185	7073789	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1112406	31/07/2011	526223	7073823	UTMZ7N_NAD83	Thin Moss Cover	Dark Blue Black	Clay	Subtle Slope	B	10	Damp	Good	No Tree Cover
1112407	31/07/2011	526260	7073857	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Damp	Good	Willows
1112408	31/07/2011	526295	7073893	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Sand	Subtle Slope	B	10	Dry	Good	No Tree Cover
1112409	31/07/2011	526332	7073928	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1112410	31/07/2011	526369	7073963	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	10	Damp	Good	No Tree Cover
1112411	31/07/2011	526405	7074000	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	B	20	Damp	Good	No Tree Cover
1112412	31/07/2011	526440	7074037	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	B	10	Wet	Good	No Tree Cover
1112413	31/07/2011	526481	7074067	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	No Tree Cover
1112414	31/07/2011	526516	7074104	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Good	No Tree Cover
1112415	31/07/2011	526550	7074143	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Flat	C	30	Damp	Good	No Tree Cover
1112416	31/07/2011	526591	7074174	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	No Tree Cover
1112417	31/07/2011	526630	7074207	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	No Tree Cover
1112418	31/07/2011	526669	7074241	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	No Tree Cover
1112419	31/07/2011	526708	7074270	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Clay	Subtle Slope	C	10	Damp	Good	No Tree Cover
1112420	31/07/2011	526751	7074298	UTMZ7N_NAD83	Grass Cover	Reddish Brown	Clay	Subtle Slope	C	20	Damp	Good	No Tree Cover
1112421	31/07/2011	526782	7074338	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Old Burn
1112422	31/07/2011	526824	7074367	UTMZ7N_NAD83	Grass Cover	Dark Brown	Clay	Subtle Slope	B	10	Wet	Poor	No Tree Cover
1112423	31/07/2011	526854	7074407	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Old Burn
1112424	31/07/2011	526888	7074444	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	10	Damp	Good	Old Burn
1112425	31/07/2011	526924	7074479	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Old Burn
1112426	31/07/2011	526953	7074519	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	10	Damp	Good	Old Burn
1112427	31/07/2011	526987	7074557	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Old Burn
1112428	31/07/2011	527020	7074596	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Clay	Subtle Slope	B	30	Damp	Good	Old Burn
1112429	31/07/2011	527053	7074636	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1112430	31/07/2011	527089	7074670	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Old Burn
1112431	31/07/2011	527125	7074707	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	10	Damp	Good	Old Burn
1112432	31/07/2011	527159	7074745	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Old Burn
1113001	21/07/2011	511270	7070594	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Subtle Slope	B	30	Wet	Poor	Dwarf Birch
1113002	21/07/2011	511244	7070551	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Silt	Subtle Slope	C	70	Wet	Good	Dwarf Birch
1113003	21/07/2011	511218	7070508	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	C	80	Wet	Excellent	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1113004	21/07/2011	511189	7070465	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1113005	21/07/2011	511159	7070424	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1113006	21/07/2011	511137	7070379	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1113007	21/07/2011	511105	7070340	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	70	Wet	Good	Old Burn
1113008	21/07/2011	511078	7070295	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	C	50	Wet	Good	Dwarf Birch
1113009	21/07/2011	511050	7070252	UTMZ7N_NAD83	Grass Cover	Dark Brown	Silt	Subtle Slope	B	30	Wet	Poor	Old Burn
1113010	21/07/2011	511022	7070209	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	C	50	Wet	Good	Old Burn
1113011	21/07/2011	510997	7070165	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	B	60	Wet	Good	Old Burn
1113012	21/07/2011	510964	7070125	UTMZ7N_NAD83	Grass Cover	Dark Brown	Silt	Subtle Slope	B	50	Wet	Good	Dwarf Birch
1113013	21/07/2011	510936	7070080	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Dwarf Birch
1113014	21/07/2011	510894	7070052	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1113015	21/07/2011	510858	7070016	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Silt	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1113016	21/07/2011	510820	7069983	UTMZ7N_NAD83	Grass Cover	Dark Brown	Silt	Subtle Slope	B	50	Wet	Good	Old Burn
1113017	21/07/2011	510780	7069948	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Silt	Subtle Slope	B	30	Wet	Poor	Old Burn
1113018	21/07/2011	510739	7069918	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1113019	21/07/2011	510704	7069883	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	B	40	Wet	Good	Dwarf Birch
1113020	21/07/2011	510663	7069851	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	Willows
1113021	21/07/2011	510627	7069816	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Excellent	Willows
1113022	21/07/2011	510583	7069791	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	40	Wet	Good	Willows
1113023	21/07/2011	510551	7069753	UTMZ7N_NAD83	Grass Cover	Dark Brown	Silt	Subtle Slope	B	30	Damp	Good	Old Burn
1113024	21/07/2011	510507	7069726	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1113025	21/07/2011	510473	7069689	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Silt	Subtle Slope	B	50	Wet	Good	Old Burn
1113026	21/07/2011	510433	7069657	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1113027	21/07/2011	510392	7069626	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1113028	21/07/2011	510351	7069591	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Silt	Subtle Slope	B	40	Wet	Good	Old Burn
1113030	21/07/2011	510321	7069552	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Silt	Subtle Slope	B	40	Wet	Poor	Black Spruce
1113031	21/07/2011	510295	7069508	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Subtle Slope	B	30	Wet	Poor	Black Spruce
1113032	21/07/2011	510262	7069471	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Subtle Slope	B	50	Wet	Good	Black Spruce
1113036	23/07/2011	511071	7067985	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	B	50	Damp	Good	No Tree Cover
1113037	23/07/2011	511029	7067956	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Clay	Flat	B	30	Damp	Good	No Tree Cover
1113038	23/07/2011	510987	7067929	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Flat	B	80	Damp	Poor	No Tree Cover
1113039	23/07/2011	510946	7067900	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Flat	B	70	Damp	Good	No Tree Cover
1113040	23/07/2011	510904	7067874	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Flat	C	40	Damp	Poor	No Tree Cover
1113041	23/07/2011	510863	7067845	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Flat	C	30	Dry	Good	No Tree Cover
1113042	23/07/2011	510821	7067815	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Flat	C	20	Dry	Good	No Tree Cover
1113043	23/07/2011	510780	7067788	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Poor	No Tree Cover
1113044	23/07/2011	510737	7067758	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	No Tree Cover
1113045	23/07/2011	510695	7067733	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Poor	No Tree Cover
1113046	23/07/2011	510654	7067703	UTMZ7N_NAD83	Grass Cover	Grey	Clay	Subtle Slope	B	50	Damp	Good	No Tree Cover
1113047	23/07/2011	510613	7067678	UTMZ7N_NAD83	Grass Cover	Grey	Clay	Subtle Slope	B	70	Damp	Good	No Tree Cover
1113048	23/07/2011	510572	7067647	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1113050	23/07/2011	510531	7067619	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1113101	24/07/2011	511827	7076625	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	60	Wet	Good	Willows

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1113102	24/07/2011	511874	7076640	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	C	80	Wet	Good	Willows
1113103	24/07/2011	511919	7076661	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1113104	24/07/2011	511963	7076684	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1113105	24/07/2011	512009	7076706	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Willows
1113106	24/07/2011	512058	7076724	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1113107	24/07/2011	512103	7076747	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	70	Wet	Good	Willows
1113108	24/07/2011	512195	7076783	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Subtle Slope	B	40	Damp	Good	Willows
1113109	24/07/2011	512232	7076811	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	70	Damp	Good	Willows
1113110	24/07/2011	512283	7076832	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Pronounced Slope	C	50	Damp	Poor	Willows
1113111	24/07/2011	512330	7076843	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Willows
1113112	24/07/2011	512375	7076871	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Wet	Poor	Willows
1113113	24/07/2011	512423	7076884	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Willows
1113114	24/07/2011	512455	7076932	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Pronounced Slope	C	60	Damp	Good	Willows
1113115	24/07/2011	512484	7076975	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	50	Wet	Good	Willows
1113116	24/07/2011	512507	7077019	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	40	Wet	Good	Willows
1113117	24/07/2011	512535	7077062	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Willows
1113118	24/07/2011	512552	7077111	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	70	Damp	Excellent	Willows
1113119	24/07/2011	512586	7077150	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	50	Wet	Good	Willows
1113120	24/07/2011	512617	7077193	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1113121	24/07/2011	512643	7077236	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Willows
1113122	24/07/2011	512696	7077333	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Sand	Subtle Slope	B	40	Wet	Good	Willows
1113123	24/07/2011	512719	7077380	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Grey Black	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1113124	24/07/2011	512748	7077420	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Subtle Slope	B	40	Damp	Good	Willows
1113125	24/07/2011	512774	7077467	UTMZ7N_NAD83	Rock Cover	Dark Olivine Green	Sand	Subtle Slope	B	40	Damp	Poor	Willows
1113127	24/07/2011	512796	7077508	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	60	Wet	Good	Willows
1113129	24/07/2011	512827	7077547	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Good	Willows
1113130	24/07/2011	512850	7077593	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	50	Wet	Good	Black Spruce
1113131	25/07/2011	516879	7074630	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Subtle Slope	C	60	Damp	Excellent	No Tree Cover
1113132	25/07/2011	516901	7074674	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1113133	25/07/2011	516926	7074718	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	No Tree Cover
1113134	25/07/2011	516945	7074765	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	No Tree Cover
1113135	25/07/2011	516966	7074811	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1113136	25/07/2011	516988	7074857	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Good	No Tree Cover
1113137	25/07/2011	517011	7074904	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Greyish Green	Sand	Subtle Slope	C	50	Wet	Good	No Tree Cover
1113138	25/07/2011	517028	7074952	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Greyish Green	Sand	Subtle Slope	C	50	Wet	Good	No Tree Cover
1113139	25/07/2011	517051	7074997	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Wet	Good	Willows
1113140	25/07/2011	517074	7075041	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Good	Willows
1113141	25/07/2011	517086	7075092	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1113142	25/07/2011	517099	7075142	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1113143	25/07/2011	517117	7075192	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1113144	25/07/2011	517135	7075241	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Willows
1113145	25/07/2011	517152	7075289	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1113146	25/07/2011	517163	7075339	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Subtle Slope	C	60	Damp	Good	Willows

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1113147	25/07/2011	517177	7075389	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1113148	25/07/2011	517195	7075441	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Willows
1113149	25/07/2011	517215	7075488	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	80	Wet	Good	Willows
1113150	25/07/2011	517226	7075538	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1113151	25/07/2011	517237	7075587	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1113152	25/07/2011	517247	7075637	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Willows
1113153	25/07/2011	517255	7075686	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Willows
1113154	25/07/2011	517262	7075736	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Willows
1113155	25/07/2011	517266	7075789	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Willows
1113156	25/07/2011	517273	7075842	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1113157	25/07/2011	517282	7075894	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1113158	25/07/2011	517295	7075946	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1113159	25/07/2011	517305	7075998	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Willows
1113161	25/07/2011	517295	7076049	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	80	Damp	Good	Willows
1113162	25/07/2011	517308	7076102	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Good	Willows
1113174	27/07/2011	515352	7074585	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1113175	27/07/2011	515322	7074628	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Poor	No Tree Cover
1113176	27/07/2011	515307	7074677	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1113177	27/07/2011	515300	7074732	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	No Tree Cover
1113178	27/07/2011	515304	7074833	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1113179	27/07/2011	515303	7074784	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1113180	27/07/2011	515304	7074887	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Dwarf Birch
1113181	27/07/2011	515296	7074985	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	80	Damp	Good	Dwarf Birch
1113182	27/07/2011	515288	7075037	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1113183	27/07/2011	515286	7075090	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1113184	27/07/2011	515282	7075134	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	Willows
1113185	27/07/2011	515268	7075234	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Subtle Slope	C	60	Wet	Excellent	Subalpine Fir
1113186	27/07/2011	515265	7075286	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Greyish Green	Sand	Subtle Slope	C	60	Wet	Excellent	Subalpine Fir
1113187	27/07/2011	515257	7075340	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Subalpine Fir
1113188	27/07/2011	515251	7075385	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Subtle Slope	C	60	Damp	Good	Subalpine Fir
1113189	27/07/2011	515241	7075436	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Subalpine Fir
1113190	27/07/2011	515235	7075484	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Subalpine Fir
1113191	27/07/2011	515227	7075533	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Subalpine Fir
1113193	27/07/2011	515212	7075577	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Subalpine Fir
1113201	05/08/2011	524798	7070127	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Old Burn
1113202	05/08/2011	524856	7070130	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1113203	05/08/2011	524906	7070134	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1113251	31/07/2011	524664	7071641	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	50	Damp	Good	No Tree Cover
1113252	31/07/2011	524709	7071615	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	B	40	Damp	Good	No Tree Cover
1113253	31/07/2011	524757	7071602	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Poor	No Tree Cover
1113254	31/07/2011	524795	7071576	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1113255	31/07/2011	524842	7071551	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	B	50	Damp	Good	Dwarf Birch
1113256	31/07/2011	524886	7071527	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1113257	31/07/2011	524932	7071507	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1113258	31/07/2011	524974	7071474	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1113259	31/07/2011	525018	7071454	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1113260	31/07/2011	525060	7071430	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1113261	31/07/2011	525103	7071407	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1113262	31/07/2011	525149	7071382	UTMZ7N_NAD83	Thin Moss Cover	Dark Blue Black	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1113263	31/07/2011	525193	7071352	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	80	Damp	Good	Dwarf Birch
1113264	31/07/2011	525223	7071312	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1113265	31/07/2011	525271	7071301	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Excellent	No Tree Cover
1113266	31/07/2011	525301	7071252	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1113267	31/07/2011	525353	7071238	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1113268	31/07/2011	525394	7071214	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1113269	31/07/2011	525432	7071180	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Poor	Dwarf Birch
1113270	31/07/2011	525479	7071155	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1113271	31/07/2011	525517	7071124	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	No Tree Cover
1113272	31/07/2011	525560	7071095	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1113273	31/07/2011	525599	7071066	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1113274	31/07/2011	525643	7071041	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1113275	31/07/2011	525685	7071025	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1113276	31/07/2011	525733	7071007	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1113277	31/07/2011	525777	7070989	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1113278	31/07/2011	525823	7070966	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	80	Damp	Excellent	No Tree Cover
1113279	31/07/2011	525867	7070944	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Excellent	No Tree Cover
1113280	31/07/2011	525916	7070928	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Excellent	No Tree Cover
1113281	31/07/2011	525964	7070910	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Flat	B	40	Damp	Poor	No Tree Cover
1113282	31/07/2011	526005	7070886	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	C	60	Wet	Good	Willows
1113283	31/07/2011	526052	7070867	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Damp	Excellent	Dwarf Birch
1113451	24/07/2011	517010	7077714	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Poor	Black Spruce
1113452	24/07/2011	517046	7077750	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Black Spruce
1113453	24/07/2011	517086	7077783	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Black Spruce
1113454	24/07/2011	517122	7077818	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Black Spruce
1113455	24/07/2011	517160	7077845	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	Black Spruce
1113456	24/07/2011	517195	7077881	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	Black Spruce
1113457	24/07/2011	517219	7077925	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Black Spruce
1113458	24/07/2011	517244	7077969	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	A	30	Damp	Poor	Black Spruce
1113459	24/07/2011	517263	7078015	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Poor	Black Spruce
1113460	24/07/2011	517286	7078061	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	A	30	Damp	Poor	Black Spruce
1113461	24/07/2011	517310	7078105	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1113462	24/07/2011	517334	7078148	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Black Spruce
1113463	24/07/2011	517355	7078193	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Black Spruce
1113464	24/07/2011	517381	7078235	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Black Spruce
1113465	24/07/2011	517428	7078323	UTMZ7N_NAD83	Grass Cover	Grey	Clay	Subtle Slope	B	40	Damp	Good	Black Spruce
1113466	24/07/2011	517410	7078276	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Excellent	Black Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1113467	24/07/2011	517452	7078366	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Black Spruce
1113468	24/07/2011	517476	7078412	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	B	50	Damp	Good	Black Spruce
1113469	24/07/2011	517502	7078455	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	B	40	Damp	Poor	Black Spruce
1113470	24/07/2011	517530	7078496	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Black Spruce
1113471	24/07/2011	517555	7078539	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Black Spruce
1113472	24/07/2011	517572	7078587	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Dry	Good	Old Burn
1113473	24/07/2011	517591	7078633	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	Old Burn
1113474	24/07/2011	517612	7078679	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	50	Damp	Excellent	Old Burn
1113476	24/07/2011	517626	7078725	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1113477	24/07/2011	517652	7078768	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1113478	24/07/2011	517673	7078814	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	70	Damp	Excellent	Old Burn
1113479	24/07/2011	517704	7078853	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	Old Burn
1113480	24/07/2011	517731	7078895	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	50	Damp	Excellent	Old Burn
1113481	24/07/2011	517762	7078935	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Poor	Old Burn
1113482	24/07/2011	517791	7078978	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1113483	24/07/2011	517815	7079023	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1113486	31/07/2011	522499	7070791	UTMZ7N_NAD83	Thin Moss Cover	Dark Grey Black	Sand	Pronounced Slope	C	50	Damp	Poor	No Tree Cover
1113487	31/07/2011	522548	7070797	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	40	Damp	Excellent	No Tree Cover
1113488	31/07/2011	522604	7070801	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1113489	31/07/2011	522648	7070800	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1113490	31/07/2011	522695	7070816	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	No Tree Cover
1113491	31/07/2011	522742	7070834	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Steep	C	30	Damp	Good	No Tree Cover
1113492	31/07/2011	522783	7070835	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Damp	Good	No Tree Cover
1113494	31/07/2011	522836	7070869	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Flat	C	30	Damp	Good	No Tree Cover
1113495	31/07/2011	522882	7070865	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	30	Damp	Poor	No Tree Cover
1113496	31/07/2011	522920	7070889	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Damp	Poor	No Tree Cover
1113497	31/07/2011	522969	7070898	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1113498	31/07/2011	523011	7070919	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Damp	Good	No Tree Cover
1113499	31/07/2011	523050	7070952	UTMZ7N_NAD83	Bare Soil	Dark Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1113500	31/07/2011	523092	7070975	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Damp	Good	No Tree Cover
1113501	25/07/2011	514610	7077384	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1113502	25/07/2011	514680	7077457	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1113503	25/07/2011	514751	7077528	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Pronounced Slope	C	30	Damp	Good	Old Burn
1113504	25/07/2011	514830	7077600	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1113505	25/07/2011	514902	7077670	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1113506	25/07/2011	514976	7077741	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1113507	25/07/2011	515047	7077817	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1113508	25/07/2011	515115	7077888	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1113509	25/07/2011	515191	7077957	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Subtle Slope	C	40	Damp	Poor	Old Burn
1113510	25/07/2011	515261	7077984	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	30	Wet	Good	Old Burn
1113511	25/07/2011	515336	7078064	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1113513	25/07/2011	515391	7078137	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	C	50	Damp	Good	Old Burn
1113514	25/07/2011	515472	7078196	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Pronounced Slope	C	30	Wet	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1113515	25/07/2011	515536	7078276	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1113516	25/07/2011	515613	7078344	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Flat	C	30	Dry	Excellent	Old Burn
1113517	25/07/2011	515696	7078408	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	C	40	Damp	Poor	Old Burn
1113518	25/07/2011	515763	7078463	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Old Burn
1113520	25/07/2011	515831	7078529	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1113521	25/07/2011	515921	7078586	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	70	Damp	Poor	Old Burn
1113522	25/07/2011	515998	7078652	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Poor	Old Burn
1113523	25/07/2011	516080	7078714	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	C	40	Damp	Good	Old Burn
1113524	25/07/2011	516158	7078784	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Flat	C	60	Damp	Good	Old Burn
1113525	25/07/2011	516243	7078839	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	C	40	Damp	Good	Old Burn
1113526	25/07/2011	516293	7078928	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Flat	C	30	Damp	Good	Old Burn
1113527	27/07/2011	513486	7072132	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Damp	Good	No Tree Cover
1113539	29/07/2011	523139	7073122	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	B	40	Damp	Poor	Willows
1113540	29/07/2011	523174	7073161	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	Willows
1113541	29/07/2011	523200	7073207	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	B	50	Dry	Poor	Willows
1113542	29/07/2011	523226	7073244	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Willows
1113543	29/07/2011	523261	7073284	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Poor	Willows
1113544	29/07/2011	523282	7073330	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Poor	Willows
1113545	29/07/2011	523312	7073369	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	B	40	Damp	Poor	Willows
1113546	29/07/2011	523343	7073411	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Pronounced Slope	C	50	Damp	Poor	Willows
1113547	29/07/2011	523374	7073449	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Poor	Willows
1113548	29/07/2011	523406	7073494	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Poor	Willows
1113549	29/07/2011	523432	7073533	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	Willows
1113550	29/07/2011	523459	7073571	UTMZ7N_NAD83	Grass Cover	Dark Brown	Clay	Pronounced Slope	B	40	Damp	Poor	Willows
1113551	28/07/2011	511918	7069385	UTMZ7N_NAD83	Thin Moss Cover	Dark Blue Black	Sand	Flat	C	70	Damp	Good	No Tree Cover
1113552	28/07/2011	511891	7069345	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	60	Damp	Good	No Tree Cover
1113553	28/07/2011	511870	7069297	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Flat	C	50	Damp	Good	No Tree Cover
1113554	28/07/2011	511843	7069254	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	30	Damp	Good	No Tree Cover
1113555	28/07/2011	511818	7069212	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	10	Damp	Good	No Tree Cover
1113556	28/07/2011	511793	7069168	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1113557	28/07/2011	511768	7069124	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Subtle Slope	B	20	Damp	Good	No Tree Cover
1113558	28/07/2011	511742	7069081	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	10	Damp	Good	No Tree Cover
1113559	28/07/2011	511719	7069037	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1113560	28/07/2011	511700	7068990	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Damp	Good	No Tree Cover
1113561	28/07/2011	511688	7068942	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	No Tree Cover
1113562	28/07/2011	511683	7068893	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Damp	Good	No Tree Cover
1113563	28/07/2011	511677	7068842	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1113564	28/07/2011	511659	7068795	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1113565	28/07/2011	511653	7068744	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	70	Damp	Good	No Tree Cover
1113566	28/07/2011	511647	7068694	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Subtle Slope	B	20	Damp	Poor	Willows
1113567	28/07/2011	511617	7068653	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	60	Damp	Good	Willows
1113568	28/07/2011	511578	7068618	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	40	Damp	Good	Willows
1113569	28/07/2011	511545	7068579	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1113570	28/07/2011	511513	7068540	UTMZ7N_NAD83	Grass Cover	Bluish Grey	Sand	Subtle Slope	C	10	Damp	Good	No Tree Cover
1113571	28/07/2011	511477	7068503	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Willows
1113572	28/07/2011	511443	7068467	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1113573	28/07/2011	511409	7068429	UTMZ7N_NAD83	Thin Moss Cover	Light Bluish Grey	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1113574	28/07/2011	511373	7068393	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1113576	28/07/2011	511341	7068353	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	No Tree Cover
1113577	28/07/2011	511310	7068312	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	90	Damp	Good	No Tree Cover
1113578	28/07/2011	511284	7068269	UTMZ7N_NAD83	Thin Moss Cover	Light Bluish Grey	Sand	Subtle Slope	B	80	Damp	Good	No Tree Cover
1113579	28/07/2011	511254	7068227	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1113580	28/07/2011	511226	7068187	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Sand	Subtle Slope	C	70	Damp	Excellent	No Tree Cover
1113582	28/07/2011	511196	7068145	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Subtle Slope	B	50	Damp	Poor	No Tree Cover
1113583	30/07/2011	521888	7071882	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	B	20	Wet	Good	No Tree Cover
1113584	30/07/2011	521889	7071933	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Excellent	No Tree Cover
1113585	30/07/2011	521891	7071984	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1113586	30/07/2011	521909	7072030	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Wet	Excellent	No Tree Cover
1113587	30/07/2011	521922	7072080	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1113588	30/07/2011	522035	7072200	UTMZ7N_NAD83	Rock Cover	Dark Blue Black	Sand	Pronounced Slope	B	10	Damp	Good	No Tree Cover
1113589	30/07/2011	522075	7072237	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Steep	C	20	Dry	Excellent	No Tree Cover
1113590	30/07/2011	522120	7072268	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Steep	C	10	Dry	Excellent	No Tree Cover
1113591	30/07/2011	522161	7072304	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Steep	B	10	Dry	Good	No Tree Cover
1113592	30/07/2011	522206	7072320	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Steep	B	20	Dry	Good	No Tree Cover
1113593	30/07/2011	522248	7072346	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Steep	C	10	Dry	Excellent	No Tree Cover
1113594	30/07/2011	522291	7072373	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	C	20	Dry	Good	Willows
1113595	30/07/2011	522330	7072409	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Steep	C	50	Damp	Good	No Tree Cover
1113596	30/07/2011	522377	7072431	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	C	40	Dry	Excellent	Dwarf Birch
1113597	30/07/2011	522421	7072456	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Steep	B	30	Dry	Good	Dwarf Birch
1113598	30/07/2011	522456	7072493	UTMZ7N_NAD83	Thin Moss Cover	Reddish Orange	Sand	Steep	C	30	Damp	Excellent	Dwarf Birch
1113599	30/07/2011	522494	7072526	UTMZ7N_NAD83	Rock Cover	Reddish Brown	Sand	Steep	C	50	Damp	Excellent	No Tree Cover
1113600	30/07/2011	522543	7072557	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	B	30	Damp	Good	Dwarf Birch
1113601	29/07/2011	522352	7073372	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1113602	29/07/2011	522370	7073419	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1113603	29/07/2011	522387	7073466	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1113604	29/07/2011	522402	7073514	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1113605	29/07/2011	522419	7073560	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1113606	29/07/2011	522436	7073607	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1113607	29/07/2011	522454	7073654	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1113608	29/07/2011	522470	7073702	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1113609	29/07/2011	522486	7073752	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1113610	29/07/2011	522505	7073801	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1113611	29/07/2011	522523	7073846	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1113612	29/07/2011	522538	7073893	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1113613	29/07/2011	522556	7073940	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1113614	29/07/2011	522573	7073987	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1113615	29/07/2011	522593	7074035	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	White Spruce
1113616	29/07/2011	522612	7074081	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1113617	29/07/2011	522630	7074128	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1113618	29/07/2011	522649	7074175	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1113619	29/07/2011	522667	7074221	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1113620	29/07/2011	522686	7074268	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1113621	29/07/2011	522698	7074318	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1113622	29/07/2011	522691	7074368	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1113623	29/07/2011	522687	7074418	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1113624	29/07/2011	522684	7074468	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Poor	No Tree Cover
1113625	29/07/2011	522678	7074516	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1113626	29/07/2011	522671	7074566	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	No Tree Cover
1113627	29/07/2011	522669	7074617	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1113628	29/07/2011	522667	7074667	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	No Tree Cover
1113629	29/07/2011	522658	7074717	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1113630	29/07/2011	522655	7074767	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1113631	29/07/2011	522650	7074868	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1113632	29/07/2011	522650	7074818	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1114001	21/07/2011	506141	7072755	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Excellent	Willows
1114002	21/07/2011	506116	7072708	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Black Spruce
1114003	21/07/2011	506093	7072661	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	Black Spruce
1114004	21/07/2011	506069	7072622	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Bluish Grey	Clay	Subtle Slope	B	60	Wet	Good	Black Spruce
1114005	21/07/2011	506045	7072578	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	Black Spruce
1114006	21/07/2011	506025	7072534	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Clay	Subtle Slope	C	40	Damp	Good	Black Spruce
1114007	21/07/2011	505998	7072491	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	Black Spruce
1114008	21/07/2011	505972	7072447	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	Black Spruce
1114009	21/07/2011	505946	7072404	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	60	Damp	Good	Black Spruce
1114010	21/07/2011	505925	7072358	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Black Spruce
1114011	21/07/2011	505902	7072310	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	Black Spruce
1114012	21/07/2011	505875	7072269	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Poor	Black Spruce
1114013	21/07/2011	505854	7072225	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Excellent	Black Spruce
1114014	21/07/2011	505831	7072181	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	40	Wet	Good	Black Spruce
1114015	21/07/2011	505804	7072137	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Good	Black Spruce
1114016	21/07/2011	505779	7072093	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Good	Black Spruce
1114017	21/07/2011	505757	7072049	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	20	Wet	Good	Black Spruce
1114018	21/07/2011	505731	7072008	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Black Spruce
1114019	23/07/2011	512046	7071969	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Good	No Tree Cover
1114020	29/07/2011	517490	7074079	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	No Tree Cover
1114021	29/07/2011	517530	7074111	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1114022	29/07/2011	517573	7074140	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1114023	29/07/2011	517618	7074167	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1114024	29/07/2011	517661	7074195	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1114025	29/07/2011	517703	7074222	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Silt	Subtle Slope	B	30	Dry	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1114026	29/07/2011	517744	7074253	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Dry	Good	No Tree Cover
1114027	29/07/2011	517786	7074281	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1114028	29/07/2011	517824	7074315	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1114029	29/07/2011	517860	7074351	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1114030	29/07/2011	517894	7074388	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Good	No Tree Cover
1114031	29/07/2011	517927	7074427	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1114032	29/07/2011	517964	7074462	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Dry	Good	No Tree Cover
1114033	29/07/2011	518000	7074498	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Dry	Good	No Tree Cover
1114034	29/07/2011	518034	7074535	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1114035	29/07/2011	518070	7074570	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1114036	29/07/2011	518106	7074608	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Good	No Tree Cover
1114037	29/07/2011	518144	7074642	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1114038	29/07/2011	518177	7074680	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1114039	29/07/2011	518214	7074716	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	60	Damp	Excellent	No Tree Cover
1114040	29/07/2011	518249	7074754	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Dry	Good	No Tree Cover
1114041	29/07/2011	518282	7074791	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Dry	Good	No Tree Cover
1114042	29/07/2011	518316	7074829	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1114043	29/07/2011	518348	7074868	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Dry	Good	No Tree Cover
1114044	29/07/2011	518379	7074907	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	No Tree Cover
1114045	29/07/2011	518413	7074946	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1114046	29/07/2011	518444	7074988	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1114047	29/07/2011	518469	7075034	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	60	Dry	Excellent	Dwarf Birch
1114048	29/07/2011	518501	7075073	UTMZ7N_NAD83	Thin Moss Cover	Dark Blue Black	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1114049	29/07/2011	518533	7075113	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Dwarf Birch
1114050	29/07/2011	518562	7075154	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1114051	21/07/2011	509343	7072648	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	B	30	Damp	Good	Black Spruce
1114052	21/07/2011	509338	7072596	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Excellent	Black Spruce
1114053	21/07/2011	509328	7072545	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	Black Spruce
1114054	21/07/2011	509319	7072494	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Black Spruce
1114055	21/07/2011	509312	7072444	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Good	Black Spruce
1114056	21/07/2011	509300	7072395	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Black Spruce
1114057	21/07/2011	509293	7072342	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Black Spruce
1114058	21/07/2011	509285	7072292	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Wet	Poor	Black Spruce
1114059	21/07/2011	509277	7072241	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	O	50	Damp	Good	Black Spruce
1114060	21/07/2011	509265	7072191	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Excellent	Black Spruce
1114061	21/07/2011	509261	7072141	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Black Spruce
1114062	21/07/2011	509251	7072095	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Excellent	Black Spruce
1114063	21/07/2011	509246	7072044	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Black Spruce
1114064	21/07/2011	509235	7071995	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Black Spruce
1114065	21/07/2011	509225	7071945	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	Black Spruce
1114066	21/07/2011	509220	7071895	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Black Spruce
1114067	21/07/2011	509212	7071844	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Black Spruce
1114068	21/07/2011	509200	7071795	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	Black Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1114069	21/07/2011	509182	7071747	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Black Spruce
1114081	21/07/2011	509001	7071162	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Wet	Good	Old Burn
1114082	21/07/2011	508985	7071115	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	Black Spruce
1114084	28/07/2011	515685	7075993	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1114085	28/07/2011	515689	7076046	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1114086	21/07/2011	506391	7073410	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Good	Old Burn
1114087	21/07/2011	506372	7073364	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Wet	Good	Old Burn
1114088	21/07/2011	506356	7073314	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1114089	21/07/2011	506338	7073269	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Birch Forest
1114090	21/07/2011	506320	7073225	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Birch Forest
1114091	21/07/2011	506303	7073177	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1114092	21/07/2011	506284	7073129	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Old Burn
1114093	21/07/2011	506267	7073084	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Old Burn
1114094	21/07/2011	506250	7073037	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Excellent	Old Burn
1114095	21/07/2011	506233	7072991	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1114096	21/07/2011	506216	7072944	UTMZ7N_NAD83	Bare Soil	Light Brown	Sand	Subtle Slope	C	10	Dry	Excellent	Poplar
1114097	21/07/2011	506194	7072896	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Black Spruce
1114098	21/07/2011	506177	7072848	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Birch Forest
1114100	21/07/2011	506161	7072801	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Black Spruce
1114101	23/07/2011	511826	7072236	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1114102	23/07/2011	511782	7072211	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	No Tree Cover
1114103	23/07/2011	511736	7072191	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Dry	Good	No Tree Cover
1114104	23/07/2011	511689	7072171	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1114105	23/07/2011	511644	7072150	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1114106	23/07/2011	511598	7072129	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	No Tree Cover
1114107	23/07/2011	511551	7072109	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	No Tree Cover
1114108	23/07/2011	511506	7072085	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	No Tree Cover
1114109	23/07/2011	511458	7072066	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	No Tree Cover
1114110	23/07/2011	511413	7072043	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1114111	23/07/2011	511367	7072022	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1114112	23/07/2011	511322	7071998	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	No Tree Cover
1114113	23/07/2011	511277	7071974	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	No Tree Cover
1114114	23/07/2011	511233	7071951	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1114115	23/07/2011	511187	7071929	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1114116	23/07/2011	512006	7071911	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1114117	23/07/2011	511979	7071868	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1114118	23/07/2011	511954	7071826	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1114119	23/07/2011	511926	7071783	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1114120	23/07/2011	511900	7071741	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1114121	23/07/2011	511873	7071698	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Good	No Tree Cover
1114122	23/07/2011	511846	7071656	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	30	Damp	Poor	No Tree Cover
1114123	23/07/2011	511819	7071614	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Sand	Subtle Slope	C	40	Wet	Good	No Tree Cover
1114124	23/07/2011	511791	7071569	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Bluish Grey	Sand	Subtle Slope	C	30	Wet	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1114125	23/07/2011	511764	7071525	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Subtle Slope	B	40	Wet	Poor	No Tree Cover
1114126	23/07/2011	511735	7071481	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	60	Wet	Good	No Tree Cover
1114128	23/07/2011	511704	7071433	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	No Tree Cover
1114129	23/07/2011	511679	7071391	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Dwarf Birch
1114130	23/07/2011	511651	7071349	UTMZ7N_NAD83	Grass Cover	Light Brown	Clay	Subtle Slope	B	30	Dry	Good	Dwarf Birch
1114131	23/07/2011	511626	7071303	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1114132	23/07/2011	511593	7071260	UTMZ7N_NAD83	Grass Cover	Light Brown	Clay	Subtle Slope	C	30	Damp	Poor	Dwarf Birch
1114133	23/07/2011	511567	7071216	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Clay	Subtle Slope	B	20	Damp	Good	Dwarf Birch
1114134	23/07/2011	511540	7071173	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	No Tree Cover
1114135	23/07/2011	511513	7071130	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1114136	23/07/2011	511486	7071087	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1114137	23/07/2011	511458	7071044	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	No Tree Cover
1114138	23/07/2011	511432	7070998	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	No Tree Cover
1114139	23/07/2011	511410	7070950	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Dry	Good	No Tree Cover
1114140	23/07/2011	511393	7070901	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	Willows
1114141	23/07/2011	511373	7070853	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	90	Wet	Good	No Tree Cover
1114142	23/07/2011	511355	7070803	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Excellent	No Tree Cover
1114143	23/07/2011	511335	7070755	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	Dwarf Birch
1114144	23/07/2011	511316	7070705	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	70	Damp	Good	Dwarf Birch
1114145	23/07/2011	511293	7070645	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Wet	Good	No Tree Cover
1114146	24/07/2011	512879	7077632	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Poor	Black Spruce
1114147	24/07/2011	512925	7077660	UTMZ7N_NAD83	Bare Soil	Bluish Grey	Sand	Subtle Slope	C	50	Damp	Excellent	Old Burn
1114148	24/07/2011	512968	7077686	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Black Spruce
1114149	24/07/2011	513011	7077715	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Black Spruce
1114150	23/07/2011	511155	7071890	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1114151	23/07/2011	511119	7071856	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Excellent	No Tree Cover
1114152	23/07/2011	511088	7071815	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Dry	Excellent	No Tree Cover
1114153	23/07/2011	511060	7071774	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1114154	23/07/2011	511026	7071737	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1114155	23/07/2011	510997	7071696	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	No Tree Cover
1114156	23/07/2011	510962	7071658	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	No Tree Cover
1114157	23/07/2011	510931	7071618	UTMZ7N_NAD83	Thin Moss Cover	Dark Blue Black	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1114158	23/07/2011	510900	7071576	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1114159	23/07/2011	510864	7071540	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1114160	23/07/2011	510828	7071503	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Dry	Good	No Tree Cover
1114161	23/07/2011	510799	7071461	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1114162	23/07/2011	510766	7071420	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	No Tree Cover
1114163	23/07/2011	510742	7071376	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	No Tree Cover
1114164	23/07/2011	510712	7071334	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1114165	23/07/2011	510689	7071289	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Dry	Good	No Tree Cover
1114166	23/07/2011	510662	7071247	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1114201	24/07/2011	511810	7076674	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Black Spruce
1114202	24/07/2011	511801	7076723	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	Black Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1114203	24/07/2011	511792	7076773	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Black Spruce
1114204	24/07/2011	511783	7076822	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	Dwarf Birch
1114205	24/07/2011	511793	7076872	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Excellent	Black Spruce
1114206	24/07/2011	511790	7076923	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Black Spruce
1114207	24/07/2011	511797	7076972	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	Old Burn
1114208	24/07/2011	511794	7077023	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Dry	Good	Old Burn
1114209	24/07/2011	511801	7077073	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Dry	Excellent	Old Burn
1114210	24/07/2011	511807	7077123	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Subtle Slope	B	30	Dry	Good	Old Burn
1114211	24/07/2011	511815	7077174	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1114212	24/07/2011	511830	7077221	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1114213	24/07/2011	511865	7077257	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1114215	24/07/2011	511894	7077298	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1114216	24/07/2011	511929	7077337	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Subtle Slope	B	50	Dry	Good	Old Burn
1114217	24/07/2011	511962	7077375	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Old Burn
1114218	24/07/2011	511999	7077407	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Excellent	Old Burn
1114219	24/07/2011	512031	7077447	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1114220	24/07/2011	512069	7077482	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	Old Burn
1114221	24/07/2011	512097	7077524	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Old Burn
1114223	24/07/2011	512137	7077555	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1114224	24/07/2011	512167	7077597	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1114225	24/07/2011	512212	7077624	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Excellent	Old Burn
1114226	24/07/2011	512256	7077655	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Dry	Good	Old Burn
1114227	24/07/2011	512295	7077686	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Old Burn
1114228	24/07/2011	512340	7077712	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1114229	24/07/2011	512383	7077743	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1114230	24/07/2011	512423	7077774	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Dry	Good	Old Burn
1114231	24/07/2011	512467	7077804	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Dry	Good	Old Burn
1114232	24/07/2011	512511	7077832	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Good	Old Burn
1114233	24/07/2011	512552	7077864	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1114234	30/07/2011	519392	7072563	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	No Tree Cover
1114235	30/07/2011	519436	7072535	UTMZ7N_NAD83	Bare Soil	Grey	Clay	Flat	C	30	Wet	Good	No Tree Cover
1114236	24/07/2011	513054	7077743	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Bluish Grey	Sand	Subtle Slope	C	60	Damp	Good	Black Spruce
1114237	24/07/2011	513098	7077770	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Black Spruce
1114238	24/07/2011	513141	7077798	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Good	Black Spruce
1114240	24/07/2011	513189	7077826	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Black Spruce
1114241	24/07/2011	513230	7077854	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	Black Spruce
1114242	24/07/2011	513273	7077882	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Poor	Black Spruce
1114243	24/07/2011	513316	7077908	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Black Spruce
1114244	24/07/2011	513359	7077937	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Poor	Black Spruce
1114245	24/07/2011	513404	7077965	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Bluish Grey	Clay	Subtle Slope	B	30	Damp	Good	Black Spruce
1114246	24/07/2011	513448	7077991	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Black Spruce
1114247	24/07/2011	513491	7078019	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Black Spruce
1114248	24/07/2011	513533	7078045	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Wet	Good	Black Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1114249	24/07/2011	513577	7078071	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Old Burn
1114250	24/07/2011	513622	7078097	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	Old Burn
1114251	24/07/2011	513666	7078127	UTMZ7N_NAD83	Bare Soil	Bluish Grey	Clay	Subtle Slope	C	40	Wet	Good	Old Burn
1114252	24/07/2011	513707	7078152	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1114254	24/07/2011	513749	7078176	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Clay	Subtle Slope	C	30	Wet	Good	Old Burn
1114255	24/07/2011	513791	7078202	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Clay	Subtle Slope	C	50	Wet	Good	Old Burn
1114256	24/07/2011	513835	7078229	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	80	Wet	Excellent	Old Burn
1114257	24/07/2011	513877	7078256	UTMZ7N_NAD83	Bare Soil	Bluish Grey	Clay	Subtle Slope	C	60	Damp	Good	Old Burn
1114258	24/07/2011	513922	7078282	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Bluish Grey	Clay	Subtle Slope	C	40	Damp	Good	Old Burn
1114259	24/07/2011	513967	7078308	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1114260	24/07/2011	514010	7078342	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Willows
1114261	24/07/2011	514053	7078372	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Black Spruce
1114262	24/07/2011	514093	7078404	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Black Spruce
1114263	24/07/2011	514132	7078437	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	Black Spruce
1114264	24/07/2011	514165	7078460	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	60	Damp	Good	Black Spruce
1114265	25/07/2011	518592	7075227	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1114266	25/07/2011	518612	7075275	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1114267	25/07/2011	518632	7075322	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1114268	25/07/2011	517315	7076153	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Black Spruce
1114269	25/07/2011	517351	7076188	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Black Spruce
1114270	25/07/2011	517389	7076223	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Black Spruce
1114271	25/07/2011	517432	7076251	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Black Spruce
1114272	25/07/2011	517467	7076288	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	Black Spruce
1114273	25/07/2011	517507	7076322	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Black Spruce
1114274	25/07/2011	517545	7076356	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Black Spruce
1114275	25/07/2011	517586	7076386	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Black Spruce
1114276	25/07/2011	517622	7076422	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Good	Black Spruce
1114277	25/07/2011	517654	7076462	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Dry	Good	Black Spruce
1114278	25/07/2011	517683	7076504	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Black Spruce
1114279	25/07/2011	517711	7076547	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Black Spruce
1114280	25/07/2011	517738	7076590	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	Black Spruce
1114281	25/07/2011	517768	7076630	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Black Spruce
1114282	25/07/2011	517795	7076674	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	Black Spruce
1114283	25/07/2011	517821	7076718	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Black Spruce
1114284	25/07/2011	517844	7076764	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Black Spruce
1114285	25/07/2011	517862	7076812	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Black Spruce
1114286	25/07/2011	517874	7076862	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Black Spruce
1114288	25/07/2011	517887	7076911	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	O	40	Dry	Excellent	Black Spruce
1114289	25/07/2011	517903	7076960	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Dry	Good	Black Spruce
1114290	25/07/2011	517922	7077008	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Black Spruce
1114291	25/07/2011	517932	7077058	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Black Spruce
1114292	25/07/2011	517947	7077107	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Black Spruce
1114293	25/07/2011	517950	7077159	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Black Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1114294	25/07/2011	517950	7077210	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	80	Wet	Excellent	Black Spruce
1114295	25/07/2011	517951	7077262	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Good	Black Spruce
1114296	25/07/2011	517951	7077313	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Good	Black Spruce
1114297	25/07/2011	517960	7077363	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Black Spruce
1114298	25/07/2011	517978	7077411	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Black Spruce
1114299	25/07/2011	517999	7077457	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Black Spruce
1114301	25/07/2011	518007	7077492	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Black Spruce
1114302	30/07/2011	519480	7072506	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	40	Wet	Good	No Tree Cover
1114303	25/07/2011	518650	7075370	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Clay	Subtle Slope	C	20	Dry	Good	Dwarf Birch
1114304	25/07/2011	518669	7075418	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	20	Dry	Good	Dwarf Birch
1114305	25/07/2011	518687	7075464	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	60	Damp	Good	Dwarf Birch
1114306	25/07/2011	518706	7075511	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1114307	25/07/2011	518723	7075559	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	70	Damp	Good	Dwarf Birch
1114308	25/07/2011	518745	7075605	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Clay	Subtle Slope	C	20	Damp	Good	No Tree Cover
1114309	25/07/2011	518774	7075647	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1114310	25/07/2011	518805	7075688	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1114311	25/07/2011	518839	7075728	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1114312	25/07/2011	518869	7075767	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1114314	25/07/2011	518899	7075805	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1114315	25/07/2011	518930	7075845	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1114525	20/07/2011	509004	7068540	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Flat	C	50	Dry	Good	Old Burn
1114526	20/07/2011	508965	7068507	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Flat	C	50	Dry	Good	Old Burn
1114527	20/07/2011	508928	7068477	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Flat	C	40	Dry	Good	Old Burn
1114528	20/07/2011	508885	7068443	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	40	Dry	Poor	Old Burn
1114529	20/07/2011	508853	7068413	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	50	Dry	Good	Old Burn
1114530	20/07/2011	508813	7068377	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	C	50	Dry	Good	Old Burn
1114531	20/07/2011	508774	7068345	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Flat	C	40	Dry	Good	Old Burn
1114532	20/07/2011	508733	7068315	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Dry	Excellent	Old Burn
1114533	20/07/2011	508696	7068280	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	60	Dry	Excellent	Old Burn
1114534	20/07/2011	508697	7068281	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	60	Dry	Excellent	Old Burn
1114535	21/07/2011	510067	7076604	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	White Spruce
1114734	29/07/2011	522334	7076501	UTMZ7N_NAD83	Thin Moss Cover	Dark Blue Black	Sand	Pronounced Slope	C	30	Damp	Poor	Old Burn
1114735	29/07/2011	522337	7076552	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	Old Burn
1114736	29/07/2011	522343	7076601	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Old Burn
1114737	29/07/2011	522354	7076649	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1114738	29/07/2011	522371	7076751	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Silt	Subtle Slope	C	50	Dry	Good	Old Burn
1114739	29/07/2011	522375	7076801	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1114740	29/07/2011	522389	7076849	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1114741	29/07/2011	522402	7076896	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1114742	29/07/2011	522415	7076948	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1114743	29/07/2011	522425	7076994	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1114744	29/07/2011	522429	7077045	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1115008	23/07/2011	510608	7073711	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Wet	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1115009	23/07/2011	510559	7073718	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1115010	23/07/2011	510515	7073743	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	No Tree Cover
1115011	23/07/2011	510465	7073739	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1115012	23/07/2011	510415	7073737	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1115013	23/07/2011	510365	7073728	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Flat	B	70	Damp	Good	Black Spruce
1115014	23/07/2011	510315	7073729	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	Black Spruce
1115015	23/07/2011	510264	7073723	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Black Spruce
1115016	23/07/2011	510215	7073723	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	50	Wet	Good	Black Spruce
1115017	23/07/2011	510164	7073723	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	50	Wet	Good	Black Spruce
1115018	23/07/2011	510065	7073713	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Black Spruce
1115254	25/07/2011	519100	7076533	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	White Spruce
1115255	25/07/2011	519077	7076577	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	White Spruce
1115256	25/07/2011	519055	7076625	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	White Spruce
1115257	25/07/2011	519029	7076670	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1115258	25/07/2011	519005	7076715	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	White Spruce
1115259	25/07/2011	518986	7076760	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Dry	Good	White Spruce
1115260	25/07/2011	518969	7076807	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	White Spruce
1115261	25/07/2011	518946	7076852	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	White Spruce
1115262	25/07/2011	518926	7076897	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1115263	25/07/2011	518916	7076946	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1115264	25/07/2011	518894	7076991	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	70	Damp	Good	Willows
1115485	05/08/2011	524956	7070134	UTMZ7N_NAD83	Grass Cover	Grey	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1115486	05/08/2011	526117	7070156	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Good	Old Burn
1115488	24/07/2011	514947	7078869	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1115489	24/07/2011	514904	7078847	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Poor	Black Spruce
1115490	24/07/2011	514853	7078827	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Wet	Good	Black Spruce
1115491	24/07/2011	514815	7078804	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Poor	Black Spruce
1115492	24/07/2011	514779	7078790	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Clay	Subtle Slope	B	50	Wet	Good	Black Spruce
1115493	24/07/2011	514735	7078768	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1115494	24/07/2011	514690	7078747	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Clay	Subtle Slope	C	50	Damp	Poor	Black Spruce
1115495	24/07/2011	514648	7078722	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	80	Wet	Good	Black Spruce
1115496	24/07/2011	514605	7078700	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Subtle Slope	C	50	Wet	Poor	Black Spruce
1115724	05/08/2011	524448	7070105	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Excellent	No Tree Cover
1115725	05/08/2011	524498	7070107	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1115726	05/08/2011	524548	7070115	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	No Tree Cover
1115727	05/08/2011	524597	7070118	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	No Tree Cover
1115728	05/08/2011	524599	7070115	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	No Tree Cover
1115729	05/08/2011	524647	7070121	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Poor	No Tree Cover
1115730	05/08/2011	524699	7070125	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	No Tree Cover
1115731	05/08/2011	524748	7070128	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Steep	B	40	Damp	Good	Old Burn
1115737	21/07/2011	507379	7067248	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1115738	21/07/2011	507322	7067236	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1115739	21/07/2011	507275	7067226	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1114316	25/07/2011	518959	7075887	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1114317	25/07/2011	518994	7075925	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1114318	25/07/2011	519024	7075966	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1114319	25/07/2011	519054	7076006	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	20	Damp	Excellent	Dwarf Birch
1114320	25/07/2011	519089	7076045	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Clay	Subtle Slope	C	30	Damp	Good	Dwarf Birch
1114321	25/07/2011	519118	7076086	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	Dwarf Birch
1114322	25/07/2011	519146	7076130	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1114323	25/07/2011	519161	7076178	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Subtle Slope	C	40	Damp	Poor	Dwarf Birch
1114324	25/07/2011	519173	7076228	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Clay	Subtle Slope	C	30	Damp	Good	Dwarf Birch
1114325	25/07/2011	519185	7076279	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1114326	25/07/2011	519192	7076331	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Dwarf Birch
1114327	25/07/2011	519226	7076369	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	Dwarf Birch
1114328	25/07/2011	519269	7076399	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Clay	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1114329	25/07/2011	519308	7076432	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Dwarf Birch
1114330	25/07/2011	519349	7076461	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Excellent	Dwarf Birch
1114331	25/07/2011	519392	7076489	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	Dwarf Birch
1114332	25/07/2011	519419	7076520	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Wet	Good	Dwarf Birch
1114333	28/07/2011	513609	7074057	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Good	No Tree Cover
1114334	28/07/2011	513633	7074102	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Wet	Good	Dwarf Birch
1114335	28/07/2011	513556	7073968	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Dwarf Birch
1114336	28/07/2011	513581	7074010	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	No Tree Cover
1114337	28/07/2011	513659	7074146	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Poor	Dwarf Birch
1114338	28/07/2011	513685	7074189	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	No Tree Cover
1114339	28/07/2011	513710	7074233	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	20	Damp	Good	No Tree Cover
1114340	28/07/2011	513734	7074279	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	C	20	Damp	Good	Dwarf Birch
1114341	27/07/2011	516554	7072850	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	10	Damp	Good	No Tree Cover
1114342	27/07/2011	516581	7072892	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	C	50	Damp	Good	No Tree Cover
1114343	27/07/2011	516607	7072936	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Clay	Subtle Slope	C	20	Damp	Good	No Tree Cover
1114344	27/07/2011	516636	7072978	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Good	No Tree Cover
1114345	27/07/2011	516663	7073023	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	C	40	Damp	Good	No Tree Cover
1114346	27/07/2011	516689	7073066	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	30	Damp	Excellent	No Tree Cover
1114347	27/07/2011	516717	7073108	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Pronounced Slope	C	20	Damp	Good	No Tree Cover
1114348	27/07/2011	516741	7073151	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Flat	B	20	Damp	Good	No Tree Cover
1114349	27/07/2011	516756	7073201	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Poor	No Tree Cover
1114350	27/07/2011	516770	7073251	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Excellent	No Tree Cover
1114351	27/07/2011	516781	7073301	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Excellent	No Tree Cover
1114352	27/07/2011	516793	7073352	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	20	Damp	Good	No Tree Cover
1114353	27/07/2011	516806	7073402	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Clay	Subtle Slope	C	30	Damp	Good	No Tree Cover
1114354	27/07/2011	516820	7073452	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	C	20	Damp	Good	No Tree Cover
1114355	27/07/2011	516832	7073502	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	No Tree Cover
1114356	27/07/2011	516852	7073552	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	No Tree Cover
1114357	27/07/2011	516876	7073596	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	No Tree Cover
1114358	27/07/2011	516904	7073639	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Clay	Subtle Slope	C	30	Damp	Poor	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1114359	27/07/2011	516931	7073681	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	C	30	Damp	Good	No Tree Cover
1114360	27/07/2011	516957	7073726	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Clay	Subtle Slope	C	50	Damp	Good	No Tree Cover
1114362	27/07/2011	516986	7073767	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	20	Damp	Good	No Tree Cover
1114363	27/07/2011	517014	7073809	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Clay	Subtle Slope	C	10	Damp	Good	No Tree Cover
1114364	27/07/2011	517055	7073838	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Clay	Subtle Slope	C	10	Damp	Good	No Tree Cover
1114365	27/07/2011	517100	7073864	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Clay	Subtle Slope	C	20	Damp	Good	No Tree Cover
1114366	27/07/2011	517143	7073894	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	No Tree Cover
1114367	27/07/2011	517186	7073921	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	No Tree Cover
1114368	27/07/2011	517228	7073951	UTMZ7N_NAD83	Thin Moss Cover	Dark Grey Black	Clay	Subtle Slope	B	20	Damp	Poor	No Tree Cover
1114369	27/07/2011	517273	7073978	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	No Tree Cover
1114370	27/07/2011	517314	7074007	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	No Tree Cover
1114371	27/07/2011	517359	7074035	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	10	Damp	Good	No Tree Cover
1114372	27/07/2011	517407	7074053	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	20	Damp	Good	No Tree Cover
1114373	27/07/2011	517442	7074066	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Clay	Pronounced Slope	C	20	Damp	Good	No Tree Cover
1114374	28/07/2011	513760	7074324	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Dwarf Birch
1114375	28/07/2011	513784	7074369	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Good	Dwarf Birch
1114376	27/07/2011	515343	7071816	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Damp	Good	No Tree Cover
1114377	27/07/2011	515386	7071845	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	No Tree Cover
1114378	27/07/2011	515428	7071876	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	No Tree Cover
1114379	27/07/2011	515471	7071901	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	No Tree Cover
1114380	27/07/2011	515513	7071931	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	No Tree Cover
1114381	27/07/2011	515555	7071960	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1114382	27/07/2011	515597	7071988	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1114383	27/07/2011	515635	7072024	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1114384	27/07/2011	515674	7072055	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1114385	27/07/2011	515712	7072089	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1114386	27/07/2011	515749	7072124	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Excellent	No Tree Cover
1114387	27/07/2011	515788	7072157	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1114388	27/07/2011	515827	7072189	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1114389	27/07/2011	515865	7072224	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1114390	27/07/2011	515899	7072260	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1114391	27/07/2011	515932	7072299	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1114392	27/07/2011	515966	7072338	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	No Tree Cover
1114393	27/07/2011	516000	7072375	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	80	Wet	Excellent	No Tree Cover
1114394	27/07/2011	516039	7072409	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1114395	27/07/2011	516079	7072439	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1114396	27/07/2011	516121	7072469	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Dry	Good	No Tree Cover
1114397	27/07/2011	516162	7072498	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1114398	27/07/2011	516202	7072531	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1114399	27/07/2011	516243	7072561	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1114400	27/07/2011	516280	7072597	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	No Tree Cover
1114401	27/07/2011	516321	7072627	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1114402	27/07/2011	516362	7072658	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1114403	27/07/2011	516400	7072693	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	No Tree Cover
1114404	27/07/2011	516439	7072727	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1114405	27/07/2011	516484	7072752	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1114406	27/07/2011	516514	7072792	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1114408	27/07/2011	516535	7072828	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1114409	30/07/2011	519346	7072585	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1114410	30/07/2011	519300	7072614	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	C	40	Damp	Good	No Tree Cover
1114411	29/07/2011	514905	7072578	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	5	Damp	Good	No Tree Cover
1114412	29/07/2011	514891	7072529	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Clay	Subtle Slope	C	30	Damp	Poor	No Tree Cover
1114413	29/07/2011	514873	7072480	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Good	No Tree Cover
1114414	29/07/2011	514857	7072430	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	No Tree Cover
1114415	29/07/2011	514842	7072382	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	20	Damp	Good	No Tree Cover
1114416	29/07/2011	514825	7072333	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Clay	Subtle Slope	C	40	Wet	Good	No Tree Cover
1114417	29/07/2011	514808	7072284	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	No Tree Cover
1114418	29/07/2011	514792	7072236	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	30	Damp	Excellent	No Tree Cover
1114419	29/07/2011	514777	7072189	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Bluish Grey	Clay	Subtle Slope	C	60	Damp	Good	No Tree Cover
1114420	29/07/2011	514745	7072149	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Bluish Grey	Clay	Subtle Slope	C	70	Wet	Poor	No Tree Cover
1114421	29/07/2011	514718	7072104	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Bluish Grey	Clay	Subtle Slope	C	50	Damp	Good	No Tree Cover
1114422	29/07/2011	514690	7072064	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Clay	Subtle Slope	C	60	Damp	Good	No Tree Cover
1114423	29/07/2011	514664	7072019	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Clay	Subtle Slope	C	50	Damp	Good	No Tree Cover
1114424	29/07/2011	514635	7071978	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Clay	Subtle Slope	C	90	Wet	Poor	No Tree Cover
1114425	29/07/2011	514609	7071935	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	No Tree Cover
1114427	29/07/2011	514582	7071891	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Excellent	No Tree Cover
1114428	29/07/2011	514554	7071848	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	No Tree Cover
1114429	29/07/2011	514526	7071804	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Damp	Excellent	No Tree Cover
1114430	29/07/2011	514498	7071761	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Wet	Good	No Tree Cover
1114431	29/07/2011	514471	7071717	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	30	Dry	Poor	No Tree Cover
1114432	29/07/2011	514449	7071671	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Excellent	No Tree Cover
1114433	29/07/2011	514426	7071624	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Clay	Subtle Slope	C	40	Wet	Good	No Tree Cover
1114434	29/07/2011	514402	7071578	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Poor	No Tree Cover
1114435	29/07/2011	514379	7071530	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	40	Wet	Poor	No Tree Cover
1114436	29/07/2011	514357	7071484	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	40	Wet	Poor	No Tree Cover
1114437	29/07/2011	514335	7071438	UTMZ7N_NAD83	Thin Moss Cover	Dark Grey Black	Clay	Subtle Slope	B	5	Damp	Poor	No Tree Cover
1114438	29/07/2011	514312	7071391	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	C	50	Damp	Excellent	No Tree Cover
1114439	29/07/2011	514277	7071352	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1114440	29/07/2011	514240	7071317	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	No Tree Cover
1114441	29/07/2011	514201	7071283	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1114442	29/07/2011	514160	7071250	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	No Tree Cover
1114444	29/07/2011	514126	7071214	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	80	Wet	Good	No Tree Cover
1114445	31/07/2011	527559	7071044	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Clay	Flat	C	20	Damp	Good	No Tree Cover
1114446	31/07/2011	527510	7071029	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	C	30	Damp	Good	No Tree Cover
1114447	31/07/2011	527461	7071011	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	No Tree Cover
1114451	28/07/2011	516361	7075297	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Excellent	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1114452	28/07/2011	516324	7075332	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Excellent	No Tree Cover
1114453	28/07/2011	516288	7075369	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1114454	28/07/2011	516253	7075405	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1114455	28/07/2011	516214	7075439	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1114456	28/07/2011	516181	7075477	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	No Tree Cover
1114457	28/07/2011	516143	7075513	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1114458	28/07/2011	516106	7075549	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1114459	28/07/2011	516068	7075584	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1114460	28/07/2011	516029	7075617	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1114461	28/07/2011	515993	7075653	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1114462	28/07/2011	515953	7075688	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1114463	28/07/2011	515918	7075725	UTMZ7N_NAD83	Bare Soil	Grey	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1114464	28/07/2011	515877	7075756	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	No Tree Cover
1114465	28/07/2011	515843	7075795	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1114466	28/07/2011	515813	7075835	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	No Tree Cover
1114467	28/07/2011	515778	7075871	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1114468	28/07/2011	515746	7075912	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1114469	28/07/2011	515719	7075956	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1114471	28/07/2011	513808	7074414	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	Dwarf Birch
1114472	28/07/2011	513837	7074458	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Clay	Pronounced Slope	C	30	Damp	Good	No Tree Cover
1114473	28/07/2011	513871	7074501	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1114474	28/07/2011	513902	7074540	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	60	Damp	Good	Dwarf Birch
1114475	28/07/2011	513934	7074580	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Pronounced Slope	B	20	Damp	Good	Dwarf Birch
1114476	28/07/2011	513968	7074620	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	C	20	Damp	Poor	Dwarf Birch
1114477	28/07/2011	513999	7074660	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	C	30	Damp	Good	Dwarf Birch
1114478	28/07/2011	514031	7074700	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Dwarf Birch
1114480	28/07/2011	514059	7074741	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Good	Willows
1114481	28/07/2011	514088	7074784	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Poor	Willows
1114482	28/07/2011	514115	7074828	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	C	50	Damp	Good	Dwarf Birch
1114483	28/07/2011	514146	7074871	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1114484	28/07/2011	514172	7074917	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1114485	28/07/2011	514198	7074964	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	60	Damp	Good	Dwarf Birch
1114486	28/07/2011	514224	7075009	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1114487	28/07/2011	514250	7075053	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	80	Wet	Good	No Tree Cover
1114488	28/07/2011	514276	7075098	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1114489	28/07/2011	514304	7075142	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1114490	28/07/2011	514326	7075187	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Poor	Dwarf Birch
1114491	28/07/2011	514348	7075234	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Poor	No Tree Cover
1114492	28/07/2011	514374	7075273	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1114501	20/07/2011	510040	7068917	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	C	40	Damp	Poor	Old Burn
1114502	20/07/2011	509991	7068907	UTMZ7N_NAD83	Leaf Cover	Dark Brown	Sand	Subtle Slope	B	30	Damp	Good	Black Spruce
1114503	20/07/2011	509940	7068883	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Good	Black Spruce
1114504	20/07/2011	509889	7068875	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	80	Damp	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1114505	20/07/2011	509834	7068872	UTMZ7N_NAD83	Grass Cover	Grey	Sand	Flat	C	70	Damp	Good	Old Burn
1114506	20/07/2011	509783	7068856	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1114507	20/07/2011	509737	7068854	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1114508	20/07/2011	509685	7068844	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Flat	C	30	Dry	Good	Old Burn
1114509	20/07/2011	509637	7068826	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Flat	C	30	Dry	Excellent	Old Burn
1114511	20/07/2011	509583	7068819	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1114512	20/07/2011	509537	7068812	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1114514	20/07/2011	509486	7068804	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1114515	20/07/2011	509435	7068796	UTMZ7N_NAD83	Leaf Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1114516	20/07/2011	509390	7068778	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1114517	20/07/2011	509339	7068771	UTMZ7N_NAD83	Frost Boil	Reddish Yellow	Sand	Subtle Slope	C	60	Wet	Good	Old Burn
1114518	20/07/2011	509288	7068758	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1114519	20/07/2011	509242	7068750	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1114520	20/07/2011	509201	7068723	UTMZ7N_NAD83	Bare Soil	Grey	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1114521	20/07/2011	509158	7068690	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1114522	20/07/2011	509106	7068667	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1114523	20/07/2011	509084	7068615	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Good	Old Burn
1114524	20/07/2011	509038	7068584	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Dry	Good	Old Burn
1114536	21/07/2011	510047	7076565	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	B	30	Dry	Good	Willows
1114537	21/07/2011	510019	7076522	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	C	70	Damp	Good	Willows
1114538	21/07/2011	509998	7076477	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	C	80	Dry	Good	Willows
1114539	21/07/2011	509968	7076435	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Willows
1114540	21/07/2011	509939	7076396	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Willows
1114541	21/07/2011	509912	7076356	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	C	60	Damp	Good	White Spruce
1114542	21/07/2011	509886	7076310	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Willows
1114543	21/07/2011	509862	7076267	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	80	Dry	Good	Willows
1114544	21/07/2011	509847	7076219	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	90	Dry	Good	Willows
1114545	21/07/2011	509825	7076172	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Good	Willows
1114546	21/07/2011	509792	7076137	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Willows
1114547	21/07/2011	509763	7076097	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Willows
1114548	21/07/2011	509738	7076043	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	White Spruce
1114549	21/07/2011	509728	7076002	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Willows
1114550	21/07/2011	509704	7075956	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Willows
1114551	21/07/2011	509688	7075911	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	White Spruce
1114552	21/07/2011	509670	7075862	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Willows
1114553	21/07/2011	509650	7075809	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Willows
1114554	21/07/2011	509607	7075775	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	90	Damp	Good	Willows
1114555	21/07/2011	509567	7075739	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	White Spruce
1114556	21/07/2011	509517	7075728	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	White Spruce
1114557	21/07/2011	509476	7075694	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Willows
1114558	21/07/2011	509432	7075671	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Willows
1114559	21/07/2011	509394	7075638	UTMZ7N_NAD83	Needle Cover	Dark Brown	Sand	Subtle Slope	B	50	Damp	Good	White Spruce
1114560	21/07/2011	509349	7075623	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Good	Willows

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1114561	21/07/2011	509267	7075591	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	70	Damp	Good	White Spruce
1114562	21/07/2011	509222	7075582	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1114563	21/07/2011	509171	7075566	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Willows
1114564	21/07/2011	509117	7075553	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Dry	Good	Willows
1114565	21/07/2011	509072	7075537	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Willows
1114566	23/07/2011	507362	7075003	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	White Spruce
1114567	23/07/2011	507350	7074954	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Flat	C	40	Dry	Good	White Spruce
1114568	23/07/2011	507335	7074901	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Flat	C	30	Dry	Good	White Spruce
1114569	23/07/2011	507330	7074853	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	C	30	Dry	Good	White Spruce
1114570	23/07/2011	507316	7074800	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	C	30	Dry	Good	White Spruce
1114571	23/07/2011	507306	7074755	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Good	White Spruce
1114572	23/07/2011	507284	7074710	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Dry	Good	White Spruce
1114573	23/07/2011	507276	7074660	UTMZ7N_NAD83	Thin Moss Cover	Grey	Silt	Flat	C	40	Dry	Poor	White Spruce
1114574	23/07/2011	507268	7074609	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Good	White Spruce
1114575	23/07/2011	507250	7074565	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	White Spruce
1114576	23/07/2011	507238	7074513	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	20	Dry	Good	White Spruce
1114577	23/07/2011	507228	7074469	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	C	50	Dry	Good	White Spruce
1114578	23/07/2011	507221	7074416	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	White Spruce
1114579	23/07/2011	507204	7074367	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Poor	White Spruce
1114580	23/07/2011	507203	7074318	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Dry	Good	White Spruce
1114581	23/07/2011	507185	7074270	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	50	Dry	Good	White Spruce
1114582	23/07/2011	507172	7074219	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	White Spruce
1114583	23/07/2011	507157	7074180	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	White Spruce
1114584	23/07/2011	507153	7074128	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	White Spruce
1114585	23/07/2011	507142	7074084	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Dwarf Birch
1114586	23/07/2011	507130	7074041	UTMZ7N_NAD83	Thin Moss Cover	Grey	Silt	Flat	C	60	Dry	Good	White Spruce
1114587	23/07/2011	507130	7073983	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Good	White Spruce
1114588	23/07/2011	507111	7073943	UTMZ7N_NAD83	Leaf Cover	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Good	Willows
1114589	23/07/2011	507103	7073886	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1114590	23/07/2011	507101	7073833	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Birch Forest
1114591	23/07/2011	507090	7073784	UTMZ7N_NAD83	Leaf Cover	Grey	Sand	Flat	C	20	Dry	Poor	Birch Forest
1114592	23/07/2011	507072	7073739	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Birch Forest
1114593	23/07/2011	507060	7073692	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Dry	Good	Birch Forest
1114594	23/07/2011	507052	7073644	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Birch Forest
1114595	23/07/2011	507042	7073589	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Birch Forest
1114596	23/07/2011	507027	7073543	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Good	White Spruce
1114597	23/07/2011	507019	7073495	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	White Spruce
1114598	23/07/2011	507015	7073448	UTMZ7N_NAD83	Needle Cover	Chocolate Brown	Sand	Pronounced Slope	C	70	Dry	Excellent	White Spruce
1114599	23/07/2011	507009	7073446	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	70	Dry	Excellent	White Spruce
1114600	24/07/2011	515929	7076575	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	C	40	Dry	Good	Old Burn
1114601	24/07/2011	515958	7076626	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	C	40	Dry	Good	Old Burn
1114602	24/07/2011	515987	7076667	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1114603	24/07/2011	516017	7076714	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Flat	C	50	Dry	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1114604	24/07/2011	516043	7076765	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	C	30	Dry	Good	Old Burn
1114605	24/07/2011	516085	7076803	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Good	White Spruce
1114606	24/07/2011	516114	7076855	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	White Spruce
1114607	24/07/2011	516131	7076900	UTMZ7N_NAD83	Thin Moss Cover	Grey	Silt	Flat	C	60	Dry	Good	White Spruce
1114608	24/07/2011	516161	7076940	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Flat	C	60	Dry	Good	White Spruce
1114609	24/07/2011	516191	7076984	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Flat	C	50	Dry	Excellent	White Spruce
1114610	24/07/2011	516218	7077025	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Silt	Flat	C	50	Dry	Good	White Spruce
1114611	24/07/2011	516246	7077065	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Flat	C	40	Dry	Good	White Spruce
1114612	24/07/2011	516276	7077110	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	White Spruce
1114613	24/07/2011	516301	7077155	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Flat	C	50	Dry	Good	White Spruce
1114614	24/07/2011	516338	7077188	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Dry	Good	White Spruce
1114615	24/07/2011	516378	7077219	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Flat	C	30	Dry	Good	White Spruce
1114616	24/07/2011	516409	7077260	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	White Spruce
1114617	24/07/2011	516446	7077295	UTMZ7N_NAD83	Thin Moss Cover	Reddish Orange	Sand	Subtle Slope	C	20	Dry	Good	White Spruce
1114618	24/07/2011	516480	7077331	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Willows
1114619	24/07/2011	516524	7077361	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Poor	Willows
1114620	24/07/2011	516557	7077399	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Subtle Slope	C	40	Dry	Good	Willows
1114621	24/07/2011	516599	7077442	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Silt	Subtle Slope	C	40	Dry	Good	White Spruce
1114622	24/07/2011	516642	7077465	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Willows
1114623	24/07/2011	516694	7077477	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	White Spruce
1114624	24/07/2011	516733	7077511	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Good	White Spruce
1114625	24/07/2011	516768	7077543	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	C	40	Dry	Good	Willows
1114626	24/07/2011	516809	7077573	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	White Spruce
1114627	24/07/2011	516809	7077570	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	White Spruce
1114628	24/07/2011	516851	7077598	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	20	Dry	Good	White Spruce
1114629	24/07/2011	516888	7077632	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	White Spruce
1114630	24/07/2011	516943	7077647	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	White Spruce
1114631	24/07/2011	516981	7077680	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	White Spruce
1114632	25/07/2011	520818	7077412	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Birch Forest
1114633	25/07/2011	520864	7077440	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1114634	25/07/2011	520898	7077476	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1114635	25/07/2011	520943	7077497	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1114636	25/07/2011	520979	7077537	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1114637	25/07/2011	521018	7077566	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Good	Old Burn
1114638	25/07/2011	521060	7077594	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1114639	25/07/2011	521100	7077627	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1114641	25/07/2011	521143	7077653	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1114642	25/07/2011	521190	7077672	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1114643	25/07/2011	521232	7077701	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1114644	25/07/2011	521278	7077721	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	80	Dry	Excellent	Old Burn
1114646	25/07/2011	521323	7077744	UTMZ7N_NAD83	Burnt Moss	Reddish Orange	Sand	Subtle Slope	C	70	Dry	Excellent	Old Burn
1114647	25/07/2011	521360	7077779	UTMZ7N_NAD83	Burnt Moss	Grey	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1114648	25/07/2011	521404	7077803	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1114649	25/07/2011	521447	7077825	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	White Spruce
1114650	25/07/2011	521482	7077859	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Birch Forest
1114651	25/07/2011	521506	7077915	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Birch Forest
1114652	25/07/2011	521530	7077957	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1114653	25/07/2011	521528	7078012	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1114654	25/07/2011	521556	7078051	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	60	Dry	Good	Old Burn
1114655	25/07/2011	521588	7078095	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Old Burn
1114656	25/07/2011	521618	7078138	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1114657	25/07/2011	521637	7078183	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Old Burn
1114658	25/07/2011	521668	7078230	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	60	Damp	Good	Old Burn
1114659	25/07/2011	521695	7078263	UTMZ7N_NAD83	Thin Moss Cover	Grey	Silt	Flat	B	100	Damp	Good	Old Burn
1114660	25/07/2011	521727	7078300	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Silt	Flat	B	80	Damp	Good	Old Burn
1114661	25/07/2011	521756	7078346	UTMZ7N_NAD83	Thin Moss Cover	Grey	Silt	Flat	B	110	Damp	Good	Old Burn
1114662	25/07/2011	521779	7078389	UTMZ7N_NAD83	Grass Cover	Dark Blue Black	Silt	Flat	C	70	Damp	Good	Old Burn
1114663	25/07/2011	521806	7078435	UTMZ7N_NAD83	Thin Moss Cover	Grey	Clay	Flat	B	60	Dry	Good	Old Burn
1114664	25/07/2011	521831	7078474	UTMZ7N_NAD83	Thin Moss Cover	Grey	Silt	Flat	B	70	Damp	Good	Old Burn
1114665	25/07/2011	521862	7078512	UTMZ7N_NAD83	Grass Cover	Grey	Clay	Flat	B	70	Damp	Good	Old Burn
1114666	27/07/2011	511885	7072283	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Dry	Good	No Tree Cover
1114667	27/07/2011	511849	7072320	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Dry	Good	No Tree Cover
1114668	27/07/2011	511820	7072360	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Good	No Tree Cover
1114669	27/07/2011	511788	7072399	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Good	No Tree Cover
1114670	27/07/2011	511755	7072437	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Dry	Good	No Tree Cover
1114671	27/07/2011	511722	7072480	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Good	No Tree Cover
1114672	27/07/2011	511689	7072510	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	No Tree Cover
1114673	27/07/2011	511659	7072554	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Sand	Flat	C	50	Dry	Good	No Tree Cover
1114674	27/07/2011	511630	7072589	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	30	Dry	Good	No Tree Cover
1114675	27/07/2011	511597	7072626	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1114676	27/07/2011	511559	7072667	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Dry	Good	No Tree Cover
1114677	27/07/2011	511529	7072702	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	60	Damp	Good	No Tree Cover
1114678	27/07/2011	511501	7072744	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Dry	Good	No Tree Cover
1114679	27/07/2011	511469	7072784	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Dry	Good	No Tree Cover
1114680	27/07/2011	511439	7072820	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Good	No Tree Cover
1114681	27/07/2011	511405	7072860	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Dry	Good	No Tree Cover
1114682	27/07/2011	511375	7072904	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1114683	27/07/2011	511354	7072945	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1114685	27/07/2011	511313	7072980	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Dry	Good	No Tree Cover
1114686	27/07/2011	511287	7073025	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Dry	Good	No Tree Cover
1114687	27/07/2011	511249	7073059	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1114688	27/07/2011	511217	7073097	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Dry	Good	No Tree Cover
1114689	27/07/2011	511193	7073143	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Good	No Tree Cover
1114690	27/07/2011	511160	7073181	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Sand	Flat	C	40	Dry	Excellent	No Tree Cover
1114691	27/07/2011	511135	7073220	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	60	Dry	Good	No Tree Cover
1114692	27/07/2011	511105	7073264	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Flat	C	40	Dry	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1114693	27/07/2011	511080	7073303	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1114694	27/07/2011	511047	7073349	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Pronounced Slope	C	60	Dry	Good	No Tree Cover
1114695	27/07/2011	511027	7073391	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	70	Dry	Good	No Tree Cover
1114696	27/07/2011	510995	7073428	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Poor	No Tree Cover
1114697	27/07/2011	510960	7073477	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	70	Dry	Excellent	No Tree Cover
1114698	27/07/2011	510947	7073520	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	60	Dry	Good	No Tree Cover
1114699	28/07/2011	511937	7069423	UTMZ7N_NAD83	Thin Moss Cover	Grey	Silt	Flat	C	50	Dry	Good	No Tree Cover
1114700	28/07/2011	511945	7069473	UTMZ7N_NAD83	Thin Moss Cover	Grey	Silt	Flat	C	60	Dry	Good	No Tree Cover
1114701	28/07/2011	511951	7069522	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1114702	28/07/2011	511961	7069571	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	30	Dry	Good	No Tree Cover
1114703	28/07/2011	511970	7069622	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	No Tree Cover
1114704	28/07/2011	511978	7069671	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1114705	28/07/2011	512000	7069717	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Dry	Poor	No Tree Cover
1114706	28/07/2011	512012	7069770	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Dry	Good	No Tree Cover
1114707	28/07/2011	512023	7069826	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Good	No Tree Cover
1114708	28/07/2011	512048	7069869	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1114709	28/07/2011	512058	7069912	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Dry	Good	No Tree Cover
1114710	28/07/2011	512084	7069962	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Silt	Flat	C	50	Dry	Good	No Tree Cover
1114711	28/07/2011	512112	7070003	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Dry	Good	No Tree Cover
1114712	28/07/2011	512134	7070049	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Dry	Good	No Tree Cover
1114713	28/07/2011	512157	7070095	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Damp	Good	No Tree Cover
1114714	28/07/2011	512175	7070143	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	No Tree Cover
1114715	28/07/2011	512195	7070187	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	No Tree Cover
1114716	28/07/2011	512218	7070230	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Damp	Good	No Tree Cover
1114717	28/07/2011	512234	7070273	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1114718	28/07/2011	512248	7070319	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	60	Dry	Excellent	No Tree Cover
1114719	28/07/2011	512267	7070367	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1114720	28/07/2011	512290	7070413	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Good	No Tree Cover
1114721	28/07/2011	512303	7070461	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Silt	Flat	C	50	Dry	Good	No Tree Cover
1114722	28/07/2011	512318	7070508	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Good	No Tree Cover
1114723	28/07/2011	512337	7070555	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	30	Dry	Poor	No Tree Cover
1114724	28/07/2011	512349	7070603	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1114725	28/07/2011	512363	7070653	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1114726	28/07/2011	512380	7070704	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	No Tree Cover
1114728	28/07/2011	512395	7070746	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1114729	28/07/2011	512415	7070796	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	60	Dry	Excellent	No Tree Cover
1114731	28/07/2011	512437	7070841	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Dry	Good	No Tree Cover
1114732	28/07/2011	512439	7070890	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Flat	C	60	Dry	Good	No Tree Cover
1114733	29/07/2011	522322	7076447	UTMZ7N_NAD83	Grass Cover	Grey	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1114745	29/07/2011	522444	7077098	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	20	Dry	Good	Old Burn
1114746	29/07/2011	522440	7077145	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1114747	29/07/2011	522436	7077197	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1114748	29/07/2011	522444	7077246	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1114749	29/07/2011	522449	7077295	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1114750	29/07/2011	522445	7077343	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	White Spruce
1114751	29/07/2011	522443	7077397	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Old Burn
1114752	29/07/2011	522442	7077446	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Excellent	Old Burn
1114753	29/07/2011	522448	7077492	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Good	Willows
1114754	29/07/2011	522442	7077543	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	C	30	Damp	Good	Old Burn
1114755	29/07/2011	522465	7077591	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	C	40	Dry	Good	Old Burn
1114756	29/07/2011	522487	7077635	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1114757	29/07/2011	522521	7077679	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	White Spruce
1114758	29/07/2011	522537	7077724	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Good	Birch Forest
1114759	29/07/2011	522552	7077780	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1114760	29/07/2011	522572	7077833	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1114761	29/07/2011	522586	7077885	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1114762	30/07/2011	518473	7070507	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1114763	30/07/2011	518460	7070563	UTMZ7N_NAD83	Thin Moss Cover	Grey	Silt	Subtle Slope	C	50	Damp	Good	No Tree Cover
1114764	30/07/2011	518443	7070619	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Poor	No Tree Cover
1114765	30/07/2011	518426	7070664	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	No Tree Cover
1114766	30/07/2011	518402	7070710	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Poor	No Tree Cover
1114767	30/07/2011	518385	7070758	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1114768	30/07/2011	518366	7070806	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	No Tree Cover
1114769	30/07/2011	518341	7070844	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Good	No Tree Cover
1114770	30/07/2011	518335	7070898	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	No Tree Cover
1114771	30/07/2011	518315	7070951	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Good	No Tree Cover
1114772	30/07/2011	518300	7070994	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	No Tree Cover
1114773	30/07/2011	518280	7071039	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Poor	No Tree Cover
1114774	30/07/2011	518256	7071084	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1114775	30/07/2011	518246	7071133	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	C	40	Damp	Good	No Tree Cover
1114776	30/07/2011	518228	7071176	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1114777	29/07/2011	522364	7076700	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Good	Old Burn
1114778	30/07/2011	518217	7071231	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1114779	30/07/2011	518201	7071277	UTMZ7N_NAD83	Thin Moss Cover	Grey	Silt	Subtle Slope	C	40	Dry	Good	No Tree Cover
1114780	30/07/2011	518186	7071325	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	C	50	Damp	Good	No Tree Cover
1114781	30/07/2011	518165	7071372	UTMZ7N_NAD83	Thin Moss Cover	Dark Blue Black	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1114782	30/07/2011	518142	7071417	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Good	No Tree Cover
1114783	30/07/2011	518129	7071465	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	Willows
1114784	30/07/2011	518115	7071514	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	White Spruce
1114785	30/07/2011	518097	7071561	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	50	Dry	Good	White Spruce
1114786	30/07/2011	518087	7071607	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Pronounced Slope	B	50	Dry	Good	Willows
1114787	30/07/2011	518084	7071658	UTMZ7N_NAD83	Leaf Cover	Dark Brown	Sand	Steep	B	50	Dry	Good	Willows
1114788	30/07/2011	518089	7071712	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	C	80	Dry	Excellent	Willows
1114790	30/07/2011	518087	7071756	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	C	40	Dry	Good	Willows
1114791	30/07/2011	518088	7071805	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	C	40	Dry	Good	Willows
1114792	30/07/2011	518087	7071858	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Steep	C	60	Dry	Good	Willows

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1114793	30/07/2011	518084	7071905	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Poor	Willows
1114794	30/07/2011	518076	7071954	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	Willows
1114795	30/07/2011	518077	7072007	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Pronounced Slope	C	40	Dry	Good	White Spruce
1114796	30/07/2011	518067	7072054	UTMZ7N_NAD83	Thin Moss Cover	Dark Blue Black	Sand	Pronounced Slope	B	40	Dry	Good	White Spruce
1114797	31/07/2011	522761	7071439	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	C	50	Wet	Good	No Tree Cover
1114798	31/07/2011	522797	7071479	UTMZ7N_NAD83	Thin Moss Cover	Dark Blue Black	Silt	Subtle Slope	B	30	Damp	Good	No Tree Cover
1114799	31/07/2011	522839	7071513	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Pronounced Slope	C	70	Dry	Good	No Tree Cover
1114800	31/07/2011	522879	7071551	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1114839	24/07/2011	517485	7080255	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	B	90	Wet	Good	Old Burn
1114851	21/07/2011	509659	7074969	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Willows
1114852	21/07/2011	509607	7074974	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1114853	21/07/2011	509557	7074978	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Willows
1114854	21/07/2011	509506	7074980	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Good	Willows
1114855	21/07/2011	509456	7074980	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Subtle Slope	B	30	Damp	Poor	Willows
1114856	21/07/2011	509406	7074971	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Willows
1114857	21/07/2011	509359	7074951	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	Willows
1114858	21/07/2011	509314	7074926	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1114859	21/07/2011	509267	7074909	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Willows
1114860	21/07/2011	509224	7074883	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	Willows
1114861	21/07/2011	509179	7074858	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Willows
1114862	21/07/2011	509132	7074839	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Willows
1114863	21/07/2011	509087	7074818	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1114864	21/07/2011	509044	7074793	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Poor	Willows
1114865	21/07/2011	508996	7074776	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1114866	21/07/2011	508954	7074750	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Willows
1114867	21/07/2011	508907	7074728	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1114868	21/07/2011	508864	7074702	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	Willows
1114869	21/07/2011	508821	7074674	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	60	Damp	Good	Willows
1114870	21/07/2011	508776	7074650	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Willows
1114871	21/07/2011	508735	7074622	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	White Spruce
1114872	21/07/2011	508691	7074593	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1114873	21/07/2011	508652	7074561	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1114874	21/07/2011	508615	7074528	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1114875	21/07/2011	508572	7074503	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1114876	21/07/2011	508545	7074462	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Excellent	Willows
1114877	21/07/2011	508504	7074432	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	Willows
1114878	21/07/2011	508468	7074397	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	White Spruce
1114880	21/07/2011	508428	7074358	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	White Spruce
1114881	21/07/2011	508390	7074326	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	White Spruce
1114882	21/07/2011	508353	7074293	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Willows
1114884	21/07/2011	508311	7074257	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	White Spruce
1114885	21/07/2011	508272	7074223	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	70	Wet	Good	White Spruce
1114886	24/07/2011	516325	7078963	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Flat	C	30	Damp	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1114887	24/07/2011	516357	7079001	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Willows
1114888	24/07/2011	516421	7079077	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1114889	24/07/2011	516490	7079152	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Old Burn
1114890	24/07/2011	516561	7079221	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1114891	24/07/2011	516643	7079279	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Old Burn
1114892	24/07/2011	516720	7079341	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	C	60	Damp	Good	Old Burn
1114893	24/07/2011	516795	7079408	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	C	80	Damp	Good	Old Burn
1114894	24/07/2011	516864	7079481	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	White Spruce
1114895	24/07/2011	516939	7079548	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn
1114896	24/07/2011	517004	7079624	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1114897	24/07/2011	517069	7079700	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1114898	24/07/2011	517137	7079773	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1114899	24/07/2011	517204	7079846	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Old Burn
1114900	24/07/2011	517271	7079922	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Old Burn
1114901	21/07/2011	509489	7070382	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Flat	C	30	Damp	Poor	Black Spruce
1114902	21/07/2011	509455	7070388	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Flat	B	40	Damp	Good	Black Spruce
1114903	21/07/2011	509403	7070392	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Flat	C	40	Damp	Excellent	Black Spruce
1114904	21/07/2011	509355	7070406	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Damp	Excellent	Black Spruce
1114905	21/07/2011	509306	7070419	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Flat	C	50	Damp	Excellent	White Spruce
1114907	21/07/2011	509258	7070428	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Damp	Poor	Subalpine Fir
1114908	21/07/2011	509208	7070447	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	C	40	Damp	Poor	Subalpine Fir
1114909	21/07/2011	509161	7070455	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Flat	B	30	Damp	Poor	Subalpine Fir
1114910	21/07/2011	509113	7070471	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	30	Damp	Good	Subalpine Fir
1114911	21/07/2011	509064	7070480	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	B	30	Damp	Poor	Subalpine Fir
1114912	21/07/2011	509016	7070494	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Flat	C	40	Damp	Good	Subalpine Fir
1114913	21/07/2011	508965	7070504	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	C	40	Damp	Good	Old Burn
1114914	21/07/2011	508914	7070515	UTMZ7N_NAD83	Burnt Moss	Dark Olivine Green	Sand	Subtle Slope	C	40	Dry	Good	White Spruce
1114915	21/07/2011	508869	7070531	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	B	30	Damp	Poor	Subalpine Fir
1114916	21/07/2011	508819	7070543	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	40	Wet	Good	Black Spruce
1114917	21/07/2011	508766	7070529	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Subalpine Fir
1114918	21/07/2011	508713	7070546	UTMZ7N_NAD83	Thin Moss Cover	Greyish Green	Sand	Subtle Slope	C	40	Damp	Excellent	Willows
1114919	21/07/2011	508675	7070579	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	C	70	Damp	Excellent	Old Burn
1114921	21/07/2011	508621	7070610	UTMZ7N_NAD83	Thin Moss Cover	Greyish Green	Sand	Subtle Slope	C	70	Dry	Excellent	Willows
1114922	21/07/2011	508578	7070633	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1114923	21/07/2011	508535	7070661	UTMZ7N_NAD83	Thin Moss Cover	Light Grey	Sand	Subtle Slope	C	60	Dry	Excellent	Old Burn
1114924	21/07/2011	508493	7070687	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1114925	21/07/2011	508450	7070713	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	40	Dry	Good	Willows
1114926	21/07/2011	508407	7070738	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1114927	21/07/2011	508361	7070765	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1114928	21/07/2011	508322	7070790	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn
1114929	21/07/2011	508278	7070817	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Old Burn
1114930	21/07/2011	508234	7070841	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Old Burn
1114931	21/07/2011	508193	7070868	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1114932	21/07/2011	508149	7070891	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Old Burn
1114933	21/07/2011	508107	7070916	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Old Burn
1114934	21/07/2011	508064	7070942	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	Old Burn
1114935	23/07/2011	511125	7068019	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Wet	Poor	No Tree Cover
1114936	24/07/2011	517338	7079996	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	C	80	Damp	Good	Old Burn
1114937	24/07/2011	517384	7080083	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	Old Burn
1114938	24/07/2011	517436	7080168	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	B	90	Damp	Good	Old Burn
1114940	24/07/2011	517535	7080343	UTMZ7N_NAD83	Burnt Moss	Grey	Clay	Subtle Slope	B	60	Damp	Good	Old Burn
1114941	24/07/2011	517586	7080430	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	B	80	Damp	Good	Old Burn
1114942	24/07/2011	517636	7080516	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1114943	24/07/2011	517684	7080603	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	B	80	Wet	Good	Old Burn
1114944	24/07/2011	517734	7080692	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Old Burn
1114945	24/07/2011	517781	7080779	UTMZ7N_NAD83	Burnt Moss	Grey	Clay	Subtle Slope	B	40	Damp	Good	Old Burn
1114946	24/07/2011	517837	7080862	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Good	Old Burn
1114948	25/07/2011	518835	7077681	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1114949	25/07/2011	518852	7077729	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Willows
1114951	23/07/2011	511787	7073774	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Willows
1114952	23/07/2011	511741	7073794	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Excellent	Willows
1114953	23/07/2011	511710	7073832	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	80	Wet	Good	Willows
1114954	23/07/2011	511661	7073851	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1114955	23/07/2011	511652	7073904	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1114956	23/07/2011	511597	7073926	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	80	Damp	Excellent	Willows
1114958	23/07/2011	511602	7074007	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Excellent	Willows
1114959	23/07/2011	511580	7074061	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Good	Willows
1114960	23/07/2011	511560	7074106	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Silt	Pronounced Slope	B	60	Damp	Good	Willows
1114961	23/07/2011	511527	7074148	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Good	Willows
1114962	23/07/2011	511491	7074181	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	A	30	Damp	Poor	Willows
1114963	23/07/2011	511464	7074224	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Excellent	Willows
1114964	23/07/2011	511428	7074262	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Willows
1114965	23/07/2011	511388	7074293	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Silt	Subtle Slope	B	40	Damp	Good	Willows
1114966	23/07/2011	511335	7074300	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Silt	Subtle Slope	B	60	Damp	Poor	Willows
1114967	23/07/2011	511288	7074318	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1114968	23/07/2011	511236	7074319	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Excellent	Willows
1114969	23/07/2011	511185	7074333	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Willows
1114970	23/07/2011	511135	7074321	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Willows
1114971	23/07/2011	511089	7074345	UTMZ7N_NAD83	Grass Cover	Dark Brown	Silt	Subtle Slope	B	50	Damp	Good	Willows
1114972	23/07/2011	511039	7074375	UTMZ7N_NAD83	Grass Cover	Dark Brown	Silt	Subtle Slope	B	50	Damp	Good	Willows
1114973	23/07/2011	510994	7074403	UTMZ7N_NAD83	Grass Cover	Dark Brown	Clay	Subtle Slope	A	50	Damp	Poor	Willows
1114974	23/07/2011	510955	7074427	UTMZ7N_NAD83	Grass Cover	Dark Brown	Clay	Subtle Slope	B	70	Wet	Poor	Willows
1114975	23/07/2011	510901	7074441	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	B	70	Wet	Good	Black Spruce
1114976	23/07/2011	510854	7074444	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Good	Black Spruce
1114977	23/07/2011	510809	7074478	UTMZ7N_NAD83	Grass Cover	Dark Brown	Clay	Subtle Slope	A	50	Wet	Poor	Willows
1114978	23/07/2011	510764	7074494	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	B	50	Damp	Poor	Willows

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1114982	05/08/2011	526065	7070159	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Good	Old Burn
1114984	05/08/2011	526266	7070141	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Good	Old Burn
1114985	05/08/2011	526320	7070133	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Good	Old Burn
1114991	05/08/2011	525656	7070190	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1114992	05/08/2011	525607	7070183	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1114993	05/08/2011	525055	7070139	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1115001	23/07/2011	510922	7073558	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Poor	No Tree Cover
1115002	23/07/2011	510882	7073585	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1115003	23/07/2011	510832	7073593	UTMZ7N_NAD83	Rock Cover	Reddish Yellow	Sand	Pronounced Slope	C	70	Damp	Excellent	No Tree Cover
1115004	23/07/2011	510787	7073618	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Poor	No Tree Cover
1115005	23/07/2011	510741	7073642	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	60	Damp	Good	No Tree Cover
1115006	23/07/2011	510695	7073666	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Pronounced Slope	A	60	Wet	Poor	No Tree Cover
1115007	23/07/2011	510647	7073678	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1115019	23/07/2011	510015	7073709	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	40	Wet	Good	Black Spruce
1115020	23/07/2011	509964	7073707	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Sand	Pronounced Slope	B	40	Wet	Good	Black Spruce
1115021	23/07/2011	509912	7073705	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1115022	23/07/2011	509862	7073703	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	60	Wet	Good	Black Spruce
1115023	23/07/2011	509813	7073697	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	A	40	Wet	Poor	Black Spruce
1115024	23/07/2011	509762	7073694	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	40	Wet	Good	Black Spruce
1115025	23/07/2011	509710	7073692	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	70	Wet	Good	Black Spruce
1115026	23/07/2011	509608	7073684	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	50	Wet	Good	Black Spruce
1115027	23/07/2011	509558	7073684	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Wet	Good	Black Spruce
1115028	23/07/2011	509509	7073685	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Good	Black Spruce
1115029	23/07/2011	509457	7073691	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	60	Wet	Poor	Black Spruce
1115031	23/07/2011	509408	7073698	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Wet	Good	Black Spruce
1115032	23/07/2011	509358	7073699	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Wet	Good	Black Spruce
1115051	30/07/2011	518762	7068881	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1115052	30/07/2011	518753	7068931	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1115053	30/07/2011	518746	7068980	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Damp	Good	No Tree Cover
1115054	30/07/2011	518741	7069031	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	10	Damp	Good	No Tree Cover
1115055	30/07/2011	518721	7069077	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Damp	Good	No Tree Cover
1115056	30/07/2011	518715	7069127	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	10	Damp	Good	No Tree Cover
1115057	30/07/2011	518716	7069178	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Damp	Good	No Tree Cover
1115058	30/07/2011	518709	7069228	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Damp	Good	No Tree Cover
1115059	30/07/2011	518709	7069278	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Subtle Slope	B	20	Damp	Poor	No Tree Cover
1115060	30/07/2011	518708	7069329	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Damp	Good	No Tree Cover
1115061	30/07/2011	518700	7069378	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	20	Damp	Good	No Tree Cover
1115062	30/07/2011	518690	7069428	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Damp	Good	No Tree Cover
1115063	30/07/2011	518675	7069476	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Subtle Slope	B	20	Damp	Good	No Tree Cover
1115064	30/07/2011	518663	7069526	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Subtle Slope	B	50	Wet	Poor	No Tree Cover
1115065	30/07/2011	518654	7069576	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1115066	30/07/2011	518641	7069624	UTMZ7N_NAD83	Thin Moss Cover	Dark Blue Black	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1115067	30/07/2011	518630	7069673	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	A	30	Damp	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1115068	30/07/2011	518618	7069724	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	No Tree Cover
1115069	30/07/2011	518611	7069773	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1115070	30/07/2011	518604	7069824	UTMZ7N_NAD83	Thin Moss Cover	Dark Blue Black	Silt	Pronounced Slope	B	10	Damp	Good	No Tree Cover
1115071	30/07/2011	518595	7069875	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	20	Damp	Good	No Tree Cover
1115072	30/07/2011	518583	7069924	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	No Tree Cover
1115073	30/07/2011	518579	7069976	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Damp	Good	No Tree Cover
1115074	30/07/2011	518576	7070027	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	20	Damp	Good	No Tree Cover
1115075	30/07/2011	518577	7070077	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	No Tree Cover
1115076	30/07/2011	518574	7070127	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	10	Damp	Good	No Tree Cover
1115077	30/07/2011	518576	7070177	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1115078	30/07/2011	518570	7070229	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Silt	Pronounced Slope	B	20	Damp	Poor	No Tree Cover
1115079	30/07/2011	518560	7070280	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1115080	30/07/2011	518537	7070325	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Excellent	No Tree Cover
1115081	30/07/2011	518521	7070372	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1115082	30/07/2011	518501	7070419	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1115083	30/07/2011	518501	7070419	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1115151	24/07/2011	514393	7075319	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1115152	24/07/2011	514406	7075367	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	80	Damp	Good	Dwarf Birch
1115153	24/07/2011	514414	7075417	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	Dwarf Birch
1115154	24/07/2011	514429	7075465	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1115155	24/07/2011	514441	7075515	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1115156	24/07/2011	514452	7075564	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Dwarf Birch
1115157	24/07/2011	514461	7075615	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1115158	24/07/2011	514474	7075664	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Dwarf Birch
1115159	24/07/2011	514481	7075715	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Dwarf Birch
1115160	24/07/2011	514476	7075767	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Pine
1115161	24/07/2011	514472	7075818	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1115162	24/07/2011	514468	7075868	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Old Burn
1115163	24/07/2011	514458	7075918	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1115164	24/07/2011	514452	7075967	UTMZ7N_NAD83	Burnt Moss	Grey	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1115165	24/07/2011	514446	7076017	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	70	Damp	Good	Old Burn
1115166	24/07/2011	514437	7076067	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1115167	24/07/2011	514425	7076115	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1115168	24/07/2011	514428	7076165	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Black Spruce
1115169	24/07/2011	514446	7076212	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Subtle Slope	C	50	Damp	Good	Black Spruce
1115170	24/07/2011	514472	7076253	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Black Spruce
1115171	24/07/2011	514493	7076297	UTMZ7N_NAD83	Grass Cover	Dark Brown	Silt	Subtle Slope	B	30	Dry	Good	Willows
1115172	24/07/2011	514515	7076341	UTMZ7N_NAD83	Grass Cover	Dark Brown	Clay	Subtle Slope	B	70	Damp	Good	Old Burn
1115173	24/07/2011	514537	7076386	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Bluish Grey	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1115174	24/07/2011	514563	7076431	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Old Burn
1115175	24/07/2011	514580	7076479	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1115176	24/07/2011	514607	7076520	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	100	Damp	Excellent	Old Burn
1115177	24/07/2011	514633	7076562	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1115178	24/07/2011	514662	7076602	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Old Burn
1115179	24/07/2011	514692	7076644	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	60	Damp	Excellent	Old Burn
1115181	24/07/2011	514721	7076686	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1115182	24/07/2011	514749	7076729	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1115183	24/07/2011	514780	7076770	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1115201	25/07/2011	518934	7077909	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	B	20	Damp	Good	Willows
1115202	25/07/2011	518971	7077943	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Willows
1115203	25/07/2011	519011	7077973	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1115204	25/07/2011	519050	7078006	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Willows
1115205	25/07/2011	519089	7078037	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Willows
1115206	25/07/2011	519128	7078070	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Willows
1115207	25/07/2011	519169	7078098	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Willows
1115208	25/07/2011	519207	7078131	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Willows
1115209	25/07/2011	519248	7078161	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Willows
1115210	25/07/2011	519286	7078193	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Willows
1115211	25/07/2011	519324	7078226	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Willows
1115212	25/07/2011	519362	7078260	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	90	Damp	Good	Willows
1115213	25/07/2011	519403	7078291	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Willows
1115214	25/07/2011	519442	7078321	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Willows
1115215	25/07/2011	519480	7078354	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	10	Damp	Good	Willows
1115216	25/07/2011	519514	7078392	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	20	Damp	Good	Willows
1115217	25/07/2011	519554	7078423	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Willows
1115218	25/07/2011	519582	7078464	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Willows
1115219	25/07/2011	519612	7078503	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Willows
1115220	25/07/2011	519644	7078543	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Dry	Good	Willows
1115221	25/07/2011	519676	7078581	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Willows
1115222	25/07/2011	519710	7078618	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Clay	Subtle Slope	B	40	Damp	Good	Willows
1115223	25/07/2011	519755	7078639	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	B	10	Dry	Good	Willows
1115224	25/07/2011	519799	7078665	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1115225	25/07/2011	519846	7078685	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Willows
1115226	25/07/2011	519893	7078707	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Willows
1115227	25/07/2011	519937	7078729	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Clay	Subtle Slope	B	50	Damp	Good	Willows
1115228	25/07/2011	519983	7078749	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Willows
1115229	25/07/2011	520027	7078773	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	Willows
1115230	25/07/2011	520069	7078799	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Silt	Subtle Slope	B	100	Damp	Good	Willows
1115231	25/07/2011	520118	7078811	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Clay	Subtle Slope	B	40	Damp	Good	Willows
1115232	25/07/2011	520165	7078832	UTMZ7N_NAD83	Bare Soil	Bluish Grey	Clay	Subtle Slope	B	70	Damp	Good	Willows
1115233	25/07/2011	520165	7078832	UTMZ7N_NAD83	Bare Soil	Bluish Grey	Clay	Subtle Slope	B	70	Damp	Good	Willows
1115251	25/07/2011	519169	7076395	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1115252	25/07/2011	519142	7076439	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	White Spruce
1115253	25/07/2011	519121	7076486	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	White Spruce
1115265	25/07/2011	518875	7077038	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Willows
1115266	25/07/2011	518859	7077085	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1115267	25/07/2011	518852	7077136	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Willows
1115268	25/07/2011	518847	7077186	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	White Spruce
1115269	25/07/2011	518842	7077236	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Subalpine Fir
1115270	25/07/2011	518844	7077286	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	White Spruce
1115271	25/07/2011	518836	7077335	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1115272	25/07/2011	518832	7077386	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	White Spruce
1115273	25/07/2011	518819	7077435	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	White Spruce
1115274	25/07/2011	518831	7077483	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1115275	25/07/2011	518822	7077532	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	White Spruce
1115276	25/07/2011	518826	7077631	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Dry	Good	Willows
1115277	25/07/2011	518821	7077581	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	White Spruce
1115301	27/07/2011	514902	7072718	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	No Tree Cover
1115302	27/07/2011	514858	7072697	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Flat	B	50	Damp	Good	No Tree Cover
1115303	27/07/2011	514811	7072675	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1115304	27/07/2011	514764	7072657	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1115305	27/07/2011	514719	7072631	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1115306	27/07/2011	514675	7072606	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1115307	27/07/2011	514631	7072583	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1115308	27/07/2011	514585	7072560	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1115309	27/07/2011	514540	7072535	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1115310	27/07/2011	514496	7072507	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1115311	27/07/2011	514452	7072482	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	No Tree Cover
1115312	27/07/2011	514412	7072454	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1115313	27/07/2011	514369	7072427	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1115314	27/07/2011	514328	7072398	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1115315	27/07/2011	514286	7072371	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1115316	27/07/2011	514244	7072341	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	No Tree Cover
1115317	27/07/2011	514203	7072314	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	No Tree Cover
1115318	27/07/2011	514164	7072284	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1115319	27/07/2011	514123	7072258	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Good	No Tree Cover
1115320	27/07/2011	514081	7072229	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1115321	27/07/2011	514040	7072200	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Good	No Tree Cover
1115322	27/07/2011	513995	7072178	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1115323	27/07/2011	513950	7072155	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	80	Damp	Good	No Tree Cover
1115324	27/07/2011	513902	7072136	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Clay	Subtle Slope	B	60	Damp	Good	No Tree Cover
1115325	27/07/2011	513857	7072113	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1115326	27/07/2011	513809	7072094	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1115327	27/07/2011	513759	7072068	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	No Tree Cover
1115328	27/07/2011	513710	7072059	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1115329	27/07/2011	513660	7072072	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	No Tree Cover
1115330	27/07/2011	513610	7072078	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	No Tree Cover
1115331	27/07/2011	513563	7072095	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1115332	27/07/2011	513511	7072090	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1115333	28/07/2011	512456	7070927	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	60	Damp	Good	No Tree Cover
1115334	28/07/2011	512477	7070973	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Clay	Subtle Slope	C	60	Damp	Good	No Tree Cover
1115350	25/07/2011	518866	7077777	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Willows
1115351	25/07/2011	518882	7077824	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Good	Willows
1115352	25/07/2011	518896	7077872	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Willows
1115356	23/07/2011	510631	7071208	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1115357	23/07/2011	510616	7071160	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1115358	23/07/2011	510604	7071112	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1115359	23/07/2011	510597	7071061	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1115360	23/07/2011	510583	7071013	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1115361	23/07/2011	510569	7070964	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1115362	23/07/2011	510563	7070913	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Excellent	No Tree Cover
1115363	23/07/2011	510549	7070864	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	40	Dry	Good	No Tree Cover
1115364	23/07/2011	510525	7070819	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Dry	Good	No Tree Cover
1115365	23/07/2011	510493	7070781	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Silt	Flat	B	20	Dry	Good	No Tree Cover
1115366	23/07/2011	510460	7070742	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Flat	C	30	Dry	Excellent	No Tree Cover
1115367	23/07/2011	510425	7070703	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Flat	C	30	Damp	Excellent	No Tree Cover
1115368	23/07/2011	510394	7070665	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Good	Dwarf Birch
1115369	23/07/2011	510353	7070636	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Silt	Pronounced Slope	B	30	Dry	Good	Dwarf Birch
1115370	23/07/2011	510309	7070611	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Silt	Pronounced Slope	B	30	Dry	Good	No Tree Cover
1115371	23/07/2011	510259	7070593	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Silt	Subtle Slope	B	20	Damp	Good	Willows
1115372	23/07/2011	510218	7070564	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Dwarf Birch
1115373	23/07/2011	510172	7070541	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	No Tree Cover
1115374	23/07/2011	510129	7070514	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Flat	C	50	Damp	Excellent	Dwarf Birch
1115375	23/07/2011	510084	7070490	UTMZ7N_NAD83	Grass Cover	Reddish Brown	Sand	Subtle Slope	C	40	Damp	Excellent	White Spruce
1115376	23/07/2011	510039	7070468	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Dwarf Birch
1115377	23/07/2011	509995	7070441	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Dwarf Birch
1115378	23/07/2011	509944	7070434	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Old Burn
1115379	23/07/2011	509895	7070421	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn
1115380	23/07/2011	509843	7070422	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1115381	23/07/2011	509793	7070411	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Dwarf Birch
1115382	23/07/2011	509742	7070403	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1115383	23/07/2011	509691	7070391	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn
1115384	23/07/2011	509640	7070391	UTMZ7N_NAD83	Grass Cover	Grey	Sand	Subtle Slope	C	80	Damp	Excellent	Old Burn
1115385	23/07/2011	509586	7070382	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Old Burn
1115387	23/07/2011	509531	7070376	UTMZ7N_NAD83	Grass Cover	Reddish Orange	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1115391	31/07/2011	524694	7071809	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Poor	No Tree Cover
1115392	31/07/2011	524740	7071825	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1115393	31/07/2011	524779	7071850	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1115394	31/07/2011	524826	7071877	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	No Tree Cover
1115395	31/07/2011	524870	7071934	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Poor	No Tree Cover
1115396	31/07/2011	524904	7071970	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1115397	31/07/2011	524980	7072095	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Pronounced Slope	C	40	Damp	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1115398	31/07/2011	525021	7072135	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Pronounced Slope	C	80	Damp	Good	No Tree Cover
1115399	31/07/2011	525054	7072170	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	No Tree Cover
1115400	31/07/2011	525079	7072217	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1115401	23/07/2011	509883	7072574	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	Dwarf Birch
1115402	23/07/2011	509839	7072600	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Black Spruce
1115403	23/07/2011	509794	7072626	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1115404	23/07/2011	509749	7072651	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1115405	23/07/2011	509704	7072673	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Excellent	Black Spruce
1115406	23/07/2011	509660	7072699	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Dwarf Birch
1115407	23/07/2011	509616	7072725	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Damp	Good	Black Spruce
1115408	23/07/2011	509572	7072753	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Black Spruce
1115409	23/07/2011	509527	7072777	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1115410	23/07/2011	509480	7072795	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Subtle Slope	C	70	Damp	Good	Dwarf Birch
1115411	23/07/2011	509429	7072789	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1115412	23/07/2011	509381	7072785	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1115413	23/07/2011	509330	7072783	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Good	Black Spruce
1115414	23/07/2011	509280	7072784	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	60	Damp	Good	Dwarf Birch
1115415	23/07/2011	509231	7072776	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Dwarf Birch
1115416	23/07/2011	509181	7072775	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1115417	23/07/2011	509130	7072767	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Good	Dwarf Birch
1115418	23/07/2011	509080	7072772	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Good	Dwarf Birch
1115419	23/07/2011	509029	7072766	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1115420	23/07/2011	508979	7072764	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1115421	23/07/2011	508928	7072763	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Good	Dwarf Birch
1115422	23/07/2011	508877	7072762	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Good	Dwarf Birch
1115423	23/07/2011	508827	7072764	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	50	Dry	Good	Dwarf Birch
1115424	23/07/2011	508777	7072762	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Dwarf Birch
1115425	23/07/2011	508726	7072757	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Dwarf Birch
1115426	23/07/2011	508679	7072742	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1115427	23/07/2011	508631	7072728	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1115428	23/07/2011	508580	7072725	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1115429	23/07/2011	508530	7072718	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Good	Dwarf Birch
1115430	23/07/2011	508480	7072710	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1115431	23/07/2011	508430	7072700	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1115432	23/07/2011	508384	7072693	UTMZ7N_NAD83	Thin Moss Cover	Reddish Orange	Sand	Flat	C	110	Damp	Excellent	Dwarf Birch
1115434	23/07/2011	508333	7072684	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1115436	29/07/2011	523495	7073609	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Poor	Willows
1115437	29/07/2011	523519	7073651	UTMZ7N_NAD83	Grass Cover	Dark Brown	Clay	Pronounced Slope	B	50	Damp	Poor	Willows
1115438	29/07/2011	523548	7073690	UTMZ7N_NAD83	Grass Cover	Dark Brown	Clay	Pronounced Slope	B	40	Damp	Poor	Willows
1115439	29/07/2011	523611	7073773	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Steep	B	60	Damp	Poor	Willows
1115440	29/07/2011	523699	7073860	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Poor	Willows
1115441	29/07/2011	523739	7073891	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Poor	Willows
1115442	29/07/2011	523780	7073919	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Pronounced Slope	B	40	Dry	Poor	Willows

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1115443	29/07/2011	523814	7073960	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	Willows
1115444	29/07/2011	523858	7073982	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Poor	Old Burn
1115445	29/07/2011	523889	7074025	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1115447	29/07/2011	523933	7074054	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Poor	Old Burn
1115449	30/07/2011	520776	7070996	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Flat	C	30	Damp	Good	No Tree Cover
1115450	30/07/2011	520780	7071059	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Flat	C	30	Damp	Good	No Tree Cover
1115451	24/07/2011	516392	7079037	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Flat	C	40	Damp	Excellent	Old Burn
1115452	24/07/2011	516467	7079116	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Flat	C	30	Damp	Good	Old Burn
1115453	24/07/2011	516528	7079191	UTMZ7N_NAD83	Grass Cover	Reddish Brown	Sand	Flat	C	40	Damp	Good	Old Burn
1115454	24/07/2011	516608	7079248	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Flat	C	50	Damp	Good	Old Burn
1115455	24/07/2011	516682	7079314	UTMZ7N_NAD83	Thin Moss Cover	Dark Grey Black	Sand	Flat	C	60	Damp	Good	Black Spruce
1115456	24/07/2011	516762	7079381	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	C	50	Damp	Excellent	Old Burn
1115457	24/07/2011	516835	7079454	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	C	50	Damp	Excellent	Old Burn
1115458	24/07/2011	516909	7079527	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1115459	24/07/2011	516981	7079599	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1115460	24/07/2011	517049	7079677	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1115461	24/07/2011	517126	7079734	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1115462	24/07/2011	517186	7079806	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Old Burn
1115463	24/07/2011	517238	7079886	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Excellent	Old Burn
1115464	24/07/2011	517307	7079958	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Excellent	Old Burn
1115465	24/07/2011	517360	7080046	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Old Burn
1115466	24/07/2011	517412	7080127	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Pronounced Slope	C	80	Damp	Excellent	Old Burn
1115467	24/07/2011	517463	7080213	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Old Burn
1115468	24/07/2011	517513	7080300	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	70	Damp	Good	Old Burn
1115469	24/07/2011	517555	7080382	UTMZ7N_NAD83	Burnt Moss	Grey	Clay	Subtle Slope	B	70	Wet	Poor	Old Burn
1115470	24/07/2011	517607	7080464	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1115471	24/07/2011	517655	7080552	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Clay	Subtle Slope	C	80	Wet	Poor	Old Burn
1115472	24/07/2011	517706	7080641	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Clay	Flat	B	50	Wet	Poor	Old Burn
1115473	24/07/2011	517753	7080734	UTMZ7N_NAD83	Burnt Moss	Grey	Clay	Subtle Slope	B	60	Wet	Poor	Old Burn
1115474	24/07/2011	517811	7080833	UTMZ7N_NAD83	Grass Cover	Dark Grey Black	Clay	Flat	C	80	Wet	Poor	Old Burn
1115475	05/08/2011	526168	7070152	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Dry	Good	Old Burn
1115476	05/08/2011	526218	7070149	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1115477	05/08/2011	526017	7070165	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1115478	05/08/2011	525971	7070170	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1115479	05/08/2011	525919	7070178	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	Old Burn
1115480	05/08/2011	525867	7070186	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	60	Dry	Good	Old Burn
1115481	05/08/2011	525817	7070195	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1115482	05/08/2011	525760	7070198	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1115483	05/08/2011	525705	7070196	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1115484	05/08/2011	525256	7070151	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1115497	24/07/2011	514558	7078677	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	70	Damp	Good	Black Spruce
1115498	24/07/2011	514514	7078653	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	B	70	Wet	Poor	Black Spruce
1115499	24/07/2011	514469	7078627	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Wet	Poor	Black Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1115500	24/07/2011	514422	7078608	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1115501	20/07/2011	508016	7070958	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Clay	Subtle Slope	B	70	Damp	Good	Willows
1115502	20/07/2011	507968	7070969	UTMZ7N_NAD83	Grass Cover	Reddish Brown	Sand	Subtle Slope	C	70	Dry	Excellent	Old Burn
1115503	20/07/2011	507920	7070988	UTMZ7N_NAD83	Grass Cover	Light Brown	Silt	Subtle Slope	B	50	Wet	Good	Old Burn
1115504	20/07/2011	507873	7071007	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1115505	20/07/2011	507825	7071017	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Flat	C	90	Damp	Excellent	Old Burn
1115506	20/07/2011	507778	7071037	UTMZ7N_NAD83	Grass Cover	Reddish Brown	Sand	Subtle Slope	B	30	Dry	Good	Old Burn
1115507	20/07/2011	507729	7071049	UTMZ7N_NAD83	Grass Cover	Reddish Brown	Sand	Flat	C	30	Dry	Excellent	Old Burn
1115508	20/07/2011	507681	7071064	UTMZ7N_NAD83	Grass Cover	Reddish Brown	Sand	Flat	B	10	Damp	Poor	Pine
1115509	20/07/2011	507633	7071079	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	B	20	Damp	Good	Old Burn
1115510	20/07/2011	507584	7071090	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Clay	Subtle Slope	B	30	Damp	Good	Old Burn
1115511	20/07/2011	507536	7071104	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Flat	B	30	Damp	Good	Old Burn
1115512	20/07/2011	507487	7071116	UTMZ7N_NAD83	Grass Cover	Reddish Brown	Sand	Subtle Slope	C	20	Damp	Excellent	Old Burn
1115513	20/07/2011	507440	7071134	UTMZ7N_NAD83	Grass Cover	Reddish Brown	Sand	Subtle Slope	C	10	Dry	Good	Old Burn
1115514	20/07/2011	507394	7071156	UTMZ7N_NAD83	Grass Cover	Reddish Brown	Sand	Subtle Slope	C	20	Damp	Good	Old Burn
1115515	20/07/2011	507344	7071157	UTMZ7N_NAD83	Bare Soil	Reddish Brown	Sand	Subtle Slope	C	20	Damp	Good	Old Burn
1115516	20/07/2011	507297	7071177	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	10	Dry	Poor	Willows
1115517	20/07/2011	507249	7071190	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Sand	Subtle Slope	C	20	Damp	Good	Black Spruce
1115518	20/07/2011	507205	7071213	UTMZ7N_NAD83	Grass Cover	Reddish Brown	Sand	Subtle Slope	B	20	Dry	Good	Willows
1115519	20/07/2011	507162	7071239	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1115520	20/07/2011	507114	7071257	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1115521	20/07/2011	507068	7071277	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Pronounced Slope	B	10	Damp	Poor	Black Spruce
1115522	20/07/2011	507023	7071301	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	B	40	Dry	Good	Black Spruce
1115523	20/07/2011	506975	7071319	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Good	Willows
1115524	20/07/2011	506928	7071337	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1115525	20/07/2011	506877	7071340	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	40	Damp	Good	Willows
1115526	20/07/2011	506827	7071344	UTMZ7N_NAD83	Grass Cover	Dark Blue Black	Clay	Subtle Slope	B	20	Damp	Good	Willows
1115527	20/07/2011	506777	7071342	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Willows
1115528	20/07/2011	506727	7071344	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1115529	20/07/2011	506676	7071346	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Willows
1115530	20/07/2011	506625	7071349	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Old Burn
1115531	20/07/2011	506575	7071346	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	20	Damp	Good	Old Burn
1115532	21/07/2011	509786	7075346	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Damp	Excellent	Black Spruce
1115534	21/07/2011	509706	7075287	UTMZ7N_NAD83	Bare Soil	Light Brown	Sand	Subtle Slope	C	50	Wet	Excellent	Black Spruce
1115536	05/08/2011	527109	7072569	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Excellent	Old Burn
1115537	05/08/2011	527142	7072610	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1115538	05/08/2011	527180	7072647	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1115539	05/08/2011	527217	7072683	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Dwarf Birch
1115540	05/08/2011	527251	7072718	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	Old Burn
1115541	05/08/2011	527284	7072756	UTMZ7N_NAD83	Grass Cover	Dark Brown	Silt	Pronounced Slope	B	70	Dry	Good	Old Burn
1115542	05/08/2011	527319	7072794	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Old Burn
1115543	05/08/2011	527353	7072835	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1115544	05/08/2011	527383	7072876	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1115545	05/08/2011	527406	7072923	UTMZ7N_NAD83	Thin Moss Cover	Dark Olivine Green	Sand	Pronounced Slope	C	70	Dry	Excellent	Old Burn
1115546	05/08/2011	527425	7072973	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	C	60	Dry	Good	Old Burn
1115551	23/07/2011	511340	7073476	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Damp	Good	Willows
1115552	23/07/2011	511384	7073451	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Silt	Subtle Slope	B	70	Damp	Poor	Willows
1115553	23/07/2011	511428	7073428	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Clay	Subtle Slope	B	110	Damp	Good	Willows
1115554	23/07/2011	511466	7073396	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	20	Damp	Good	Willows
1115555	23/07/2011	511504	7073363	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Willows
1115556	23/07/2011	511544	7073334	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Dry	Good	Willows
1115557	23/07/2011	511585	7073305	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1115558	23/07/2011	511627	7073278	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	40	Damp	Poor	Willows
1115559	23/07/2011	511670	7073254	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Subtle Slope	B	20	Damp	Poor	Willows
1115560	23/07/2011	511714	7073230	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Damp	Good	Willows
1115561	23/07/2011	511760	7073207	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	20	Damp	Good	Willows
1115562	23/07/2011	511803	7073181	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Subtle Slope	B	60	Damp	Good	Willows
1115563	23/07/2011	511852	7073182	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	20	Damp	Good	Willows
1115564	23/07/2011	511903	7073180	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Willows
1115565	23/07/2011	511953	7073187	UTMZ7N_NAD83	Grass Cover	Dark Brown	Clay	Subtle Slope	B	40	Wet	Poor	Willows
1115566	23/07/2011	512003	7073184	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Silt	Subtle Slope	B	20	Damp	Good	Willows
1115567	23/07/2011	512053	7073185	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Damp	Good	Willows
1115568	23/07/2011	512103	7073184	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Sand	Subtle Slope	C	30	Damp	Good	Willows
1115569	23/07/2011	512153	7073180	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Willows
1115570	23/07/2011	512135	7073226	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Silt	Subtle Slope	B	40	Damp	Good	Willows
1115571	23/07/2011	512117	7073273	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1115572	23/07/2011	512094	7073318	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1115573	23/07/2011	512074	7073365	UTMZ7N_NAD83	Grass Cover	Dark Brown	Silt	Subtle Slope	B	40	Damp	Good	Willows
1115574	23/07/2011	512051	7073409	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	90	Wet	Good	Willows
1115575	23/07/2011	512028	7073454	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1115576	23/07/2011	512009	7073500	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Poor	No Tree Cover
1115577	23/07/2011	511986	7073544	UTMZ7N_NAD83	Thin Moss Cover	Dark Blue Black	Silt	Subtle Slope	B	20	Damp	Good	Willows
1115578	23/07/2011	511957	7073585	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Willows
1115579	23/07/2011	511924	7073623	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Black Spruce
1115580	23/07/2011	511888	7073658	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	100	Damp	Poor	Willows
1115581	23/07/2011	511854	7073695	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	10	Damp	Good	Willows
1115583	23/07/2011	511819	7073731	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Silt	Subtle Slope	B	50	Damp	Good	Willows
1115601	20/07/2011	508618	7068976	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	A	30	Damp	Poor	No Tree Cover
1115602	20/07/2011	511566	7068979	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	50	Damp	Good	No Tree Cover
1115603	20/07/2011	511515	7068978	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1115604	20/07/2011	511410	7068978	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	No Tree Cover
1115605	20/07/2011	511359	7068977	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	60	Damp	Good	No Tree Cover
1115606	20/07/2011	511460	7068985	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1115608	20/07/2011	510708	7068970	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1115609	20/07/2011	510658	7068964	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1115610	20/07/2011	510554	7068958	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Pronounced Slope	A	20	Damp	Poor	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1115611	20/07/2011	510503	7068952	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	60	Damp	Excellent	No Tree Cover
1115612	20/07/2011	510453	7068945	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Subtle Slope	B	40	Dry	Good	No Tree Cover
1115613	20/07/2011	510403	7068947	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1115614	20/07/2011	510352	7068938	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1115615	20/07/2011	510910	7068982	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1115616	20/07/2011	511113	7068978	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1115617	20/07/2011	511208	7068973	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1115618	20/07/2011	511160	7068991	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1115619	20/07/2011	511257	7068979	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Clay	Flat	B	50	Wet	Good	No Tree Cover
1115620	20/07/2011	511309	7068978	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	B	40	Damp	Good	No Tree Cover
1115621	20/07/2011	511061	7068977	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	80	Wet	Good	No Tree Cover
1115622	20/07/2011	511011	7068979	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	No Tree Cover
1115623	20/07/2011	510961	7068978	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1115624	20/07/2011	510861	7068983	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Excellent	No Tree Cover
1115625	20/07/2011	510811	7068973	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1115626	20/07/2011	510761	7068975	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1115633	20/07/2011	510205	7068927	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Reddish Yellow	Sand	Subtle Slope	B	50	Damp	Good	Old Burn
1115634	20/07/2011	510254	7068937	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1115635	20/07/2011	510304	7068940	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1115651	20/07/2011	508538	7067155	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Subtle Slope	C	70	Wet	Good	Old Burn
1115652	20/07/2011	508507	7067108	UTMZ7N_NAD83	Bare Soil	Light Bluish Grey	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1115653	20/07/2011	508480	7067065	UTMZ7N_NAD83	Burnt Moss	Grey	Sand	Subtle Slope	C	70	Damp	Good	Old Burn
1115654	20/07/2011	508454	7067019	UTMZ7N_NAD83	Burnt Moss	Dark Grey Black	Sand	Subtle Slope	C	60	Wet	Good	Old Burn
1115655	20/07/2011	508429	7066979	UTMZ7N_NAD83	Burnt Moss	Bluish Grey	Sand	Subtle Slope	C	90	Damp	Good	Old Burn
1115656	20/07/2011	508404	7066937	UTMZ7N_NAD83	Burnt Moss	Dark Grey Black	Sand	Subtle Slope	C	100	Wet	Excellent	Old Burn
1115657	20/07/2011	508378	7066893	UTMZ7N_NAD83	Burnt Moss	Bluish Grey	Sand	Subtle Slope	C	80	Damp	Excellent	Old Burn
1115658	20/07/2011	508350	7066851	UTMZ7N_NAD83	Burnt Moss	Grey	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1115659	20/07/2011	508325	7066807	UTMZ7N_NAD83	Burnt Moss	Grey	Sand	Subtle Slope	C	80	Damp	Good	Old Burn
1115660	20/07/2011	508299	7066759	UTMZ7N_NAD83	Burnt Moss	Dark Blue Black	Sand	Subtle Slope	B	40	Wet	Good	Old Burn
1115661	20/07/2011	508273	7066722	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1115662	20/07/2011	508243	7066681	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1115663	20/07/2011	508224	7066630	UTMZ7N_NAD83	Burnt Moss	Grey	Sand	Subtle Slope	C	80	Damp	Excellent	Old Burn
1115664	20/07/2011	508196	7066593	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Subtle Slope	C	40	Wet	Good	Old Burn
1115665	20/07/2011	508172	7066549	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Subtle Slope	C	40	Wet	Good	Old Burn
1115666	20/07/2011	508141	7066507	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	B	40	Wet	Good	Old Burn
1115667	20/07/2011	508114	7066468	UTMZ7N_NAD83	Thin Moss Cover	Dark Blue Black	Sand	Subtle Slope	C	40	Wet	Good	Old Burn
1115668	20/07/2011	508064	7066442	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Subtle Slope	C	100	Wet	Good	Old Burn
1115669	20/07/2011	508017	7066423	UTMZ7N_NAD83	Burnt Moss	Yellow	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1115670	20/07/2011	507971	7066400	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1115671	20/07/2011	507932	7066383	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1115672	20/07/2011	507877	7066357	UTMZ7N_NAD83	Grass Cover	Dark Blue Black	Sand	Subtle Slope	B	40	Wet	Good	Old Burn
1115673	20/07/2011	507826	7066335	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Subtle Slope	C	80	Damp	Excellent	Old Burn
1115674	20/07/2011	507778	7066314	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Olivine Green	Sand	Subtle Slope	C	110	Damp	Excellent	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1115675	20/07/2011	507736	7066295	UTMZ7N_NAD83	Grass Cover	Dark Grey Black	Sand	Subtle Slope	C	80	Damp	Good	Old Burn
1115676	20/07/2011	507690	7066271	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	70	Wet	Good	Old Burn
1115677	20/07/2011	507641	7066251	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Subtle Slope	C	70	Damp	Good	Old Burn
1115678	20/07/2011	507601	7066228	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	C	70	Damp	Good	Old Burn
1115679	20/07/2011	507554	7066205	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	B	80	Wet	Excellent	Old Burn
1115680	20/07/2011	507508	7066182	UTMZ7N_NAD83	Burnt Moss	Dark Grey Black	Sand	Subtle Slope	C	80	Wet	Good	Old Burn
1115681	20/07/2011	507461	7066169	UTMZ7N_NAD83	Grass Cover	Bluish Grey	Sand	Subtle Slope	C	80	Wet	Good	Old Burn
1115682	20/07/2011	507461	7066169	UTMZ7N_NAD83	Grass Cover	Bluish Grey	Sand	Subtle Slope	C	80	Wet	Good	Old Burn
1115683	20/07/2011	507420	7066150	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1115685	21/07/2011	507435	7067254	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1115689	30/07/2011	519210	7072664	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1115690	30/07/2011	519255	7072640	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1115691	29/07/2011	518576	7075181	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Dwarf Birch
1115693	28/07/2011	515907	7076533	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Dwarf Birch
1115694	28/07/2011	515892	7076515	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Dwarf Birch
1115695	28/07/2011	515865	7076472	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Old Burn
1115696	28/07/2011	515833	7076433	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Dwarf Birch
1115697	28/07/2011	515811	7076386	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1115698	28/07/2011	515793	7076339	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1115699	28/07/2011	515776	7076290	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1115700	28/07/2011	515759	7076241	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1115701	05/08/2011	523200	7070091	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Steep	B	60	Dry	Poor	No Tree Cover
1115702	05/08/2011	523252	7070095	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Steep	C	50	Damp	Good	No Tree Cover
1115703	05/08/2011	523304	7070103	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Steep	A	50	Damp	Poor	Willows
1115704	05/08/2011	523353	7070108	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Steep	A	40	Damp	Poor	No Tree Cover
1115705	05/08/2011	523403	7070115	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Steep	A	40	Damp	Poor	No Tree Cover
1115706	05/08/2011	523525	7070105	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Steep	B	50	Damp	Poor	Old Burn
1115707	05/08/2011	523570	7070101	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Steep	C	40	Damp	Good	No Tree Cover
1115708	05/08/2011	523693	7070077	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Poor	No Tree Cover
1115709	05/08/2011	523745	7070067	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Steep	B	50	Damp	Poor	No Tree Cover
1115710	05/08/2011	523792	7070085	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Steep	B	40	Damp	Poor	No Tree Cover
1115711	05/08/2011	523843	7070093	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Steep	A	40	Damp	Poor	No Tree Cover
1115712	05/08/2011	523893	7070092	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Steep	B	40	Damp	Good	No Tree Cover
1115713	05/08/2011	523945	7070088	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	A	40	Damp	Poor	No Tree Cover
1115714	05/08/2011	523994	7070092	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	No Tree Cover
1115715	05/08/2011	524045	7070092	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	No Tree Cover
1115717	05/08/2011	524094	7070095	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	A	40	Damp	Good	No Tree Cover
1115718	05/08/2011	524143	7070094	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1115719	05/08/2011	524195	7070095	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Poor	No Tree Cover
1115720	05/08/2011	524244	7070094	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	No Tree Cover
1115721	05/08/2011	524294	7070097	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	No Tree Cover
1115722	05/08/2011	524350	7070099	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Old Burn
1115723	05/08/2011	524397	7070103	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1115740	21/07/2011	507223	7067215	UTMZ7N_NAD83	Bare Soil	Dark Olivine Green	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1115741	21/07/2011	507171	7067206	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1115742	21/07/2011	507121	7067190	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Flat	C	40	Dry	Excellent	Old Burn
1115743	21/07/2011	507070	7067185	UTMZ7N_NAD83	Bare Soil	Reddish Orange	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1115744	21/07/2011	507024	7067169	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Flat	C	40	Dry	Good	Old Burn
1115745	21/07/2011	506974	7067162	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	C	40	Dry	Good	Old Burn
1115746	21/07/2011	506924	7067152	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1115747	21/07/2011	506875	7067143	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn
1115748	21/07/2011	506824	7067132	UTMZ7N_NAD83	Grass Cover	Dark Grey Black	Sand	Subtle Slope	B	60	Wet	Good	Pine
1115749	21/07/2011	506778	7067124	UTMZ7N_NAD83	Grass Cover	Dark Grey Black	Sand	Subtle Slope	C	50	Wet	Good	Old Burn
1115750	21/07/2011	506731	7067112	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Subtle Slope	C	70	Damp	Good	Old Burn
1115751	21/07/2011	508883	7076932	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Dry	Good	No Tree Cover
1115752	21/07/2011	508871	7076882	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Damp	Good	No Tree Cover
1115753	21/07/2011	508861	7076833	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	70	Damp	Good	No Tree Cover
1115754	21/07/2011	508848	7076784	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	70	Damp	Good	No Tree Cover
1115755	21/07/2011	508836	7076734	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Damp	Good	No Tree Cover
1115756	21/07/2011	508828	7076683	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Flat	A	20	Dry	Good	No Tree Cover
1115757	21/07/2011	508816	7076633	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	50	Damp	Good	No Tree Cover
1115758	21/07/2011	508813	7076582	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1115759	21/07/2011	508808	7076532	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	No Tree Cover
1115760	21/07/2011	508801	7076482	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Dry	Poor	No Tree Cover
1115761	21/07/2011	508794	7076431	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1115762	21/07/2011	508790	7076382	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Dry	Good	No Tree Cover
1115763	21/07/2011	508784	7076332	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Dwarf Birch
1115764	21/07/2011	508779	7076280	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Dry	Good	Dwarf Birch
1115765	21/07/2011	508773	7076231	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Dry	Good	Dwarf Birch
1115766	21/07/2011	508769	7076179	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	40	Dry	Good	Dwarf Birch
1115767	21/07/2011	508756	7076127	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1115768	21/07/2011	508740	7076080	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Dwarf Birch
1115769	21/07/2011	508733	7076029	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	Dwarf Birch
1115770	21/07/2011	508725	7075979	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Dwarf Birch
1115771	21/07/2011	508717	7075928	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1115772	21/07/2011	508703	7075880	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Dry	Poor	Dwarf Birch
1115773	21/07/2011	508695	7075833	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Poor	Dwarf Birch
1115774	21/07/2011	508681	7075785	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1115775	21/07/2011	508670	7075735	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Good	Dwarf Birch
1115776	21/07/2011	508660	7075686	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Dry	Good	Dwarf Birch
1115777	21/07/2011	508647	7075638	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	Dwarf Birch
1115778	21/07/2011	508638	7075590	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1115779	21/07/2011	508626	7075541	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Dwarf Birch
1115780	21/07/2011	508619	7075492	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Dwarf Birch
1115782	21/07/2011	508605	7075444	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1115783	21/07/2011	508595	7075395	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Black Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1115786	24/07/2011	515592	7079209	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	40	Damp	Poor	Black Spruce
1115787	24/07/2011	515568	7079192	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	50	Damp	Good	Black Spruce
1115788	24/07/2011	515525	7079167	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	40	Damp	Poor	Black Spruce
1115789	24/07/2011	515480	7079149	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	30	Wet	Poor	Black Spruce
1115790	24/07/2011	515433	7079123	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	Black Spruce
1115791	24/07/2011	515389	7079098	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Black Spruce
1115792	24/07/2011	515346	7079078	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Black Spruce
1115793	24/07/2011	515302	7079055	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Poor	Black Spruce
1115794	24/07/2011	515258	7079034	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Poor	Black Spruce
1115795	24/07/2011	515211	7079011	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Poor	Black Spruce
1115796	24/07/2011	515167	7078989	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Poor	Black Spruce
1115797	24/07/2011	515124	7078965	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Poor	Black Spruce
1115798	24/07/2011	515077	7078947	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Poor	Black Spruce
1115799	24/07/2011	515034	7078919	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Poor	Black Spruce
1115800	24/07/2011	514993	7078894	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Black Spruce
1115801	23/07/2011	506828	7072314	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Black Spruce
1115802	24/07/2011	512506	7077072	UTMZ7N_NAD83						0			
1115803	24/07/2011	512506	7077072	UTMZ7N_NAD83						0			
1115809	27/07/2011	514094	7071174	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1115810	27/07/2011	514077	7071148	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1115811	27/07/2011	514047	7071103	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Wet	Poor	No Tree Cover
1115812	27/07/2011	513991	7071021	UTMZ7N_NAD83	Grass Cover	Grey	Sand	Subtle Slope	C	40	Wet	Poor	No Tree Cover
1115813	27/07/2011	513963	7070978	UTMZ7N_NAD83	Grass Cover	Grey	Sand	Subtle Slope	C	50	Wet	Poor	No Tree Cover
1115814	27/07/2011	513935	7070938	UTMZ7N_NAD83	Grass Cover	Grey	Sand	Subtle Slope	B	30	Damp	Poor	No Tree Cover
1115815	27/07/2011	513905	7070896	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Subtle Slope	C	60	Wet	Good	No Tree Cover
1115816	27/07/2011	513879	7070853	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Subtle Slope	C	80	Wet	Poor	No Tree Cover
1115817	27/07/2011	513852	7070812	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Clay	Subtle Slope	B	50	Wet	Good	No Tree Cover
1115818	27/07/2011	513824	7070772	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1115819	27/07/2011	513795	7070730	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1115820	27/07/2011	513768	7070687	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	No Tree Cover
1115821	27/07/2011	513738	7070646	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1115822	27/07/2011	513710	7070606	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	70	Damp	Good	No Tree Cover
1115823	27/07/2011	513684	7070561	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1115824	27/07/2011	513654	7070523	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Poor	No Tree Cover
1115825	27/07/2011	513634	7070492	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1115826	27/07/2011	513599	7070459	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	No Tree Cover
1115827	27/07/2011	513572	7070413	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1115828	27/07/2011	513538	7070383	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	No Tree Cover
1115829	27/07/2011	513506	7070339	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	50	Wet	Poor	No Tree Cover
1115830	27/07/2011	513483	7070294	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Clay	Subtle Slope	B	70	Wet	Poor	No Tree Cover
1115831	27/07/2011	513448	7070257	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Subtle Slope	C	40	Wet	Poor	No Tree Cover
1115832	27/07/2011	513420	7070217	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Clay	Subtle Slope	B	70	Damp	Good	No Tree Cover
1115833	27/07/2011	513381	7070183	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1115834	27/07/2011	513348	7070147	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Poor	No Tree Cover
1115836	27/07/2011	513318	7070107	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	No Tree Cover
1115837	27/07/2011	513285	7070067	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	40	Wet	Poor	No Tree Cover
1115838	27/07/2011	513253	7070028	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	110	Wet	Poor	No Tree Cover
1115839	27/07/2011	513216	7069996	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1115840	27/07/2011	513183	7069960	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	80	Damp	Poor	No Tree Cover
1115851	27/07/2011	514910	7072762	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Flat	B	30	Dry	Good	No Tree Cover
1115852	27/07/2011	514883	7072804	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Dry	Good	No Tree Cover
1115853	27/07/2011	514851	7072844	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1115854	27/07/2011	514821	7072884	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1115855	27/07/2011	514797	7072927	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1115856	27/07/2011	514771	7072972	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1115857	27/07/2011	514737	7073010	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1115858	27/07/2011	514714	7073056	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1115859	27/07/2011	514672	7073148	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Damp	Good	No Tree Cover
1115860	27/07/2011	514646	7073190	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Damp	Good	No Tree Cover
1115861	27/07/2011	514626	7073237	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1115862	27/07/2011	514604	7073283	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1115863	27/07/2011	514579	7073326	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	10	Damp	Good	No Tree Cover
1115864	27/07/2011	514557	7073371	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1115865	27/07/2011	514540	7073420	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1115866	27/07/2011	514531	7073471	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1115867	27/07/2011	514522	7073522	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1115868	27/07/2011	514517	7073573	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Silt	Subtle Slope	B	30	Damp	Poor	No Tree Cover
1115869	27/07/2011	514510	7073622	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Damp	Good	No Tree Cover
1115870	27/07/2011	514493	7073723	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1115871	27/07/2011	514484	7073772	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1115872	27/07/2011	514475	7073823	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Damp	Poor	No Tree Cover
1115873	27/07/2011	514466	7073871	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Damp	Good	No Tree Cover
1115874	27/07/2011	514455	7073921	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1115875	27/07/2011	514446	7073971	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Damp	Good	No Tree Cover
1115876	27/07/2011	514442	7074021	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Silt	Subtle Slope	B	30	Damp	Poor	No Tree Cover
1115877	27/07/2011	514432	7074072	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Silt	Subtle Slope	B	20	Damp	Poor	No Tree Cover
1115878	27/07/2011	514423	7074121	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Subtle Slope	B	30	Damp	Good	Willows
1115879	27/07/2011	514417	7074171	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1115880	27/07/2011	514405	7074222	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1115881	27/07/2011	514396	7074273	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Wet	Good	Willows
1115882	28/07/2011	511178	7068097	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	B	70	Damp	Good	No Tree Cover
1115883	28/07/2011	511153	7068053	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	5	Damp	Good	No Tree Cover
1115884	29/07/2011	522647	7074916	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1115885	29/07/2011	522659	7074965	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	B	20	Damp	Good	No Tree Cover
1115886	30/07/2011	522586	7072582	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Steep	B	40	Damp	Good	Dwarf Birch
1115887	30/07/2011	522622	7072617	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	C	30	Dry	Good	Dwarf Birch

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1115888	30/07/2011	522659	7072652	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	B	40	Damp	Good	Dwarf Birch
1115889	30/07/2011	522699	7072694	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	B	50	Dry	Good	Dwarf Birch
1115890	30/07/2011	522743	7072724	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Steep	C	80	Damp	Excellent	Dwarf Birch
1115891	30/07/2011	522782	7072755	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Silt	Steep	B	30	Dry	Good	Dwarf Birch
1115892	30/07/2011	522818	7072782	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	C	90	Damp	Excellent	Dwarf Birch
1115893	30/07/2011	522861	7072816	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	B	20	Damp	Good	Dwarf Birch
1115894	30/07/2011	522901	7072840	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Steep	C	30	Dry	Good	Dwarf Birch
1115895	30/07/2011	522943	7072877	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Steep	B	20	Damp	Good	Dwarf Birch
1115897	30/07/2011	522973	7072909	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Steep	B	30	Damp	Good	Dwarf Birch
1115901	25/07/2011	519455	7076548	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Dwarf Birch
1115902	25/07/2011	519501	7076571	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1115903	25/07/2011	519548	7076589	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1115904	25/07/2011	519593	7076614	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1115905	25/07/2011	519636	7076638	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Clay	Subtle Slope	B	50	Dry	Good	Dwarf Birch
1115906	25/07/2011	519682	7076658	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1115907	25/07/2011	519729	7076675	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1115908	25/07/2011	519768	7076706	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1115909	25/07/2011	519798	7076746	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1115910	25/07/2011	519841	7076777	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1115911	25/07/2011	519874	7076816	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	C	30	Dry	Good	Dwarf Birch
1115912	25/07/2011	519909	7076852	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Subalpine Fir
1115913	25/07/2011	519947	7076882	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	50	Dry	Good	Dwarf Birch
1115914	25/07/2011	519981	7076918	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1115915	25/07/2011	520013	7076958	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1115916	25/07/2011	520053	7076989	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	Dwarf Birch
1115917	25/07/2011	520092	7077023	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1115918	25/07/2011	520127	7077059	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1115919	25/07/2011	520168	7077090	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	C	40	Damp	Excellent	Dwarf Birch
1115921	25/07/2011	520215	7077111	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1115922	25/07/2011	520264	7077126	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1115923	25/07/2011	520312	7077147	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Dwarf Birch
1115924	25/07/2011	520360	7077166	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Dry	Good	Dwarf Birch
1115925	25/07/2011	520406	7077190	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	50	Dry	Good	Dwarf Birch
1115926	25/07/2011	520454	7077207	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	50	Dry	Good	Dwarf Birch
1115927	25/07/2011	520502	7077228	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1115928	25/07/2011	520547	7077251	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Dwarf Birch
1115929	25/07/2011	520590	7077274	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1115930	25/07/2011	520637	7077297	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	30	Damp	Good	Dwarf Birch
1115931	25/07/2011	520679	7077325	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1115932	25/07/2011	520722	7077356	UTMZ7N_NAD83	Thin Moss Cover	Greyish Green	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1115933	25/07/2011	520765	7077380	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1115936	31/07/2011	523138	7070996	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	40	Wet	Good	No Tree Cover
1115937	31/07/2011	523183	7071025	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Wet	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1115938	31/07/2011	523227	7071042	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	20	Wet	Poor	No Tree Cover
1115939	31/07/2011	523260	7071077	UTMZ7N_NAD83	Bare Soil	Dark Brown	Sand	Flat	C	20	Wet	Poor	No Tree Cover
1115940	31/07/2011	523312	7071089	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	20	Wet	Good	No Tree Cover
1115941	31/07/2011	523357	7071110	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	40	Wet	Good	No Tree Cover
1115942	31/07/2011	523395	7071129	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Pronounced Slope	C	30	Wet	Poor	No Tree Cover
1115943	31/07/2011	523449	7071168	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	20	Damp	Good	No Tree Cover
1115944	31/07/2011	523495	7071184	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Good	No Tree Cover
1115945	31/07/2011	523528	7071214	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	No Tree Cover
1115946	31/07/2011	523584	7071228	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	No Tree Cover
1115947	31/07/2011	523629	7071231	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Poor	No Tree Cover
1115948	31/07/2011	523672	7071263	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1115949	31/07/2011	523713	7071296	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Damp	Poor	No Tree Cover
1115951	21/07/2011	506679	7067096	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1115952	21/07/2011	506631	7067091	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1115953	21/07/2011	506578	7067098	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1115954	21/07/2011	506525	7067103	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1115955	21/07/2011	506475	7067114	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Good	Old Burn
1115956	21/07/2011	506423	7067121	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1115957	21/07/2011	506370	7067130	UTMZ7N_NAD83	Bare Soil	Light Brown	Sand	Flat	C	40	Dry	Good	Old Burn
1115958	21/07/2011	506320	7067137	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Old Burn
1115959	21/07/2011	506268	7067147	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1115960	21/07/2011	506216	7067152	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1115961	21/07/2011	506164	7067152	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1115962	21/07/2011	506114	7067164	UTMZ7N_NAD83	Burnt Moss	Bluish Grey	Sand	Subtle Slope	C	60	Dry	Good	Old Burn
1115963	21/07/2011	506061	7067166	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1116907	20/07/2011	513077	7066376	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Silt	Pronounced Slope	B	50	Wet	Good	Old Burn
1116908	20/07/2011	513026	7066378	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Pronounced Slope	B	50	Wet	Good	Old Burn
1116909	20/07/2011	512977	7066385	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Silt	Pronounced Slope	B	50	Damp	Good	Old Burn
1116910	20/07/2011	512926	7066387	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Silt	Pronounced Slope	A	40	Wet	Poor	Old Burn
1116911	20/07/2011	512878	7066392	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Silt	Pronounced Slope	B	40	Wet	Poor	Old Burn
1116912	20/07/2011	512829	7066396	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Silt	Pronounced Slope	B	40	Wet	Poor	Old Burn
1116913	20/07/2011	512777	7066397	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Silt	Pronounced Slope	B	30	Dry	Good	Black Spruce
1116914	20/07/2011	512728	7066404	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Pronounced Slope	B	40	Wet	Good	Black Spruce
1116915	20/07/2011	512674	7066404	UTMZ7N_NAD83	Reindeer Moss	Dark Brown	Sand	Pronounced Slope	B	30	Damp	Good	Black Spruce
1116916	20/07/2011	512629	7066392	UTMZ7N_NAD83	Reindeer Moss	Dark Brown	Silt	Pronounced Slope	B	40	Damp	Good	Black Spruce
1116917	20/07/2011	512580	7066387	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Silt	Pronounced Slope	B	50	Wet	Good	Black Spruce
1117217	21/07/2011	510104	7075885	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1117218	21/07/2011	510091	7075837	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1117219	21/07/2011	510069	7075793	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	Willows
1117220	21/07/2011	510048	7075748	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1117221	21/07/2011	510031	7075701	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Willows
1117222	21/07/2011	510012	7075655	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1117223	21/07/2011	509982	7075614	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1117224	21/07/2011	509966	7075566	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1117225	21/07/2011	509971	7075516	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	60	Damp	Poor	Black Spruce
1117226	21/07/2011	509936	7075480	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1117227	21/07/2011	509896	7075449	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Black Spruce
1115964	21/07/2011	506009	7067175	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	70	Dry	Good	Old Burn
1115965	21/07/2011	505956	7067185	UTMZ7N_NAD83	Bare Soil	Light Brown	Sand	Subtle Slope	C	80	Dry	Good	Old Burn
1115966	21/07/2011	505911	7067192	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1115968	05/08/2011	526940	7072381	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Good	Old Burn
1115969	05/08/2011	526971	7072420	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1115970	05/08/2011	527005	7072459	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1115971	05/08/2011	527042	7072494	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1115972	05/08/2011	527076	7072530	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1115973	23/07/2011	508307	7072678	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Willows
1115974	23/07/2011	508252	7072660	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1115975	23/07/2011	508207	7072636	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1115976	23/07/2011	508159	7072621	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1115977	23/07/2011	508111	7072605	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Willows
1115978	23/07/2011	508064	7072588	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1115979	23/07/2011	508020	7072567	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1115980	23/07/2011	507970	7072552	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1115981	23/07/2011	507924	7072534	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1115982	23/07/2011	507878	7072513	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Black Spruce
1115983	23/07/2011	507831	7072498	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1115984	23/07/2011	507783	7072478	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Damp	Good	Black Spruce
1115985	23/07/2011	507740	7072466	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	40	Damp	Good	Black Spruce
1115986	23/07/2011	507641	7072430	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1115987	23/07/2011	507590	7072427	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	B	50	Damp	Good	Willows
1115988	23/07/2011	507540	7072414	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Willows
1115989	23/07/2011	507490	7072410	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Willows
1115990	23/07/2011	507434	7072402	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	80	Damp	Excellent	Willows
1115991	23/07/2011	507385	7072393	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Excellent	Willows
1115992	23/07/2011	507333	7072387	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Willows
1115993	23/07/2011	507284	7072379	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Willows
1115994	23/07/2011	507234	7072369	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1115995	23/07/2011	507181	7072361	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1115996	23/07/2011	507129	7072354	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Good	Willows
1115997	23/07/2011	507078	7072343	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	80	Dry	Excellent	Willows
1115998	23/07/2011	507028	7072335	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	White Spruce
1115999	23/07/2011	506978	7072322	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1116000	23/07/2011	506878	7072308	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Black Spruce
1116851	20/07/2011	512717	7069411	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1116853	20/07/2011	512718	7069340	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	No Tree Cover
1116854	20/07/2011	512707	7069290	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1116855	20/07/2011	512705	7069241	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	No Tree Cover
1116856	20/07/2011	512701	7069194	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	No Tree Cover
1116857	20/07/2011	512701	7069139	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	No Tree Cover
1116858	20/07/2011	512700	7069090	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1116859	20/07/2011	512693	7069040	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Subtle Slope	C	70	Wet	Good	No Tree Cover
1116860	20/07/2011	512693	7068990	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1116861	20/07/2011	512688	7068940	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1116862	20/07/2011	512687	7068888	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	No Tree Cover
1116863	20/07/2011	512685	7068840	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Poor	Willows
1116864	20/07/2011	512681	7068788	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1116865	20/07/2011	512681	7068742	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1116866	20/07/2011	512678	7068691	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1116867	20/07/2011	512675	7068642	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1116868	20/07/2011	512673	7068590	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1116869	20/07/2011	512671	7068543	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1116870	20/07/2011	512658	7068492	UTMZ7N_NAD83	Grass Cover	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Poor	Willows
1116871	20/07/2011	512648	7068444	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Willows
1116872	20/07/2011	512637	7068395	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1116873	20/07/2011	512628	7068347	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Willows
1116874	20/07/2011	512619	7068296	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1116875	20/07/2011	512609	7068246	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1116876	20/07/2011	512598	7068199	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Willows
1116877	20/07/2011	512590	7068150	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1116878	20/07/2011	512581	7068100	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1116879	20/07/2011	512572	7068051	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1116880	20/07/2011	512561	7068002	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1116881	20/07/2011	512549	7067952	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1116882	20/07/2011	512543	7067905	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1116887	28/07/2011	517307	7070739	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	No Tree Cover
1116888	28/07/2011	517341	7070784	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	No Tree Cover
1116889	28/07/2011	517348	7070827	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	No Tree Cover
1116892	28/07/2011	517184	7070522	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1116901	20/07/2011	513390	7066351	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	Old Burn
1116902	20/07/2011	513327	7066356	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Silt	Subtle Slope	B	40	Damp	Poor	Old Burn
1116903	20/07/2011	513277	7066363	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	Old Burn
1116904	20/07/2011	513227	7066364	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Silt	Pronounced Slope	B	50	Wet	Poor	Old Burn
1116905	20/07/2011	513177	7066367	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Pronounced Slope	C	60	Wet	Good	Old Burn
1116906	20/07/2011	513128	7066374	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Silt	Pronounced Slope	B	40	Damp	Good	Old Burn
1116918	20/07/2011	512530	7066377	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	60	Wet	Good	Black Spruce
1116919	20/07/2011	512480	7066368	UTMZ7N_NAD83	Reindeer Moss	Dark Brown	Silt	Pronounced Slope	B	40	Wet	Good	Black Spruce
1116920	20/07/2011	512431	7066362	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Pronounced Slope	B	40	Wet	Good	Black Spruce
1116921	20/07/2011	512383	7066352	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Pronounced Slope	B	40	Wet	Good	Black Spruce
1116922	20/07/2011	512332	7066344	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Pronounced Slope	C	40	Damp	Good	Black Spruce

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1116923	20/07/2011	512284	7066335	UTMZ7N_NAD83	Reindeer Moss	Dark Brown	Sand	Pronounced Slope	C	40	Damp	Good	Black Spruce
1116924	20/07/2011	512235	7066329	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Silt	Pronounced Slope	B	40	Wet	Good	Black Spruce
1116925	20/07/2011	512184	7066321	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Silt	Pronounced Slope	B	50	Damp	Poor	Black Spruce
1116926	20/07/2011	512135	7066310	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Pronounced Slope	B	40	Damp	Good	Black Spruce
1116927	20/07/2011	512084	7066304	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Silt	Pronounced Slope	B	50	Wet	Poor	Black Spruce
1116928	20/07/2011	512036	7066294	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Silt	Pronounced Slope	B	40	Wet	Good	Black Spruce
1116929	20/07/2011	511986	7066290	UTMZ7N_NAD83	Reindeer Moss	Dark Brown	Silt	Pronounced Slope	B	40	Wet	Good	Black Spruce
1116930	20/07/2011	511938	7066279	UTMZ7N_NAD83	Reindeer Moss	Dark Brown	Silt	Pronounced Slope	B	50	Wet	Good	Black Spruce
1116932	20/07/2011	511888	7066267	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Silt	Pronounced Slope	B	40	Wet	Good	Black Spruce
1116933	20/07/2011	511862	7066263	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Pronounced Slope	B	50	Wet	Poor	Black Spruce
1116936	25/07/2011	515657	7078370	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Flat	C	40	Dry	Poor	Old Burn
1116937	25/07/2011	515728	7078440	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1116938	25/07/2011	515800	7078500	UTMZ7N_NAD83	Burnt Moss	Greyish Green	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1116939	25/07/2011	515874	7078565	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1116940	25/07/2011	515950	7078632	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1116941	25/07/2011	516024	7078693	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	C	30	Dry	Excellent	Old Burn
1116942	25/07/2011	516099	7078765	UTMZ7N_NAD83	Burnt Moss	Light Brown	Clay	Flat	B	40	Damp	Good	Old Burn
1116943	25/07/2011	516175	7078831	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Clay	Subtle Slope	B	40	Damp	Good	Old Burn
1116944	25/07/2011	516252	7078896	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Flat	B	30	Damp	Good	Old Burn
1116945	28/07/2011	517142	7070426	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1116946	28/07/2011	517164	7070472	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1116947	28/07/2011	517212	7070562	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Pronounced Slope	B	40	Damp	Poor	No Tree Cover
1116948	28/07/2011	517234	7070607	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	No Tree Cover
1116949	28/07/2011	517257	7070649	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	No Tree Cover
1116950	28/07/2011	517274	7070700	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1116951	20/07/2011	508740	7070453	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Dry	Good	Dwarf Birch
1116952	20/07/2011	508717	7070409	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1116953	20/07/2011	508688	7070365	UTMZ7N_NAD83	Grass Cover	Greyish Green	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1116954	20/07/2011	508666	7070318	UTMZ7N_NAD83	Grass Cover	Greyish Green	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1116955	20/07/2011	508645	7070274	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1116956	20/07/2011	508621	7070227	UTMZ7N_NAD83	Grass Cover	Greyish Green	Sand	Subtle Slope	C	110	Dry	Excellent	Old Burn
1116958	20/07/2011	508602	7070182	UTMZ7N_NAD83	Grass Cover	Greyish Green	Sand	Subtle Slope	C	110	Dry	Excellent	Old Burn
1116959	20/07/2011	508580	7070135	UTMZ7N_NAD83	Grass Cover	Greyish Green	Sand	Subtle Slope	C	110	Dry	Excellent	Old Burn
1116960	20/07/2011	508559	7070092	UTMZ7N_NAD83	Grass Cover	Greyish Green	Sand	Flat	C	110	Damp	Excellent	Old Burn
1116961	20/07/2011	508539	7070043	UTMZ7N_NAD83	Grass Cover	Greyish Green	Sand	Flat	C	90	Wet	Good	Old Burn
1116962	20/07/2011	508517	7069999	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Flat	C	60	Wet	Good	Old Burn
1116963	20/07/2011	508498	7069952	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Flat	C	50	Dry	Good	Old Burn
1116964	20/07/2011	508477	7069906	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Flat	C	40	Dry	Good	Old Burn
1116965	20/07/2011	508457	7069861	UTMZ7N_NAD83	Burnt Moss	Light Grey	Sand	Flat	C	50	Dry	Good	Old Burn
1116966	20/07/2011	508438	7069815	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	70	Damp	Good	Dwarf Birch
1116967	20/07/2011	508411	7069771	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	60	Dry	Good	Dwarf Birch
1116968	20/07/2011	508384	7069727	UTMZ7N_NAD83	Grass Cover	Greyish Green	Sand	Flat	C	110	Damp	Excellent	Old Burn
1116969	20/07/2011	508352	7069686	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Flat	C	110	Dry	Excellent	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1116970	20/07/2011	508317	7069648	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Flat	C	30	Dry	Good	Old Burn
1116971	20/07/2011	508273	7069618	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Flat	C	80	Dry	Excellent	Old Burn
1116972	20/07/2011	508229	7069596	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Flat	C	100	Dry	Excellent	Old Burn
1116973	20/07/2011	508185	7069569	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Flat	C	70	Dry	Excellent	Old Burn
1116974	20/07/2011	508139	7069547	UTMZ7N_NAD83	Burnt Moss	Light Grey	Sand	Flat	C	80	Damp	Good	Dwarf Birch
1116975	20/07/2011	508092	7069524	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Flat	C	60	Damp	Good	Dwarf Birch
1116976	20/07/2011	508040	7069510	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Flat	C	80	Dry	Good	Dwarf Birch
1116977	20/07/2011	507990	7069484	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Flat	C	70	Dry	Good	Old Burn
1116978	20/07/2011	507940	7069478	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Flat	C	60	Dry	Good	Old Burn
1116979	20/07/2011	507890	7069464	UTMZ7N_NAD83	Burnt Moss	Light Grey	Sand	Flat	C	110	Dry	Excellent	Old Burn
1116980	20/07/2011	507842	7069450	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	60	Dry	Excellent	Dwarf Birch
1116981	20/07/2011	507794	7069434	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	110	Dry	Excellent	Old Burn
1116982	20/07/2011	507747	7069420	UTMZ7N_NAD83	Grass Cover	Yellow	Silt	Flat	C	110	Dry	Good	Old Burn
1116983	20/07/2011	507698	7069402	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Flat	C	110	Dry	Excellent	Old Burn
1117001	24/07/2011	513370	7076303	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Dwarf Birch
1117002	24/07/2011	513412	7076330	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Excellent	Dwarf Birch
1117003	24/07/2011	513459	7076351	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Excellent	Dwarf Birch
1117004	24/07/2011	513504	7076374	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Dwarf Birch
1117005	24/07/2011	513550	7076399	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Dwarf Birch
1117006	24/07/2011	513591	7076427	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Dwarf Birch
1117007	24/07/2011	513634	7076453	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Excellent	Dwarf Birch
1117008	24/07/2011	513680	7076473	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Dwarf Birch
1117009	24/07/2011	513723	7076498	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Excellent	Dwarf Birch
1117010	24/07/2011	513765	7076527	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	C	60	Damp	Excellent	Dwarf Birch
1117011	24/07/2011	513808	7076553	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Dwarf Birch
1117012	24/07/2011	513852	7076578	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Dwarf Birch
1117013	24/07/2011	513893	7076608	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Excellent	Dwarf Birch
1117014	24/07/2011	513927	7076645	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Dwarf Birch
1117015	24/07/2011	513966	7076675	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Dwarf Birch
1117016	24/07/2011	514004	7076707	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Dwarf Birch
1117017	24/07/2011	514037	7076745	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Excellent	Dwarf Birch
1117018	24/07/2011	514078	7076776	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	60	Dry	Excellent	Dwarf Birch
1117019	24/07/2011	514118	7076806	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Excellent	No Tree Cover
1117020	24/07/2011	514156	7076839	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Dwarf Birch
1117021	24/07/2011	514194	7076874	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Damp	Excellent	Dwarf Birch
1117022	24/07/2011	514222	7076916	UTMZ7N_NAD83	Thin Moss Cover	Reddish Orange	Sand	Flat	C	30	Dry	Excellent	White Spruce
1117023	24/07/2011	514254	7076955	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Dry	Excellent	White Spruce
1117024	24/07/2011	514281	7076998	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Damp	Excellent	Dwarf Birch
1117025	24/07/2011	514309	7077041	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	C	30	Dry	Excellent	Old Burn
1117026	24/07/2011	514330	7077086	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	C	50	Dry	Excellent	Old Burn
1117027	24/07/2011	514361	7077129	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Old Burn
1117028	24/07/2011	514387	7077173	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Dwarf Birch
1117029	24/07/2011	514421	7077212	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Dwarf Birch

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1117030	24/07/2011	514460	7077245	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Dwarf Birch
1117032	24/07/2011	514499	7077283	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	C	50	Damp	Excellent	White Spruce
1117034	24/07/2011	514530	7077320	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1117036	24/07/2011	514380	7078583	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Poor	Black Spruce
1117037	24/07/2011	514336	7078558	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Poor	Black Spruce
1117038	24/07/2011	514295	7078536	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Black Spruce
1117039	24/07/2011	514249	7078511	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	70	Damp	Good	Black Spruce
1117041	24/07/2011	514206	7078491	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Subtle Slope	C	50	Damp	Poor	Black Spruce
1117042	25/07/2011	514573	7077351	UTMZ7N_NAD83	Burnt Moss	Light Brown	Clay	Flat	B	30	Damp	Good	Old Burn
1117043	30/07/2011	520780	7071108	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1117045	30/07/2011	520783	7071158	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1117046	30/07/2011	520775	7071209	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1117047	30/07/2011	520780	7071258	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1117101	21/07/2011	506115	7065257	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Old Burn
1117102	21/07/2011	506082	7065221	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	60	Damp	Excellent	Old Burn
1117104	21/07/2011	506050	7065185	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	90	Wet	Poor	Old Burn
1117105	21/07/2011	506014	7065148	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	90	Damp	Excellent	Old Burn
1117106	21/07/2011	505985	7065113	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Old Burn
1117107	21/07/2011	505948	7065073	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Old Burn
1117108	21/07/2011	505915	7065038	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	90	Wet	Good	Old Burn
1117109	21/07/2011	505882	7065000	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	80	Damp	Excellent	Old Burn
1117110	21/07/2011	505846	7064965	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Good	Old Burn
1117111	21/07/2011	505808	7064932	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Old Burn
1117112	21/07/2011	505770	7064898	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	90	Damp	Excellent	Old Burn
1117113	21/07/2011	505744	7064859	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1117114	21/07/2011	505703	7064833	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	70	Damp	Excellent	Old Burn
1117115	21/07/2011	505665	7064794	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	100	Damp	Excellent	Old Burn
1117116	21/07/2011	505633	7064757	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Old Burn
1117117	21/07/2011	505584	7064736	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn
1117118	21/07/2011	505545	7064709	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	60	Damp	Excellent	Old Burn
1117119	21/07/2011	505504	7064683	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	100	Wet	Good	Birch Forest
1117120	21/07/2011	505460	7064657	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn
1117121	21/07/2011	505410	7064633	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	50	Damp	Excellent	Old Burn
1117122	21/07/2011	505367	7064612	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Excellent	Old Burn
1117123	21/07/2011	505328	7064585	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	70	Damp	Excellent	Old Burn
1117124	21/07/2011	505279	7064562	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Excellent	Old Burn
1117125	21/07/2011	505240	7064532	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Old Burn
1117126	21/07/2011	505191	7064511	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	90	Damp	Excellent	Old Burn
1117127	21/07/2011	505151	7064482	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	90	Damp	Excellent	Old Burn
1117128	21/07/2011	505110	7064459	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Excellent	Old Burn
1117129	21/07/2011	505064	7064434	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Excellent	Old Burn
1117130	21/07/2011	505029	7064398	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1117131	21/07/2011	504983	7064376	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1117132	21/07/2011	504930	7064372	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Old Burn
1117133	21/07/2011	504867	7064375	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1117134	21/07/2011	504819	7064380	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn
1117136	25/07/2011	514650	7077424	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	C	30	Dry	Good	Old Burn
1117137	25/07/2011	514723	7077494	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1117139	25/07/2011	514791	7077566	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1117140	25/07/2011	514864	7077637	UTMZ7N_NAD83	Burnt Moss	Light Brown	Clay	Subtle Slope	B	40	Damp	Good	Old Burn
1117141	25/07/2011	514934	7077706	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Clay	Subtle Slope	B	40	Damp	Good	Old Burn
1117142	25/07/2011	515004	7077777	UTMZ7N_NAD83	Burnt Moss	Light Brown	Clay	Flat	B	30	Damp	Good	Old Burn
1117143	25/07/2011	515075	7077848	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Old Burn
1117144	25/07/2011	515135	7077901	UTMZ7N_NAD83	Burnt Moss	Light Brown	Clay	Subtle Slope	B	40	Damp	Good	Old Burn
1117145	25/07/2011	515210	7077970	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Poor	Old Burn
1117146	25/07/2011	515286	7078036	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1117147	25/07/2011	515356	7078104	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	C	30	Dry	Poor	Old Burn
1117148	25/07/2011	515433	7078169	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Poor	Old Burn
1117149	25/07/2011	515508	7078235	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1117150	25/07/2011	515580	7078307	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Flat	C	40	Dry	Excellent	Old Burn
1117151	27/07/2011	513129	7073121	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Flat	C	50	Damp	Good	No Tree Cover
1117153	27/07/2011	513145	7073167	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Damp	Excellent	No Tree Cover
1117154	27/07/2011	513130	7073222	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Damp	Good	No Tree Cover
1117155	27/07/2011	513100	7073262	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Flat	C	70	Wet	Excellent	No Tree Cover
1117156	27/07/2011	513061	7073301	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Flat	C	60	Wet	Good	No Tree Cover
1117167	27/07/2011	513015	7073346	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Damp	Good	No Tree Cover
1117168	27/07/2011	512974	7073382	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Damp	Good	No Tree Cover
1117169	27/07/2011	512931	7073417	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Flat	C	30	Damp	Good	No Tree Cover
1117170	27/07/2011	512898	7073453	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1117171	27/07/2011	512897	7073514	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Pronounced Slope	C	40	Damp	Good	No Tree Cover
1117172	27/07/2011	513257	7072641	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Excellent	No Tree Cover
1117173	27/07/2011	513234	7072682	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Damp	Good	No Tree Cover
1117174	27/07/2011	513215	7072732	UTMZ7N_NAD83	Bare Soil	Dark Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1117175	27/07/2011	513216	7072793	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1117176	27/07/2011	513199	7072852	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Pronounced Slope	C	20	Damp	Good	No Tree Cover
1117177	27/07/2011	513189	7072922	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Light Brown	Sand	Flat	C	50	Wet	Good	No Tree Cover
1117178	27/07/2011	513176	7072975	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Flat	C	50	Damp	Good	No Tree Cover
1117179	27/07/2011	513167	7073029	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Sand	Flat	C	30	Wet	Poor	No Tree Cover
1117180	27/07/2011	513164	7073084	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Damp	Good	No Tree Cover
1117181	27/07/2011	513272	7072580	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Excellent	No Tree Cover
1117182	27/07/2011	513286	7072533	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Steep	C	40	Damp	Good	No Tree Cover
1117183	27/07/2011	513310	7072493	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	No Tree Cover
1117201	21/07/2011	510120	7076601	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Poor	Willows
1117202	21/07/2011	510159	7076570	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	Willows
1117203	21/07/2011	510197	7076539	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	Willows
1117204	21/07/2011	510237	7076508	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1117205	21/07/2011	510264	7076466	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Willows
1117206	21/07/2011	510253	7076417	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1117207	21/07/2011	510238	7076370	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Willows
1117208	21/07/2011	510225	7076320	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Wet	Good	Willows
1117209	21/07/2011	510212	7076273	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Wet	Good	Willows
1117210	21/07/2011	510200	7076224	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1117211	21/07/2011	510185	7076175	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1117212	21/07/2011	510171	7076126	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Subtle Slope	B	10	Damp	Poor	Willows
1117213	21/07/2011	510158	7076077	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1117214	21/07/2011	510149	7076028	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	Willows
1117215	21/07/2011	510134	7075980	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1117216	21/07/2011	510119	7075932	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1117228	21/07/2011	509855	7075418	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	Black Spruce
1117229	21/07/2011	509820	7075382	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Wet	Good	Black Spruce
1117230	23/07/2011	510489	7067590	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1117231	23/07/2011	510449	7067562	UTMZ7N_NAD83	Grass Cover	Grey	Clay	Subtle Slope	B	30	Damp	Poor	No Tree Cover
1117232	23/07/2011	510426	7067551	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Willows
1117233	23/07/2011	510378	7067534	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Poor	Old Burn
1117234	23/07/2011	510331	7067513	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1117235	23/07/2011	510287	7067499	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	70	Damp	Good	Old Burn
1117236	23/07/2011	510238	7067480	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Old Burn
1117237	23/07/2011	510191	7067463	UTMZ7N_NAD83	Grass Cover	Grey	Clay	Subtle Slope	B	60	Damp	Good	Old Burn
1117238	23/07/2011	510143	7067444	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	90	Damp	Poor	Old Burn
1117239	23/07/2011	510097	7067428	UTMZ7N_NAD83	Grass Cover	Dark Blue Black	Sand	Subtle Slope	C	80	Damp	Poor	Old Burn
1117240	23/07/2011	510047	7067410	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	70	Wet	Good	Old Burn
1117241	23/07/2011	510001	7067397	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	50	Wet	Poor	Black Spruce
1117242	23/07/2011	509956	7067376	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Poor	Old Burn
1117243	23/07/2011	509909	7067357	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Old Burn
1117244	31/07/2011	525111	7072253	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1117245	31/07/2011	525140	7072292	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1117301	20/07/2011	512519	7067859	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Old Burn
1117302	20/07/2011	512504	7067812	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Old Burn
1117303	20/07/2011	512485	7067766	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Good	Old Burn
1117304	20/07/2011	512467	7067720	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1117305	20/07/2011	512446	7067673	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn
1117306	20/07/2011	512424	7067626	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	90	Damp	Excellent	Old Burn
1117307	20/07/2011	512406	7067577	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	C	60	Damp	Excellent	Old Burn
1117308	20/07/2011	512391	7067528	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Pronounced Slope	C	50	Dry	Excellent	Old Burn
1117309	20/07/2011	512372	7067482	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	60	Damp	Good	Old Burn
1117310	20/07/2011	512357	7067434	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	Old Burn
1117311	20/07/2011	512339	7067387	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1117312	20/07/2011	512318	7067342	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1117313	20/07/2011	512299	7067295	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Excellent	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1117314	20/07/2011	512282	7067249	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Excellent	Old Burn
1117315	20/07/2011	512261	7067202	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Old Burn
1117316	20/07/2011	512233	7067160	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Excellent	Old Burn
1117317	20/07/2011	512190	7067133	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1117318	20/07/2011	512149	7067103	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn
1117319	20/07/2011	512105	7067075	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Old Burn
1117320	20/07/2011	512064	7067045	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	Old Burn
1117321	20/07/2011	512020	7067016	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1117323	20/07/2011	511978	7066984	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1117324	20/07/2011	511935	7066960	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1117325	20/07/2011	511896	7066933	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Dry	Good	Old Burn
1117326	20/07/2011	511855	7066902	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1117327	20/07/2011	511813	7066875	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Old Burn
1117328	20/07/2011	511772	7066845	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Poplar
1117329	20/07/2011	511729	7066820	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Poplar
1117330	20/07/2011	511686	7066793	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Excellent	Birch Forest
1117331	20/07/2011	511645	7066763	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1117333	28/07/2011	515722	7076143	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Dwarf Birch
1117334	28/07/2011	515745	7076190	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Dwarf Birch
1117335	28/07/2011	515704	7076095	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Good	Dwarf Birch
1117336	20/07/2011	513148	7069867	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1117337	20/07/2011	513151	7069812	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1117338	20/07/2011	513149	7069760	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Wet	Good	Dwarf Birch
1117339	20/07/2011	513148	7069710	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Wet	Good	Dwarf Birch
1117340	20/07/2011	513148	7069664	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	Dwarf Birch
1117341	20/07/2011	513152	7069614	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1117342	20/07/2011	513148	7069559	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	No Tree Cover
1117343	20/07/2011	513152	7069514	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	Dwarf Birch
1117344	20/07/2011	513151	7069461	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1117345	20/07/2011	513151	7069413	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1117346	20/07/2011	513152	7069362	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Good	Dwarf Birch
1117347	20/07/2011	513151	7069312	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Dwarf Birch
1117348	20/07/2011	513153	7069261	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Excellent	No Tree Cover
1117349	20/07/2011	513152	7069212	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Excellent	Dwarf Birch
1117350	20/07/2011	513150	7069159	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Old Burn
1117351	20/07/2011	513153	7069110	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	20	Damp	Excellent	Dwarf Birch
1117352	20/07/2011	513151	7069065	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn
1117353	20/07/2011	513148	7069015	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Old Burn
1117354	20/07/2011	513142	7068965	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Willows
1117355	20/07/2011	513137	7068913	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Old Burn
1117356	20/07/2011	513134	7068866	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Good	No Tree Cover
1117357	20/07/2011	513129	7068814	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Old Burn
1117358	20/07/2011	513125	7068764	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1117359	20/07/2011	513121	7068716	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Wet	Good	Old Burn
1117360	20/07/2011	513115	7068667	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Old Burn
1117361	20/07/2011	513112	7068613	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1117363	20/07/2011	513108	7068565	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Sand	Subtle Slope	C	20	Damp	Excellent	No Tree Cover
1117364	20/07/2011	513104	7068514	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	Willows
1117365	20/07/2011	513098	7068466	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1117366	20/07/2011	513096	7068420	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Good	Old Burn
1117367	20/07/2011	513092	7068365	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Excellent	Old Burn
1117368	20/07/2011	513089	7068315	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn
1117369	20/07/2011	513081	7068263	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1117370	21/07/2011	506409	7073456	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Excellent	Old Burn
1122028	31/07/2011	525902	7073464	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	Willows
1122029	31/07/2011	525935	7073501	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1122030	31/07/2011	525967	7073540	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1122031	31/07/2011	525999	7073581	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1122033	31/07/2011	526020	7073607	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1122001	31/07/2011	525159	7072343	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1122002	31/07/2011	525188	7072383	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1122003	31/07/2011	525217	7072426	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1122004	31/07/2011	525249	7072462	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1122005	31/07/2011	525275	7072502	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1122006	31/07/2011	525304	7072543	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1122007	31/07/2011	525334	7072583	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1122008	31/07/2011	525363	7072623	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	10	Damp	Good	No Tree Cover
1122009	31/07/2011	525387	7072666	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1122010	31/07/2011	525416	7072707	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Good	No Tree Cover
1122011	31/07/2011	525444	7072747	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1122012	31/07/2011	525477	7072786	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1122013	31/07/2011	525511	7072825	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	No Tree Cover
1122014	31/07/2011	525527	7072872	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1122015	31/07/2011	525557	7072912	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1122016	31/07/2011	525587	7072953	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1122017	31/07/2011	525617	7072994	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1122018	31/07/2011	525645	7073034	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1122019	31/07/2011	525667	7073078	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1122020	31/07/2011	525694	7073119	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1122021	31/07/2011	525723	7073160	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1122022	31/07/2011	525749	7073202	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1122023	31/07/2011	525774	7073246	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Grey	Clay	Subtle Slope	B	30	Damp	Good	No Tree Cover
1122024	31/07/2011	525801	7073289	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1122025	31/07/2011	525825	7073333	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Damp	Good	No Tree Cover
1122026	31/07/2011	525850	7073376	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	No Tree Cover
1122027	31/07/2011	525877	7073419	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1125001	29/07/2011	510976	7075655	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1125002	29/07/2011	510927	7075643	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	A	40	Damp	Good	No Tree Cover
1125003	29/07/2011	510877	7075629	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	No Tree Cover
1125004	29/07/2011	510828	7075620	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	No Tree Cover
1125005	29/07/2011	510778	7075607	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Wet	Good	No Tree Cover
1125006	29/07/2011	510728	7075596	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Wet	Good	No Tree Cover
1125007	29/07/2011	510679	7075586	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Wet	Excellent	No Tree Cover
1125008	29/07/2011	510630	7075574	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	60	Wet	Good	No Tree Cover
1125010	29/07/2011	510579	7075563	UTMZ7N_NAD83	Grass Cover	Reddish Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1125011	29/07/2011	510530	7075552	UTMZ7N_NAD83	Grass Cover	Reddish Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1125012	29/07/2011	510481	7075542	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	No Tree Cover
1125013	29/07/2011	510433	7075532	UTMZ7N_NAD83	Grass Cover	Reddish Brown	Sand	Pronounced Slope	C	40	Damp	Good	No Tree Cover
1125014	29/07/2011	510394	7075501	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1125015	29/07/2011	510360	7075463	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Pronounced Slope	B	40	Damp	Good	Subalpine Fir
1125016	29/07/2011	510332	7075424	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Pronounced Slope	B	60	Wet	Good	Willows
1125017	29/07/2011	510302	7075384	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Pronounced Slope	C	40	Damp	Good	Willows
1125018	29/07/2011	510272	7075345	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Pronounced Slope	B	30	Damp	Poor	Willows
1125019	29/07/2011	510242	7075305	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Pronounced Slope	C	40	Damp	Good	Willows
1125020	29/07/2011	510211	7075267	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Pronounced Slope	C	40	Damp	Good	Willows
1125021	29/07/2011	510180	7075228	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	70	Damp	Excellent	Willows
1125023	29/07/2011	510151	7075189	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Pronounced Slope	C	60	Damp	Excellent	Willows
1125024	29/07/2011	510110	7075158	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	70	Damp	Good	Willows
1125025	29/07/2011	510068	7075129	UTMZ7N_NAD83	Grass Cover	Reddish Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1125026	29/07/2011	510027	7075101	UTMZ7N_NAD83	Grass Cover	Reddish Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1125027	29/07/2011	509986	7075075	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	60	Damp	Good	Willows
1125028	29/07/2011	509944	7075050	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	50	Damp	Excellent	Willows
1125029	29/07/2011	509902	7075022	UTMZ7N_NAD83	Grass Cover	Dark Olivine Green	Sand	Subtle Slope	C	60	Damp	Excellent	Willows
1125030	29/07/2011	509861	7074994	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Damp	Excellent	Willows
1125031	29/07/2011	509817	7074968	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Willows
1125032	29/07/2011	509767	7074973	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	70	Wet	Good	Willows
1125033	29/07/2011	509717	7074976	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	70	Damp	Excellent	Willows
1125037	30/07/2011	520048	7070443	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	No Tree Cover
1125038	30/07/2011	520008	7070466	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	No Tree Cover
1125039	30/07/2011	519960	7070488	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Poor	No Tree Cover
1125040	30/07/2011	519917	7070520	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Pronounced Slope	C	40	Damp	Good	No Tree Cover
1125041	30/07/2011	519865	7070541	UTMZ7N_NAD83	Grass Cover	Greyish Green	Sand	Pronounced Slope	C	90	Damp	Excellent	No Tree Cover
1125042	30/07/2011	519826	7070564	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Pronounced Slope	C	50	Damp	Good	No Tree Cover
1125043	30/07/2011	519780	7070586	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Wet	Good	No Tree Cover
1125044	30/07/2011	519731	7070609	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	No Tree Cover
1125045	30/07/2011	519690	7070628	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Flat	C	40	Damp	Good	No Tree Cover
1125046	30/07/2011	519650	7070659	UTMZ7N_NAD83	Thin Moss Cover	Dark Blue Black	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1125047	30/07/2011	519604	7070677	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	No Tree Cover
1125048	30/07/2011	519557	7070699	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1125049	30/07/2011	519511	7070720	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	60	Damp	Good	No Tree Cover
1125050	30/07/2011	519473	7070751	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1125051	30/07/2011	519424	7070766	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1125052	30/07/2011	519388	7070796	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1125053	30/07/2011	519334	7070805	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	80	Damp	Good	No Tree Cover
1125054	30/07/2011	519284	7070816	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Flat	B	60	Wet	Good	No Tree Cover
1125055	30/07/2011	519224	7070829	UTMZ7N_NAD83	Grass Cover	Greyish Green	Sand	Flat	C	50	Damp	Good	No Tree Cover
1125056	30/07/2011	519185	7070841	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	40	Damp	Good	No Tree Cover
1125057	30/07/2011	519135	7070854	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	50	Damp	Good	No Tree Cover
1125058	30/07/2011	519088	7070866	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Poor	No Tree Cover
1125059	30/07/2011	519038	7070874	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	80	Damp	Excellent	No Tree Cover
1125060	30/07/2011	518992	7070887	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Poor	No Tree Cover
1125061	30/07/2011	518944	7070910	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Poor	No Tree Cover
1125062	30/07/2011	518894	7070938	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Flat	C	50	Damp	Good	No Tree Cover
1125063	30/07/2011	518848	7070962	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Bluish Grey	Sand	Flat	C	50	Damp	Excellent	No Tree Cover
1125064	30/07/2011	518802	7070981	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Flat	C	30	Damp	Good	No Tree Cover
1125065	30/07/2011	518764	7071011	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Flat	B	30	Damp	Good	No Tree Cover
1125066	30/07/2011	518712	7071034	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Flat	C	60	Dry	Excellent	No Tree Cover
1125067	30/07/2011	518674	7071060	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Flat	B	50	Damp	Good	No Tree Cover
1125076	30/07/2011	518105	7069672	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Steep	B	40	Damp	Poor	No Tree Cover
1125077	30/07/2011	518116	7069625	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Steep	B	40	Damp	Good	No Tree Cover
1125078	30/07/2011	518147	7069544	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Steep	B	40	Damp	Good	No Tree Cover
1125079	30/07/2011	518156	7069505	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Steep	B	50	Damp	Good	No Tree Cover
1125080	30/07/2011	518178	7069396	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Steep	B	40	Damp	Good	No Tree Cover
1125081	30/07/2011	518160	7069436	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Steep	B	30	Damp	Poor	No Tree Cover
1125082	30/07/2011	518190	7069350	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Steep	B	40	Damp	Good	No Tree Cover
1125083	30/07/2011	518210	7069304	UTMZ7N_NAD83	Rock Cover	Light Brown	Sand	Steep	C	30	Damp	Good	No Tree Cover
1125084	30/07/2011	518211	7069260	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Steep	B	30	Damp	Good	No Tree Cover
1125085	30/07/2011	518233	7069217	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Steep	B	40	Damp	Good	No Tree Cover
1125086	30/07/2011	518259	7069122	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Steep	B	30	Damp	Poor	No Tree Cover
1125087	30/07/2011	518247	7069072	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Steep	B	30	Damp	Poor	No Tree Cover
1125088	30/07/2011	518271	7069031	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Steep	B	40	Damp	Good	No Tree Cover
1125089	30/07/2011	518315	7068917	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Steep	B	50	Damp	Good	No Tree Cover
1125090	30/07/2011	518312	7068872	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Steep	B	40	Damp	Poor	No Tree Cover
1125091	30/07/2011	518399	7068800	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Steep	B	50	Damp	Good	No Tree Cover
1125092	30/07/2011	518422	7068757	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Steep	B	30	Damp	Good	No Tree Cover
1125093	30/07/2011	518449	7068715	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1125094	30/07/2011	518480	7068677	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Poor	No Tree Cover
1125095	30/07/2011	518498	7068632	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1125096	30/07/2011	518547	7068623	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1125097	30/07/2011	518598	7068629	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1125098	30/07/2011	518642	7068653	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1125099	30/07/2011	518677	7068690	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1125100	30/07/2011	518711	7068726	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1125101	30/07/2011	518745	7068763	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1125102	30/07/2011	518774	7068831	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1125104	31/07/2011	523930	7072485	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1125105	31/07/2011	523961	7072524	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1125106	31/07/2011	523989	7072565	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	No Tree Cover
1125107	31/07/2011	524051	7072643	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Pronounced Slope	A	50	Damp	Poor	No Tree Cover
1125108	31/07/2011	524082	7072685	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Poor	No Tree Cover
1125109	31/07/2011	524115	7072724	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Poor	No Tree Cover
1125110	31/07/2011	524146	7072766	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Poor	No Tree Cover
1125111	31/07/2011	524215	7072835	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Poor	No Tree Cover
1125112	31/07/2011	524239	7072881	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	A	50	Damp	Poor	No Tree Cover
1125113	31/07/2011	524261	7072924	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	70	Damp	Good	No Tree Cover
1125114	31/07/2011	524293	7072962	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Poor	No Tree Cover
1125115	31/07/2011	524316	7073005	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	A	60	Damp	Good	No Tree Cover
1125116	31/07/2011	524359	7073036	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	60	Wet	Good	Willows
1125117	31/07/2011	524385	7073078	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	Willows
1125118	31/07/2011	524409	7073121	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	No Tree Cover
1125119	31/07/2011	524445	7073158	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	A	50	Damp	Poor	No Tree Cover
1125120	31/07/2011	524466	7073203	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Poor	Willows
1125121	31/07/2011	524500	7073241	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	100	Damp	Good	No Tree Cover
1125122	31/07/2011	524524	7073284	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	60	Damp	Good	Willows
1125123	31/07/2011	524555	7073322	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Poor	No Tree Cover
1125124	31/07/2011	524614	7073400	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Pronounced Slope	A	40	Damp	Poor	No Tree Cover
1125125	31/07/2011	524642	7073442	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Pronounced Slope	A	50	Damp	Poor	No Tree Cover
1125126	31/07/2011	524670	7073487	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Pronounced Slope	B	40	Damp	Poor	Black Spruce
1125127	31/07/2011	524701	7073526	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Poor	Willows
1125128	31/07/2011	524730	7073567	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1125129	31/07/2011	524749	7073613	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	A	40	Damp	Good	Subalpine Fir
1125130	31/07/2011	524783	7073654	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	110	Wet	Excellent	No Tree Cover
1125132	31/07/2011	524804	7073689	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	Willows
1125133	31/07/2011	524838	7073737	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Pronounced Slope	C	50	Damp	Poor	Subalpine Fir
1125135	05/08/2011	526451	7071737	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Old Burn
1125136	05/08/2011	526479	7071779	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Dry	Good	Old Burn
1125137	05/08/2011	526509	7071821	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Pronounced Slope	B	40	Damp	Good	Willows
1125138	05/08/2011	526536	7071861	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Dry	Good	Willows
1125139	05/08/2011	526567	7071902	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Pronounced Slope	B	40	Dry	Good	Old Burn
1125140	05/08/2011	526595	7071945	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Willows
1125141	05/08/2011	526626	7071984	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Pronounced Slope	B	50	Damp	Good	Willows
1125142	05/08/2011	526650	7072028	UTMZ7N_NAD83	Burnt Moss	Dark Brown	Sand	Subtle Slope	B	40	Dry	Good	Old Burn
1125143	05/08/2011	526680	7072068	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Pronounced Slope	B	40	Damp	Good	Old Burn
1125144	05/08/2011	526709	7072111	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Dry	Good	Old Burn
1125145	05/08/2011	526738	7072152	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	Dwarf Birch

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1125146	05/08/2011	526768	7072194	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Dwarf Birch
1125147	05/08/2011	526800	7072234	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Pronounced Slope	B	40	Damp	Poor	Dwarf Birch
1125148	05/08/2011	526830	7072274	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1125149	05/08/2011	526866	7072309	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	20	Dry	Good	Dwarf Birch
1125150	05/08/2011	526902	7072346	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Good	Old Burn
1125501	28/07/2011	513447	7072087	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Flat	C	40	Damp	Good	No Tree Cover
1125502	28/07/2011	513394	7072095	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Damp	Good	No Tree Cover
1125503	28/07/2011	513344	7072081	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Damp	Good	No Tree Cover
1125504	28/07/2011	513293	7072068	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Flat	C	50	Damp	Good	No Tree Cover
1125505	28/07/2011	513249	7072077	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1125506	28/07/2011	513198	7072074	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1125507	28/07/2011	513135	7072075	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	40	Damp	Good	No Tree Cover
1125508	28/07/2011	513085	7072057	UTMZ7N_NAD83	Bare Soil	Light Brown	Sand	Flat	C	40	Damp	Excellent	No Tree Cover
1125509	28/07/2011	513027	7072054	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	20	Damp	Good	No Tree Cover
1125510	28/07/2011	512976	7072050	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1125511	28/07/2011	512926	7072040	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	30	Wet	Good	No Tree Cover
1125512	28/07/2011	512865	7072036	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	50	Damp	Excellent	No Tree Cover
1125513	28/07/2011	512821	7072038	UTMZ7N_NAD83	Frost Boil	Light Brown	Sand	Flat	C	30	Wet	Poor	No Tree Cover
1125514	28/07/2011	512769	7072056	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	60	Damp	Excellent	No Tree Cover
1125515	28/07/2011	512717	7072038	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	70	Wet	Excellent	No Tree Cover
1125516	28/07/2011	512671	7072037	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Sand	Flat	C	70	Wet	Excellent	No Tree Cover
1125517	28/07/2011	512627	7072055	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	30	Damp	Excellent	No Tree Cover
1125518	28/07/2011	512567	7072063	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	No Tree Cover
1125519	28/07/2011	512516	7072065	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Clay	Flat	C	60	Wet	Good	No Tree Cover
1125520	28/07/2011	512477	7072079	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Clay	Flat	C	60	Wet	Good	No Tree Cover
1125521	28/07/2011	512426	7072079	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Flat	C	60	Damp	Good	No Tree Cover
1125522	28/07/2011	512376	7072083	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	30	Damp	Poor	No Tree Cover
1125523	28/07/2011	512326	7072106	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Pronounced Slope	C	30	Damp	Poor	No Tree Cover
1125524	28/07/2011	512279	7072110	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Wet	Excellent	No Tree Cover
1125525	28/07/2011	512230	7072120	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	50	Damp	Poor	No Tree Cover
1125526	28/07/2011	512174	7072130	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	No Tree Cover
1125527	28/07/2011	512112	7072149	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1125528	28/07/2011	512085	7072156	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Pronounced Slope	C	50	Damp	Good	No Tree Cover
1125529	28/07/2011	512037	7072162	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	50	Damp	Excellent	No Tree Cover
1125530	28/07/2011	511981	7072189	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	20	Damp	Good	No Tree Cover
1125531	28/07/2011	511928	7072225	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	40	Damp	Excellent	No Tree Cover
1125532	28/07/2011	511908	7072253	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Damp	Excellent	No Tree Cover
1125551	28/07/2011	513491	7072055	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	No Tree Cover
1125552	28/07/2011	513466	7072013	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1125553	28/07/2011	513441	7071969	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1125554	28/07/2011	513410	7071928	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1125555	28/07/2011	513384	7071885	UTMZ7N_NAD83	Frost Boil	Dark Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1125556	28/07/2011	513360	7071841	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1125557	28/07/2011	513331	7071799	UTMZ7N_NAD83	Frost Boil	Grey	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1125558	28/07/2011	513305	7071755	UTMZ7N_NAD83	Thin Moss Cover	Grey	Clay	Subtle Slope	B	90	Wet	Good	No Tree Cover
1125559	28/07/2011	513275	7071715	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1125560	28/07/2011	513254	7071671	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1125561	28/07/2011	513223	7071631	UTMZ7N_NAD83	Frost Boil	Light Brown	Sand	Subtle Slope	B	40	Wet	Good	No Tree Cover
1125562	28/07/2011	513197	7071588	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1125563	28/07/2011	513169	7071547	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Excellent	No Tree Cover
1125564	28/07/2011	513141	7071506	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1125565	28/07/2011	513115	7071463	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1125566	28/07/2011	513093	7071419	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1125567	28/07/2011	513054	7071387	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1125568	28/07/2011	513017	7071354	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1125569	28/07/2011	512974	7071328	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	No Tree Cover
1125570	28/07/2011	512931	7071300	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	10	Damp	Poor	No Tree Cover
1125571	28/07/2011	512888	7071269	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1125572	28/07/2011	512847	7071240	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1125573	28/07/2011	512805	7071213	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1125574	28/07/2011	512762	7071184	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1125575	28/07/2011	512720	7071155	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1125576	28/07/2011	512657	7071149	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	80	Wet	Poor	Willows
1125577	28/07/2011	512625	7071108	UTMZ7N_NAD83	Thin Moss Cover	Grey	Clay	Subtle Slope	B	50	Wet	Poor	Willows
1125578	28/07/2011	512591	7071071	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1125579	28/07/2011	512548	7071043	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Willows
1125580	28/07/2011	512506	7071014	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1126237	31/07/2011	524256	7071568	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1126238	31/07/2011	524300	7071589	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Good	No Tree Cover
1126239	31/07/2011	523807	7071329	UTMZ7N_NAD83	Bare Soil	Bluish Grey	Clay	Flat	B	40	Wet	Good	No Tree Cover
1126240	31/07/2011	523852	7071348	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Poor	No Tree Cover
1126241	31/07/2011	523876	7071382	UTMZ7N_NAD83	Bare Soil	Reddish Yellow	Sand	Subtle Slope	C	30	Damp	Excellent	No Tree Cover
1126243	31/07/2011	524341	7071620	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	No Tree Cover
1126244	31/07/2011	524389	7071635	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1126245	31/07/2011	524432	7071661	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1126246	31/07/2011	524475	7071689	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1126247	31/07/2011	524519	7071711	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1126248	31/07/2011	524567	7071733	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Poor	No Tree Cover
1127115	31/07/2011	526400	7070839	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Clay	Subtle Slope	C	20	Damp	Good	No Tree Cover
1127116	31/07/2011	526348	7070841	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Clay	Subtle Slope	C	40	Damp	Good	No Tree Cover
1127117	31/07/2011	526297	7070840	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Clay	Subtle Slope	C	20	Damp	Good	No Tree Cover
1127118	31/07/2011	526245	7070844	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1127119	31/07/2011	526194	7070843	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Clay	Flat	C	40	Damp	Good	No Tree Cover
1127120	31/07/2011	526143	7070846	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Clay	Subtle Slope	C	30	Damp	Good	No Tree Cover
1127121	31/07/2011	526100	7070846	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Clay	Flat	C	50	Damp	Good	No Tree Cover
1127578	30/07/2011	520180	7070456	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1127579	30/07/2011	520222	7070482	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Wet	Good	No Tree Cover
1127580	30/07/2011	520265	7070508	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1127581	30/07/2011	520308	7070535	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1127582	30/07/2011	520353	7070561	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1127583	30/07/2011	520392	7070590	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Good	No Tree Cover
1127584	30/07/2011	520435	7070618	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	No Tree Cover
1127585	30/07/2011	520478	7070642	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Dry	Good	No Tree Cover
1127586	30/07/2011	520518	7070670	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1127587	30/07/2011	520553	7070706	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1127588	30/07/2011	520584	7070747	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1127830	31/07/2011	522699	7071366	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1127831	31/07/2011	522726	7071407	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1127851	31/07/2011	525425	7072536	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Excellent	No Tree Cover
1127852	31/07/2011	525479	7072555	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Excellent	No Tree Cover
1127853	31/07/2011	525528	7072575	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Dry	Excellent	No Tree Cover
1127854	31/07/2011	525574	7072594	UTMZ7N_NAD83	Grass Cover	Dark Brown	Silt	Pronounced Slope	B	30	Dry	Good	No Tree Cover
1126001	27/07/2011	514212	7073905	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	40	Wet	Good	Dwarf Birch
1126002	27/07/2011	514176	7073867	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	40	Wet	Good	Dwarf Birch
1126003	27/07/2011	514143	7073829	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1126004	27/07/2011	514109	7073791	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1126005	27/07/2011	514073	7073754	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Subtle Slope	C	60	Wet	Good	No Tree Cover
1126006	27/07/2011	514038	7073718	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Subtle Slope	C	50	Dry	Good	Willows
1126007	27/07/2011	514005	7073681	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Willows
1126008	27/07/2011	513971	7073645	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Willows
1126009	27/07/2011	513936	7073608	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Good	Willows
1126010	27/07/2011	513897	7073574	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	90	Wet	Good	No Tree Cover
1126011	27/07/2011	513857	7073545	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	80	Damp	Good	No Tree Cover
1126012	27/07/2011	513823	7073508	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	No Tree Cover
1126013	27/07/2011	513781	7073480	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Yellow	Sand	Subtle Slope	C	70	Damp	Excellent	No Tree Cover
1126014	27/07/2011	513744	7073444	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1126015	27/07/2011	513702	7073414	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	No Tree Cover
1126016	27/07/2011	513653	7073398	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	80	Damp	Excellent	No Tree Cover
1126017	27/07/2011	513605	7073382	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1126018	27/07/2011	513557	7073367	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	100	Damp	Excellent	No Tree Cover
1126019	27/07/2011	513507	7073356	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	90	Damp	Good	Dwarf Birch
1126020	27/07/2011	513463	7073380	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Dwarf Birch
1126021	27/07/2011	513457	7073430	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1126022	27/07/2011	513450	7073480	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Dwarf Birch
1126023	27/07/2011	513443	7073531	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Dwarf Birch
1126024	27/07/2011	513434	7073582	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1126025	27/07/2011	513437	7073632	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1126026	27/07/2011	513441	7073683	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Dwarf Birch
1126027	27/07/2011	513461	7073730	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1126028	27/07/2011	513476	7073778	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Dwarf Birch
1126029	27/07/2011	513495	7073822	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Good	Dwarf Birch
1126030	27/07/2011	513515	7073870	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1126031	27/07/2011	513538	7073917	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1126051	27/07/2011	514939	7072719	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Flat	B	50	Damp	Good	No Tree Cover
1126052	27/07/2011	514973	7072755	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Flat	C	30	Damp	Good	No Tree Cover
1126053	27/07/2011	515005	7072797	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Flat	A	40	Damp	Poor	No Tree Cover
1126054	27/07/2011	515042	7072830	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	A	40	Damp	Good	No Tree Cover
1126055	27/07/2011	515074	7072871	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	A	60	Damp	Good	No Tree Cover
1126056	27/07/2011	515112	7072905	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	B	50	Damp	Poor	No Tree Cover
1126057	27/07/2011	515143	7072944	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Poor	No Tree Cover
1126058	27/07/2011	515177	7072981	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Poor	No Tree Cover
1126059	27/07/2011	515191	7073031	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Steep	B	30	Damp	Poor	No Tree Cover
1126060	27/07/2011	515221	7073071	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Poor	No Tree Cover
1126061	27/07/2011	515261	7073104	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Subtle Slope	C	50	Damp	Excellent	No Tree Cover
1126062	27/07/2011	515289	7073145	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	No Tree Cover
1126063	27/07/2011	515321	7073183	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Flat	C	50	Damp	Good	No Tree Cover
1126064	27/07/2011	515350	7073225	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1126065	27/07/2011	515373	7073270	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	A	30	Damp	Good	No Tree Cover
1126066	27/07/2011	515397	7073315	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Poor	No Tree Cover
1126067	27/07/2011	515417	7073361	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1126068	27/07/2011	515431	7073410	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Poor	No Tree Cover
1126069	27/07/2011	515460	7073446	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1126070	27/07/2011	515485	7073490	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1126071	27/07/2011	515501	7073540	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1126072	27/07/2011	515518	7073586	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Steep	C	40	Damp	Good	No Tree Cover
1126073	27/07/2011	515539	7073632	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Flat	C	70	Damp	Excellent	No Tree Cover
1126074	27/07/2011	515538	7073634	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Flat	C	70	Damp	Excellent	No Tree Cover
1126075	27/07/2011	515556	7073678	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1126076	27/07/2011	515572	7073725	UTMZ7N_NAD83	Grass Cover	Bluish Grey	Sand	Flat	B	60	Damp	Good	No Tree Cover
1126077	27/07/2011	515588	7073772	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Poor	No Tree Cover
1126078	27/07/2011	515601	7073819	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1126079	27/07/2011	515621	7073865	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1126080	27/07/2011	515642	7073912	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1126081	27/07/2011	515651	7073961	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Excellent	No Tree Cover
1126082	27/07/2011	515639	7074012	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	No Tree Cover
1126083	27/07/2011	515632	7074063	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Poor	No Tree Cover
1126101	27/07/2011	517050	7073909	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	No Tree Cover
1126102	27/07/2011	517056	7073959	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	No Tree Cover
1126103	27/07/2011	517052	7074010	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Subtle Slope	B	40	Dry	Good	No Tree Cover
1126104	27/07/2011	517053	7074063	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Flat	B	30	Damp	Good	No Tree Cover
1126105	27/07/2011	517048	7074114	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Flat	C	30	Dry	Excellent	No Tree Cover
1126106	27/07/2011	517046	7074166	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Flat	B	30	Dry	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1126107	27/07/2011	517045	7074217	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1126108	27/07/2011	517041	7074269	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1126109	27/07/2011	517033	7074321	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1126110	27/07/2011	517002	7074362	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1126111	27/07/2011	516967	7074399	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1126112	27/07/2011	516934	7074439	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Good	No Tree Cover
1126113	27/07/2011	516901	7074479	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Flat	C	30	Dry	Excellent	No Tree Cover
1126114	27/07/2011	516871	7074520	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1126115	27/07/2011	516837	7074558	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Flat	C	20	Dry	Excellent	No Tree Cover
1126116	27/07/2011	516804	7074597	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Flat	C	30	Damp	Excellent	No Tree Cover
1126117	27/07/2011	516772	7074646	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	No Tree Cover
1126118	27/07/2011	516752	7074687	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	30	Wet	Excellent	No Tree Cover
1126119	27/07/2011	516732	7074735	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Wet	Excellent	No Tree Cover
1126120	27/07/2011	516704	7074779	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Excellent	No Tree Cover
1126121	27/07/2011	516686	7074826	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Excellent	No Tree Cover
1126122	27/07/2011	516661	7074869	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Excellent	No Tree Cover
1126123	27/07/2011	516640	7074917	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1126124	27/07/2011	516611	7074958	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1126125	27/07/2011	516577	7074997	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Excellent	No Tree Cover
1126126	27/07/2011	516550	7075039	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Excellent	No Tree Cover
1126127	27/07/2011	516524	7075081	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	C	30	Damp	Good	No Tree Cover
1126128	27/07/2011	516496	7075122	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Excellent	No Tree Cover
1126129	27/07/2011	516467	7075163	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1126130	27/07/2011	516438	7075204	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1126131	27/07/2011	516411	7075235	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Dry	Good	No Tree Cover
1126132	27/07/2011	516378	7075259	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Damp	Good	No Tree Cover
1126151	28/07/2011	517966	7070419	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1126152	28/07/2011	517950	7070466	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1126153	28/07/2011	517932	7070512	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1126154	28/07/2011	517910	7070560	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1126155	28/07/2011	517886	7070607	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	No Tree Cover
1126156	28/07/2011	517875	7070655	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1126157	28/07/2011	517851	7070700	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Poor	No Tree Cover
1126158	28/07/2011	517803	7070718	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Clay	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1126159	28/07/2011	517751	7070729	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	B	30	Damp	Poor	No Tree Cover
1126160	28/07/2011	517700	7070744	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Pronounced Slope	B	30	Damp	Poor	No Tree Cover
1126161	28/07/2011	517651	7070760	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1126162	28/07/2011	517607	7070776	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	C	10	Dry	Good	No Tree Cover
1126163	28/07/2011	517558	7070797	UTMZ7N_NAD83	Rock Cover	Light Brown	Sand	Pronounced Slope	B	5	Dry	Good	No Tree Cover
1126164	28/07/2011	517462	7070835	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	5	Damp	Good	No Tree Cover
1126165	28/07/2011	517418	7070852	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Pronounced Slope	C	40	Damp	Good	Willows
1126167	28/07/2011	517373	7070870	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Pronounced Slope	B	40	Damp	Poor	No Tree Cover
1126172	28/07/2011	516596	7070514	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	B	100	Wet	Good	Dwarf Birch

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1126173	28/07/2011	516604	7070563	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Pronounced Slope	B	30	Damp	Good	Dwarf Birch
1126174	28/07/2011	516619	7070611	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	70	Damp	Excellent	No Tree Cover
1126175	28/07/2011	516627	7070661	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Excellent	Dwarf Birch
1126176	28/07/2011	516639	7070710	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	70	Damp	Excellent	Dwarf Birch
1126177	28/07/2011	516649	7070760	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Pronounced Slope	B	40	Damp	Good	Dwarf Birch
1126178	28/07/2011	516653	7070811	UTMZ7N_NAD83	Rock Cover	Dark Brown	Silt	Pronounced Slope	B	60	Damp	Good	No Tree Cover
1126179	28/07/2011	516665	7070860	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	C	20	Dry	Good	No Tree Cover
1126180	28/07/2011	516682	7070959	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	C	50	Dry	Excellent	No Tree Cover
1126181	28/07/2011	516687	7071012	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Pronounced Slope	B	20	Dry	Good	No Tree Cover
1126182	28/07/2011	516696	7071061	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Dwarf Birch
1126183	28/07/2011	516708	7071111	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Dry	Good	No Tree Cover
1126184	28/07/2011	516728	7071158	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Pronounced Slope	C	70	Wet	Good	Dwarf Birch
1126185	28/07/2011	516746	7071205	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Dwarf Birch
1126186	28/07/2011	516766	7071252	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Damp	Good	Dwarf Birch
1126187	28/07/2011	516781	7071301	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Dwarf Birch
1126188	28/07/2011	516803	7071346	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1126189	28/07/2011	516819	7071399	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Excellent	Dwarf Birch
1126190	28/07/2011	516838	7071446	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Willows
1126191	28/07/2011	516862	7071491	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	Dwarf Birch
1126192	28/07/2011	516877	7071539	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Excellent	Willows
1126193	28/07/2011	516911	7071576	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	90	Wet	Excellent	No Tree Cover
1126194	28/07/2011	516954	7071606	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Excellent	No Tree Cover
1126195	28/07/2011	516990	7071643	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Wet	Good	Dwarf Birch
1126196	28/07/2011	517032	7071672	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Wet	Excellent	Dwarf Birch
1126197	28/07/2011	517076	7071696	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Excellent	Dwarf Birch
1126198	28/07/2011	517117	7071729	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Excellent	Dwarf Birch
1126199	28/07/2011	517158	7071756	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Excellent	Dwarf Birch
1126200	28/07/2011	517200	7071789	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Excellent	Dwarf Birch
1126203	28/07/2011	517242	7071822	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Dwarf Birch
1126207	30/07/2011	520780	7071308	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1126208	30/07/2011	520776	7071358	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1126209	30/07/2011	520786	7071411	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1126210	30/07/2011	520786	7071456	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Poor	No Tree Cover
1126211	30/07/2011	520781	7071509	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1126212	30/07/2011	520782	7071560	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1126213	30/07/2011	520786	7071611	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1126214	30/07/2011	520787	7071661	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1126215	30/07/2011	520782	7071709	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1126216	30/07/2011	520784	7071759	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1126217	30/07/2011	520785	7071811	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1126218	30/07/2011	520788	7071860	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Flat	C	40	Damp	Poor	No Tree Cover
1126219	30/07/2011	520781	7071912	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Damp	Good	No Tree Cover
1126220	30/07/2011	520829	7071956	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Flat	C	30	Damp	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1126221	30/07/2011	520865	7071991	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Damp	Good	No Tree Cover
1126222	30/07/2011	520895	7072031	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1126223	30/07/2011	520930	7072069	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1126224	30/07/2011	520966	7072100	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1126225	30/07/2011	521003	7072139	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1126226	30/07/2011	521032	7072175	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Flat	C	30	Damp	Good	No Tree Cover
1126227	30/07/2011	521069	7072210	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	No Tree Cover
1126228	30/07/2011	521103	7072249	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	30	Damp	Good	No Tree Cover
1126229	30/07/2011	521137	7072284	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Flat	C	40	Damp	Poor	No Tree Cover
1126230	31/07/2011	523933	7071397	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	No Tree Cover
1126231	31/07/2011	523990	7071423	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1126232	31/07/2011	524039	7071450	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Subtle Slope	B	80	Damp	Good	No Tree Cover
1126233	31/07/2011	524075	7071473	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1126234	31/07/2011	524123	7071497	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1126235	31/07/2011	524172	7071522	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	No Tree Cover
1126236	31/07/2011	524210	7071542	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Poor	No Tree Cover
1126249	31/07/2011	524608	7071757	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1126250	31/07/2011	524651	7071784	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1126251	29/07/2011	522459	7073881	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1126252	29/07/2011	522440	7073921	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1126253	29/07/2011	522408	7073957	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1126254	29/07/2011	522376	7074003	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Pronounced Slope	C	40	Damp	Good	No Tree Cover
1126255	29/07/2011	522352	7074045	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	40	Wet	Poor	No Tree Cover
1126256	29/07/2011	522310	7074084	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1126257	29/07/2011	522285	7074127	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	C	50	Wet	Poor	Old Burn
1126258	29/07/2011	522262	7074165	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	50	Wet	Poor	No Tree Cover
1126259	29/07/2011	522224	7074205	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1126260	29/07/2011	522195	7074248	UTMZ7N_NAD83	Thin Moss Cover	Bluish Grey	Sand	Subtle Slope	C	70	Wet	Good	No Tree Cover
1126261	29/07/2011	522172	7074286	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1126262	29/07/2011	522136	7074326	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Grey Black	Sand	Subtle Slope	C	40	Damp	Poor	No Tree Cover
1126263	29/07/2011	522115	7074365	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1126264	29/07/2011	522082	7074411	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1126265	29/07/2011	522053	7074450	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Poor	No Tree Cover
1126266	29/07/2011	522029	7074485	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1126267	29/07/2011	521992	7074514	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1126268	29/07/2011	521961	7074558	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	70	Damp	Good	No Tree Cover
1126269	29/07/2011	521927	7074586	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1126270	29/07/2011	521893	7074632	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	No Tree Cover
1126271	29/07/2011	521855	7074655	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1126272	29/07/2011	521823	7074698	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1126273	29/07/2011	521793	7074736	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	Dwarf Birch
1126274	29/07/2011	521752	7074764	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Dwarf Birch
1126276	29/07/2011	521722	7074810	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1126277	29/07/2011	521692	7074846	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Dwarf Birch
1126278	29/07/2011	521660	7074875	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Poor	Dwarf Birch
1126279	29/07/2011	521631	7074914	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Dwarf Birch
1126281	29/07/2011	521594	7074946	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	30	Damp	Good	Dwarf Birch
1126282	29/07/2011	521564	7074980	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Dwarf Birch
1126283	29/07/2011	521526	7075007	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Dwarf Birch
1126284	29/07/2011	521486	7075019	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1126285	31/07/2011	524957	7072056	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1126301	30/07/2011	517282	7071857	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1126302	30/07/2011	517327	7071882	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1126303	30/07/2011	517372	7071905	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	90	Damp	Good	Dwarf Birch
1126304	30/07/2011	517411	7071937	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	C	80	Damp	Good	Dwarf Birch
1126305	30/07/2011	517456	7071961	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1126306	30/07/2011	517492	7071987	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1126307	30/07/2011	517529	7072019	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1126308	30/07/2011	517559	7072058	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Dwarf Birch
1126309	30/07/2011	517562	7072108	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	110	Damp	Good	Dwarf Birch
1126310	30/07/2011	517584	7072159	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Dark Brown	Sand	Subtle Slope	C	70	Wet	Good	Dwarf Birch
1126311	30/07/2011	517606	7072199	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	90	Wet	Good	Dwarf Birch
1126312	30/07/2011	517624	7072246	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	70	Wet	Poor	Dwarf Birch
1126313	30/07/2011	517640	7072296	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	70	Damp	Poor	Dwarf Birch
1126314	30/07/2011	517655	7072339	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	Dwarf Birch
1126315	30/07/2011	517676	7072387	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	40	Damp	Poor	Dwarf Birch
1126316	30/07/2011	517695	7072431	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1126317	30/07/2011	517713	7072477	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1126318	30/07/2011	517737	7072521	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1126319	30/07/2011	517763	7072561	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1126320	30/07/2011	517789	7072605	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1126321	30/07/2011	517807	7072640	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1126322	30/07/2011	517826	7072689	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	70	Damp	Excellent	Dwarf Birch
1126323	30/07/2011	517862	7072724	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	40	Damp	Good	Black Spruce
1126324	30/07/2011	517880	7072766	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1126325	30/07/2011	517904	7072803	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Poor	Dwarf Birch
1126326	30/07/2011	517933	7072840	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Dwarf Birch
1126327	30/07/2011	517954	7072887	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	30	Damp	Good	Dwarf Birch
1126328	30/07/2011	517987	7072930	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Poor	Dwarf Birch
1126329	30/07/2011	518008	7072967	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Dwarf Birch
1126330	30/07/2011	518028	7073012	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1126331	30/07/2011	518063	7073048	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1126332	30/07/2011	518089	7073089	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	30	Damp	Poor	Dwarf Birch
1126333	30/07/2011	518135	7073109	UTMZ7N_NAD83	Thin Moss Cover	Dark Grey Black	Silt	Subtle Slope	C	40	Damp	Poor	Dwarf Birch
1126334	30/07/2011	518157	7073154	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Birch Forest
1126336	30/07/2011	519923	7069721	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1126337	30/07/2011	519946	7069764	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1126338	30/07/2011	519970	7069807	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1126339	30/07/2011	519988	7069853	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1126340	30/07/2011	520015	7069897	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Good	No Tree Cover
1126341	30/07/2011	520033	7069943	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1126342	30/07/2011	520050	7069989	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1126343	30/07/2011	520056	7070040	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1126344	30/07/2011	520062	7070090	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1126345	30/07/2011	520074	7070141	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1126346	30/07/2011	520081	7070190	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1126347	30/07/2011	520091	7070240	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1126348	30/07/2011	520091	7070289	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1126349	30/07/2011	520099	7070339	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1126350	30/07/2011	520106	7070389	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1127001	30/07/2011	521195	7072404	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	No Tree Cover
1127002	30/07/2011	521186	7072454	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Wet	Poor	No Tree Cover
1127003	30/07/2011	521175	7072503	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Pronounced Slope	C	30	Damp	Poor	No Tree Cover
1127004	30/07/2011	521167	7072552	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Pronounced Slope	C	40	Wet	Poor	No Tree Cover
1127005	30/07/2011	521150	7072603	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	No Tree Cover
1127006	30/07/2011	521143	7072654	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1127007	30/07/2011	521131	7072703	UTMZ7N_NAD83	Thin Moss Cover	Dark Grey Black	Sand	Subtle Slope	B	5	Damp	Poor	No Tree Cover
1127008	30/07/2011	521115	7072753	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	10	Damp	Excellent	No Tree Cover
1127009	30/07/2011	521105	7072802	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	10	Damp	Good	No Tree Cover
1127010	30/07/2011	521097	7072852	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	10	Dry	Excellent	No Tree Cover
1127011	30/07/2011	521088	7072903	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1127012	30/07/2011	521081	7072955	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Pronounced Slope	C	40	Damp	Good	No Tree Cover
1127013	30/07/2011	521074	7073004	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Pronounced Slope	C	30	Damp	Poor	No Tree Cover
1127014	30/07/2011	521067	7073055	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Pronounced Slope	C	10	Damp	Good	No Tree Cover
1127015	30/07/2011	521061	7073105	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1127016	30/07/2011	521054	7073156	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Pronounced Slope	C	5	Damp	Poor	No Tree Cover
1127017	30/07/2011	521049	7073209	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	10	Damp	Poor	No Tree Cover
1127018	30/07/2011	521042	7073257	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Pronounced Slope	C	10	Dry	Good	No Tree Cover
1127019	30/07/2011	521035	7073309	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	10	Damp	Poor	No Tree Cover
1127020	30/07/2011	521028	7073360	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Pronounced Slope	C	30	Damp	Poor	No Tree Cover
1127021	30/07/2011	521021	7073413	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	10	Damp	Good	No Tree Cover
1127022	30/07/2011	521010	7073464	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	B	10	Damp	Good	No Tree Cover
1127023	30/07/2011	520989	7073512	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	30	Wet	Poor	No Tree Cover
1127024	30/07/2011	520963	7073559	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Subtle Slope	B	50	Damp	Good	No Tree Cover
1127025	30/07/2011	520936	7073603	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Subtle Slope	B	30	Damp	Good	No Tree Cover
1127026	30/07/2011	520912	7073649	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1127027	30/07/2011	520886	7073693	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	C	40	Damp	Poor	No Tree Cover
1127028	30/07/2011	520860	7073737	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Poor	No Tree Cover
1127029	30/07/2011	520835	7073781	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	40	Damp	Poor	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1127030	30/07/2011	520813	7073827	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1127031	30/07/2011	520788	7073868	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	20	Dry	Good	No Tree Cover
1127032	31/07/2011	527610	7071058	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Clay	Flat	C	50	Damp	Good	No Tree Cover
1127033	30/07/2011	520631	7071949	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1127034	30/07/2011	520581	7071965	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1127035	30/07/2011	520533	7071982	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	80	Dry	Excellent	No Tree Cover
1127036	30/07/2011	520484	7071995	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1127037	30/07/2011	520438	7072017	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1127038	30/07/2011	520390	7072034	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1127039	30/07/2011	520341	7072049	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Excellent	No Tree Cover
1127040	30/07/2011	520294	7072069	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1127041	30/07/2011	520245	7072084	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1127042	30/07/2011	520195	7072097	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1127043	30/07/2011	520149	7072121	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1127044	30/07/2011	520102	7072142	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1127045	30/07/2011	520054	7072161	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1127046	30/07/2011	520006	7072178	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1127047	30/07/2011	519961	7072201	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	70	Dry	Excellent	No Tree Cover
1127048	30/07/2011	519914	7072225	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1127049	30/07/2011	519874	7072258	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Subtle Slope	B	40	Damp	Good	No Tree Cover
1127050	30/07/2011	519830	7072286	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Excellent	No Tree Cover
1127051	30/07/2011	519786	7072313	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	30	Damp	Good	No Tree Cover
1127052	30/07/2011	519742	7072339	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	No Tree Cover
1127053	30/07/2011	519697	7072366	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1127054	30/07/2011	519656	7072397	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1127055	30/07/2011	519614	7072425	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1127056	30/07/2011	519568	7072447	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1127057	30/07/2011	519525	7072478	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	No Tree Cover
1127058	31/07/2011	527635	7071100	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Old Burn
1127059	31/07/2011	527669	7071142	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1127060	31/07/2011	527703	7071178	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1127061	31/07/2011	527735	7071218	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1127062	31/07/2011	527769	7071256	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1127063	31/07/2011	527799	7071297	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1127064	31/07/2011	527831	7071336	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	No Tree Cover
1127065	31/07/2011	527868	7071371	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1127066	31/07/2011	527901	7071410	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Damp	Poor	No Tree Cover
1127067	31/07/2011	527931	7071451	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	No Tree Cover
1127068	31/07/2011	527956	7071495	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1127069	31/07/2011	527978	7071541	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1127070	31/07/2011	528005	7071585	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1127071	31/07/2011	528031	7071628	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1127072	31/07/2011	528059	7071672	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1127073	31/07/2011	528084	7071716	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	No Tree Cover
1127074	31/07/2011	528110	7071762	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	50	Damp	Good	No Tree Cover
1127075	31/07/2011	528136	7071807	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	No Tree Cover
1127076	31/07/2011	528161	7071850	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1127077	31/07/2011	528187	7071894	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	Old Burn
1127078	31/07/2011	528219	7071934	UTMZ7N_NAD83	Thin Moss Cover	Grey	Clay	Subtle Slope	C	50	Dry	Excellent	Dwarf Birch
1127079	31/07/2011	528240	7071981	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Excellent	Dwarf Birch
1127080	31/07/2011	528272	7072021	UTMZ7N_NAD83	Thin Moss Cover	Grey	Clay	Subtle Slope	C	50	Wet	Good	Dwarf Birch
1127081	31/07/2011	528300	7072064	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Good	Dwarf Birch
1127082	31/07/2011	528325	7072109	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Good	Dwarf Birch
1127083	31/07/2011	528353	7072153	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	80	Damp	Excellent	Dwarf Birch
1127084	31/07/2011	528381	7072196	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Excellent	Old Burn
1127085	31/07/2011	528410	7072238	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Dwarf Birch
1127086	31/07/2011	528434	7072284	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Dwarf Birch
1127087	31/07/2011	528464	7072326	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Excellent	Dwarf Birch
1127089	31/07/2011	528492	7072368	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Excellent	Dwarf Birch
1127093	31/07/2011	527410	7070997	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	No Tree Cover
1127094	31/07/2011	527361	7070980	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Good	No Tree Cover
1127096	31/07/2011	527311	7070966	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	No Tree Cover
1127097	31/07/2011	527263	7070951	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Poor	No Tree Cover
1127098	31/07/2011	527213	7070936	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1127099	31/07/2011	527165	7070919	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	No Tree Cover
1127100	31/07/2011	527115	7070907	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Flat	C	20	Damp	Poor	No Tree Cover
1127101	31/07/2011	527064	7070899	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Clay	Flat	C	40	Damp	Good	No Tree Cover
1127102	31/07/2011	527012	7070892	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Clay	Flat	C	20	Damp	Good	No Tree Cover
1127103	31/07/2011	526962	7070881	UTMZ7N_NAD83	Thin Moss Cover	Reddish Yellow	Clay	Flat	C	40	Damp	Good	No Tree Cover
1127105	31/07/2011	526909	7070873	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	50	Damp	Poor	No Tree Cover
1127106	31/07/2011	526859	7070863	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Clay	Subtle Slope	C	40	Wet	Poor	No Tree Cover
1127107	31/07/2011	526808	7070857	UTMZ7N_NAD83	Grass Cover	Bluish Grey	Clay	Flat	C	20	Damp	Poor	No Tree Cover
1127108	31/07/2011	526759	7070844	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	No Tree Cover
1127109	31/07/2011	526709	7070833	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	No Tree Cover
1127110	31/07/2011	526659	7070834	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	No Tree Cover
1127111	31/07/2011	526609	7070835	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	C	20	Damp	Poor	No Tree Cover
1127112	31/07/2011	526556	7070833	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	C	20	Damp	Poor	No Tree Cover
1127113	31/07/2011	526503	7070838	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Subtle Slope	B	20	Damp	Good	No Tree Cover
1127114	31/07/2011	526452	7070839	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Damp	Good	No Tree Cover
1127501	25/07/2011	517840	7079054	UTMZ7N_NAD83	Burnt Moss	Grey	Sand	Subtle Slope	C	50	Damp	Excellent	Old Burn
1127502	25/07/2011	517874	7079092	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Poor	Old Burn
1127503	25/07/2011	517906	7079129	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1127504	25/07/2011	517937	7079168	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	Old Burn
1127505	25/07/2011	517970	7079204	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1127506	25/07/2011	518002	7079241	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1127507	25/07/2011	518039	7079277	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1127508	25/07/2011	518070	7079316	UTMZ7N_NAD83	Burnt Moss	Dark Olivine Green	Sand	Subtle Slope	C	50	Damp	Excellent	Old Burn
1127509	25/07/2011	518104	7079350	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Poor	Old Burn
1127510	25/07/2011	518152	7079368	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1127511	25/07/2011	518201	7079373	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1127512	25/07/2011	518251	7079372	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1127513	25/07/2011	518300	7079375	UTMZ7N_NAD83	Grass Cover	Grey	Sand	Subtle Slope	C	50	Damp	Excellent	Old Burn
1127514	25/07/2011	518348	7079375	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn
1127515	25/07/2011	518399	7079375	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1127516	25/07/2011	518449	7079378	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1127517	25/07/2011	518499	7079383	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1127518	25/07/2011	518548	7079380	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Poor	Old Burn
1127519	25/07/2011	518598	7079380	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	A	30	Damp	Poor	Old Burn
1127520	25/07/2011	518649	7079382	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1127521	25/07/2011	518699	7079383	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Old Burn
1127522	25/07/2011	518748	7079386	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	Old Burn
1127523	25/07/2011	518797	7079389	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	Old Burn
1127524	25/07/2011	518848	7079393	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Pronounced Slope	A	30	Damp	Poor	Old Burn
1127525	25/07/2011	518897	7079398	UTMZ7N_NAD83	Grass Cover	Light Brown	Clay	Subtle Slope	C	50	Damp	Good	Old Burn
1127526	25/07/2011	518947	7079401	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Clay	Pronounced Slope	C	50	Damp	Excellent	Old Burn
1127527	25/07/2011	518995	7079405	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Pronounced Slope	C	90	Damp	Excellent	Old Burn
1127528	25/07/2011	519044	7079409	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	50	Wet	Good	Old Burn
1127529	25/07/2011	519095	7079413	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Clay	Subtle Slope	C	80	Damp	Excellent	Old Burn
1127531	25/07/2011	519140	7079415	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	70	Damp	Excellent	Old Burn
1127532	25/07/2011	519189	7079421	UTMZ7N_NAD83	Burnt Moss	Reddish Yellow	Sand	Subtle Slope	C	70	Damp	Excellent	Old Burn
1127533	25/07/2011	519241	7079416	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Clay	Subtle Slope	C	80	Wet	Excellent	Old Burn
1127534	25/07/2011	519290	7079415	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	C	70	Wet	Excellent	Old Burn
1127551	28/07/2011	516599	7070462	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	100	Damp	Poor	No Tree Cover
1127552	28/07/2011	516593	7070412	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	80	Wet	Good	No Tree Cover
1127553	28/07/2011	516588	7070362	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	70	Damp	Good	No Tree Cover
1127554	28/07/2011	516589	7070312	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1127555	28/07/2011	516579	7070261	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Pronounced Slope	B	40	Damp	Poor	No Tree Cover
1127556	28/07/2011	516575	7070214	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	No Tree Cover
1127557	28/07/2011	516571	7070163	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Pronounced Slope	C	30	Damp	Poor	No Tree Cover
1127558	28/07/2011	516569	7070113	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	No Tree Cover
1127559	28/07/2011	516563	7070067	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	No Tree Cover
1127560	28/07/2011	516577	7070018	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	50	Damp	Good	No Tree Cover
1127561	28/07/2011	516602	7069972	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1127562	28/07/2011	516627	7069928	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Poor	No Tree Cover
1127563	28/07/2011	516674	7069908	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1127564	28/07/2011	516724	7069905	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Pronounced Slope	C	60	Damp	Good	No Tree Cover
1127565	28/07/2011	516771	7069926	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Pronounced Slope	C	50	Damp	Good	No Tree Cover
1127566	28/07/2011	516840	7069983	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	No Tree Cover
1127567	28/07/2011	516877	7070025	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1127568	28/07/2011	516916	7070049	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Pronounced Slope	B	50	Damp	Poor	No Tree Cover
1127569	28/07/2011	516966	7070070	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	No Tree Cover
1127570	28/07/2011	517003	7070102	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	No Tree Cover
1127571	28/07/2011	517019	7070155	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Flat	B	30	Damp	Poor	No Tree Cover
1127572	28/07/2011	517046	7070196	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	No Tree Cover
1127573	28/07/2011	517067	7070244	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1127574	28/07/2011	517086	7070289	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Flat	B	30	Damp	Poor	No Tree Cover
1127575	28/07/2011	517099	7070338	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1127576	28/07/2011	517119	7070385	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Clay	Subtle Slope	B	80	Damp	Good	No Tree Cover
1127577	30/07/2011	520137	7070428	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1127589	30/07/2011	520619	7070782	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1127590	30/07/2011	520652	7070820	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1127591	30/07/2011	520682	7070860	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1127592	30/07/2011	520710	7070901	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1127594	30/07/2011	520740	7070941	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1127601	28/07/2011	511447	7072657	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Poor	No Tree Cover
1127602	28/07/2011	511397	7072648	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Poor	No Tree Cover
1127603	28/07/2011	511347	7072650	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Pronounced Slope	C	100	Damp	Excellent	No Tree Cover
1127604	28/07/2011	511298	7072641	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	A	30	Damp	Poor	No Tree Cover
1127605	28/07/2011	511248	7072637	UTMZ7N_NAD83	Grass Cover	Dark Olivine Green	Sand	Pronounced Slope	C	70	Damp	Good	No Tree Cover
1127606	28/07/2011	511198	7072634	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Poor	No Tree Cover
1127607	28/07/2011	511147	7072627	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Wet	Good	No Tree Cover
1127608	28/07/2011	511097	7072624	UTMZ7N_NAD83	Grass Cover	Bluish Grey	Clay	Subtle Slope	A	30	Wet	Poor	No Tree Cover
1127609	28/07/2011	511047	7072618	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Wet	Good	No Tree Cover
1127610	28/07/2011	510998	7072616	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Wet	Good	No Tree Cover
1127611	28/07/2011	510949	7072610	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1127612	28/07/2011	510897	7072607	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1127613	28/07/2011	510845	7072611	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1127614	28/07/2011	510795	7072608	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1127615	28/07/2011	510745	7072603	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1127616	28/07/2011	510698	7072612	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	No Tree Cover
1127617	28/07/2011	510649	7072611	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1127618	28/07/2011	510597	7072615	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1127619	28/07/2011	510496	7072612	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1127620	28/07/2011	510445	7072613	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1127621	28/07/2011	510395	7072615	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1127622	28/07/2011	510344	7072615	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1127623	28/07/2011	510294	7072609	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Steep	B	50	Damp	Good	No Tree Cover
1127624	28/07/2011	510245	7072600	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	70	Wet	Good	No Tree Cover
1127625	28/07/2011	510194	7072594	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1127626	28/07/2011	510144	7072587	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1127627	28/07/2011	510093	7072583	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1127628	28/07/2011	510043	7072575	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Poor	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1127629	28/07/2011	509993	7072571	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1127630	28/07/2011	509944	7072563	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	A	30	Damp	Poor	No Tree Cover
1127631	28/07/2011	509893	7072555	UTMZ7N_NAD83	Grass Cover	Reddish Yellow	Sand	Pronounced Slope	A	30	Wet	Poor	No Tree Cover
1127637	28/07/2011	518095	7069726	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1127638	28/07/2011	518090	7069778	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1127639	28/07/2011	518084	7069828	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1127640	28/07/2011	518072	7069876	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1127641	28/07/2011	518069	7069927	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	40	Damp	Good	No Tree Cover
1127642	28/07/2011	518078	7069977	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1127643	28/07/2011	518069	7070028	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1127644	28/07/2011	518059	7070077	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1127645	28/07/2011	518045	7070129	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1127646	28/07/2011	518036	7070177	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1127647	28/07/2011	518035	7070226	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Dry	Poor	No Tree Cover
1127648	28/07/2011	518011	7070270	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1127649	28/07/2011	517994	7070321	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	70	Damp	Good	No Tree Cover
1127650	28/07/2011	517976	7070368	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1127651	30/07/2011	518658	7071105	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	B	40	Damp	Good	No Tree Cover
1127652	30/07/2011	518644	7071154	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	30	Dry	Good	No Tree Cover
1127653	30/07/2011	518635	7071202	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1127654	30/07/2011	518630	7071254	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	40	Dry	Good	No Tree Cover
1127655	30/07/2011	518615	7071302	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	B	30	Damp	Good	No Tree Cover
1127656	30/07/2011	518601	7071350	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	B	40	Damp	Good	No Tree Cover
1127657	30/07/2011	518582	7071397	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	No Tree Cover
1127658	30/07/2011	518560	7071443	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Flat	B	40	Damp	Good	No Tree Cover
1127659	30/07/2011	518547	7071492	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	No Tree Cover
1127660	30/07/2011	518533	7071541	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Damp	Good	No Tree Cover
1127661	30/07/2011	518520	7071589	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	20	Damp	Good	No Tree Cover
1127662	30/07/2011	518500	7071635	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1127663	30/07/2011	518487	7071686	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1127664	30/07/2011	518476	7071734	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1127665	30/07/2011	518466	7071784	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1127666	30/07/2011	518466	7071834	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1127667	30/07/2011	518472	7071885	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1127668	30/07/2011	518476	7071936	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1127669	30/07/2011	518476	7071986	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1127670	30/07/2011	518480	7072037	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1127671	30/07/2011	518495	7072087	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	20	Damp	Good	No Tree Cover
1127672	30/07/2011	518503	7072137	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	20	Dry	Good	No Tree Cover
1127673	30/07/2011	518506	7072188	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1127674	30/07/2011	518507	7072240	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Subtle Slope	B	40	Damp	Good	No Tree Cover
1127675	30/07/2011	518500	7072291	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Dry	Good	Dwarf Birch
1127676	30/07/2011	518503	7072343	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1127677	30/07/2011	518503	7072394	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Dwarf Birch
1127678	30/07/2011	518524	7072440	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	30	Damp	Poor	Dwarf Birch
1127679	30/07/2011	518526	7072491	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	50	Dry	Good	Dwarf Birch
1127680	30/07/2011	518522	7072543	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Dwarf Birch
1127681	30/07/2011	518533	7072590	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Dwarf Birch
1127683	30/07/2011	518530	7072640	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	70	Wet	Good	Subalpine Fir
1127701	29/07/2011	521173	7072313	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	60	Wet	Good	No Tree Cover
1127702	29/07/2011	521214	7072344	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	C	60	Damp	Excellent	No Tree Cover
1127703	29/07/2011	521255	7072376	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Excellent	No Tree Cover
1127704	29/07/2011	521297	7072410	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Flat	C	70	Dry	Excellent	No Tree Cover
1127705	29/07/2011	521337	7072445	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1127706	29/07/2011	521382	7072470	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	No Tree Cover
1127707	29/07/2011	521425	7072503	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1127708	29/07/2011	521467	7072525	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	No Tree Cover
1127709	29/07/2011	521505	7072559	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	No Tree Cover
1127710	29/07/2011	521545	7072588	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	No Tree Cover
1127711	29/07/2011	521586	7072617	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	No Tree Cover
1127712	29/07/2011	521626	7072646	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Excellent	No Tree Cover
1127713	29/07/2011	521665	7072681	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Dry	Good	No Tree Cover
1127714	29/07/2011	521704	7072711	UTMZ7N_NAD83	Rock Cover	Dark Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1127715	29/07/2011	521753	7072735	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	No Tree Cover
1127716	29/07/2011	521787	7072757	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1127717	29/07/2011	521816	7072781	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1127718	29/07/2011	521849	7072825	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1127719	29/07/2011	521887	7072870	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	No Tree Cover
1127720	29/07/2011	521921	7072895	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1127721	29/07/2011	521955	7072927	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	No Tree Cover
1127722	29/07/2011	521991	7072966	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	No Tree Cover
1127723	29/07/2011	522027	7073003	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1127724	29/07/2011	522065	7073035	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Excellent	No Tree Cover
1127725	29/07/2011	522092	7073078	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Wet	Excellent	No Tree Cover
1127726	29/07/2011	522135	7073107	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	No Tree Cover
1127727	29/07/2011	522170	7073142	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1127728	29/07/2011	522203	7073180	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Wet	Excellent	No Tree Cover
1127729	29/07/2011	522238	7073215	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Flat	C	50	Damp	Excellent	No Tree Cover
1127730	29/07/2011	522275	7073251	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Flat	C	40	Damp	Excellent	No Tree Cover
1127731	29/07/2011	522308	7073287	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Flat	C	50	Damp	Excellent	No Tree Cover
1127732	29/07/2011	522349	7073318	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Flat	C	60	Damp	Excellent	No Tree Cover
1127751	29/07/2011	522644	7073915	UTMZ7N_NAD83	Grass Cover	Dark Blue Black	Sand	Subtle Slope	A	30	Damp	Poor	No Tree Cover
1127752	29/07/2011	522672	7073957	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Wet	Good	No Tree Cover
1127753	29/07/2011	522704	7073996	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Subtle Slope	B	40	Wet	Good	No Tree Cover
1127754	29/07/2011	522741	7074030	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	70	Damp	Good	No Tree Cover
1127755	29/07/2011	522765	7074074	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1127756	29/07/2011	522798	7074117	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1127757	29/07/2011	522831	7074151	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Subtle Slope	C	80	Damp	Excellent	No Tree Cover
1127758	29/07/2011	522863	7074192	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1127759	29/07/2011	522891	7074230	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Sand	Subtle Slope	B	50	Damp	Good	No Tree Cover
1127760	29/07/2011	522922	7074269	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	No Tree Cover
1127761	29/07/2011	522951	7074309	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Pronounced Slope	B	40	Damp	Good	No Tree Cover
1127762	29/07/2011	522981	7074350	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	No Tree Cover
1127763	29/07/2011	523010	7074389	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Dry	Poor	No Tree Cover
1127764	29/07/2011	523043	7074427	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Excellent	No Tree Cover
1127765	29/07/2011	523074	7074471	UTMZ7N_NAD83	Bare Soil	Dark Grey Black	Sand	Pronounced Slope	B	50	Damp	Good	No Tree Cover
1127766	29/07/2011	523119	7074491	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1127767	29/07/2011	523164	7074520	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1127768	29/07/2011	523208	7074538	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1127769	29/07/2011	523250	7074565	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	No Tree Cover
1127770	29/07/2011	523291	7074593	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1127771	29/07/2011	523335	7074617	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1127772	29/07/2011	523382	7074642	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1127773	29/07/2011	523425	7074668	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	40	Damp	Good	Dwarf Birch
1127774	29/07/2011	523469	7074690	UTMZ7N_NAD83	Grass Cover	Light Brown	Sand	Flat	B	40	Dry	Good	No Tree Cover
1127775	29/07/2011	523504	7074717	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	C	40	Damp	Good	Dwarf Birch
1127776	29/07/2011	523554	7074736	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Flat	B	40	Damp	Good	Willows
1127777	29/07/2011	523600	7074764	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1127778	29/07/2011	523640	7074791	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Olivine Green	Sand	Subtle Slope	C	70	Damp	Excellent	Dwarf Birch
1127779	29/07/2011	523687	7074811	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	B	50	Damp	Good	Dwarf Birch
1127780	29/07/2011	523728	7074836	UTMZ7N_NAD83						0			
1127781	29/07/2011	523772	7074863	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1127782	29/07/2011	523827	7074884	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1127783	05/08/2011	525106	7070142	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1127784	05/08/2011	525155	7070146	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1127785	05/08/2011	525206	7070150	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	Old Burn
1127786	05/08/2011	525310	7070156	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1127787	05/08/2011	525357	7070154	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1127788	05/08/2011	525407	7070160	UTMZ7N_NAD83	Leaf Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Good	Old Burn
1127789	05/08/2011	525456	7070169	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1127790	05/08/2011	525506	7070174	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Dry	Good	Old Burn
1127791	05/08/2011	525557	7070180	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	Old Burn
1127792	05/08/2011	525006	7070138	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1127801	31/07/2011	521876	7071835	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	40	Wet	Good	No Tree Cover
1127802	31/07/2011	521870	7071785	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1127803	31/07/2011	521863	7071734	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	60	Damp	Good	No Tree Cover
1127804	31/07/2011	521861	7071684	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Dry	Good	Old Burn
1127805	31/07/2011	521857	7071634	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Silt	Subtle Slope	B	40	Damp	Good	No Tree Cover
1127806	31/07/2011	521851	7071585	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Subtle Slope	B	50	Damp	Poor	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1127807	31/07/2011	521850	7071534	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	40	Dry	Good	No Tree Cover
1127808	31/07/2011	521875	7071489	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Clay	Subtle Slope	B	30	Damp	Poor	No Tree Cover
1127809	31/07/2011	521879	7071439	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Poor	No Tree Cover
1127810	31/07/2011	521895	7071393	UTMZ7N_NAD83	Thin Moss Cover	Dark Grey Black	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1127811	31/07/2011	521903	7071343	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Clay	Subtle Slope	B	40	Dry	Good	No Tree Cover
1127812	31/07/2011	521922	7071300	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1127813	31/07/2011	521948	7071258	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1127814	31/07/2011	521973	7071213	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1127815	31/07/2011	522005	7071175	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1127816	31/07/2011	522057	7071169	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1127817	31/07/2011	522107	7071159	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1127818	31/07/2011	522157	7071152	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Silt	Subtle Slope	B	50	Wet	Good	Willows
1127819	31/07/2011	522204	7071153	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Clay	Subtle Slope	B	40	Dry	Good	Willows
1127820	31/07/2011	522254	7071149	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1127821	31/07/2011	522305	7071148	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1127822	31/07/2011	522352	7071165	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1127823	31/07/2011	522400	7071182	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	B	20	Dry	Good	No Tree Cover
1127824	31/07/2011	522447	7071200	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Poor	Willows
1127825	31/07/2011	522494	7071216	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	20	Damp	Poor	No Tree Cover
1127826	31/07/2011	522539	7071239	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1127827	31/07/2011	522580	7071270	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Willows
1127828	31/07/2011	522621	7071302	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1127829	31/07/2011	522653	7071343	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1127855	31/07/2011	525623	7072611	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Dry	Excellent	No Tree Cover
1127856	31/07/2011	525670	7072624	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Excellent	No Tree Cover
1127857	31/07/2011	525717	7072641	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Pronounced Slope	C	70	Damp	Excellent	No Tree Cover
1127858	31/07/2011	525763	7072662	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1127859	31/07/2011	525809	7072680	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	60	Wet	Excellent	No Tree Cover
1127860	31/07/2011	525858	7072696	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	C	70	Wet	Excellent	No Tree Cover
1127861	31/07/2011	525905	7072712	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	No Tree Cover
1127862	31/07/2011	525953	7072730	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1127863	31/07/2011	525999	7072745	UTMZ7N_NAD83	Grass Cover	Grey	Sand	Subtle Slope	C	60	Dry	Excellent	No Tree Cover
1127864	31/07/2011	526048	7072769	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	No Tree Cover
1127865	31/07/2011	526092	7072775	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Willows
1127866	31/07/2011	526141	7072786	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Excellent	Willows
1127867	31/07/2011	526189	7072797	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1127868	31/07/2011	526239	7072807	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Dwarf Birch
1127869	31/07/2011	526288	7072818	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Excellent	Old Burn
1127870	31/07/2011	526337	7072830	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1127871	31/07/2011	526391	7072836	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Excellent	Old Burn
1127872	31/07/2011	526442	7072846	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Excellent	Old Burn
1127873	31/07/2011	526493	7072859	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Dry	Excellent	Old Burn
1127874	31/07/2011	526543	7072862	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Excellent	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1127875	31/07/2011	526593	7072877	UTMZ7N_NAD83	Grass Cover	Reddish Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Old Burn
1127876	31/07/2011	526644	7072885	UTMZ7N_NAD83	Grass Cover	Dark Brown	Sand	Subtle Slope	B	20	Dry	Good	Old Burn
1127877	31/07/2011	526694	7072895	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn
1127878	31/07/2011	526745	7072909	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1127879	31/07/2011	526794	7072925	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn
1127880	31/07/2011	526843	7072943	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Old Burn
1127881	31/07/2011	526894	7072957	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Old Burn
1127901	31/07/2011	522921	7071581	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1127902	31/07/2011	522949	7071624	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	C	50	Dry	Good	No Tree Cover
1127903	31/07/2011	522991	7071654	UTMZ7N_NAD83	Thin Moss Cover	Grey	Silt	Subtle Slope	C	60	Damp	Good	No Tree Cover
1127904	31/07/2011	523027	7071686	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1127905	31/07/2011	523067	7071725	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	C	80	Damp	Good	No Tree Cover
1127906	31/07/2011	523103	7071751	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1127907	31/07/2011	523140	7071789	UTMZ7N_NAD83	Thin Moss Cover	Grey	Silt	Subtle Slope	C	40	Dry	Good	No Tree Cover
1127908	31/07/2011	523176	7071821	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1127909	31/07/2011	523219	7071851	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	No Tree Cover
1127910	31/07/2011	523251	7071889	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Dry	Good	No Tree Cover
1127911	31/07/2011	523292	7071924	UTMZ7N_NAD83	Thin Moss Cover	Dark Blue Black	Silt	Subtle Slope	C	70	Damp	Good	No Tree Cover
1127912	31/07/2011	523327	7071959	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1127913	31/07/2011	523398	7072027	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1127914	31/07/2011	523439	7072056	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	B	30	Damp	Good	No Tree Cover
1127915	31/07/2011	523473	7072094	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	C	70	Damp	Good	No Tree Cover
1127916	31/07/2011	523516	7072120	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	C	40	Damp	Good	No Tree Cover
1127917	31/07/2011	523555	7072154	UTMZ7N_NAD83	Thin Moss Cover	Grey	Sand	Subtle Slope	C	70	Damp	Good	No Tree Cover
1127918	31/07/2011	523591	7072189	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	No Tree Cover
1127919	31/07/2011	523633	7072219	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	70	Dry	Good	No Tree Cover
1127920	31/07/2011	523671	7072254	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1127921	31/07/2011	523706	7072288	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Silt	Subtle Slope	C	50	Damp	Good	No Tree Cover
1127922	31/07/2011	523742	7072320	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Dry	Good	No Tree Cover
1127923	31/07/2011	523781	7072356	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1127924	31/07/2011	523815	7072386	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	No Tree Cover
1127925	31/07/2011	523856	7072419	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Grey	Silt	Subtle Slope	B	50	Damp	Good	No Tree Cover
1127926	31/07/2011	523888	7072453	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	No Tree Cover
1155951	20/07/2011	507484	7067265	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Willows
1155952	20/07/2011	507533	7067263	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	70	Damp	Good	Old Burn
1155953	20/07/2011	507583	7067261	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1155954	20/07/2011	507633	7067261	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	C	40	Damp	Good	Old Burn
1155955	20/07/2011	507682	7067257	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Willows
1155956	20/07/2011	507707	7067295	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	B	30	Damp	Good	Old Burn
1155957	20/07/2011	507743	7067330	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1155958	20/07/2011	507779	7067366	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Willows
1155959	20/07/2011	507812	7067403	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Willows
1155960	20/07/2011	507845	7067440	UTMZ7N_NAD83	Sphagnum Moss > 30cm	Greyish Green	Sand	Subtle Slope	B	40	Dry	Good	Old Burn

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1155961	20/07/2011	507881	7067475	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Excellent	Old Burn
1155962	20/07/2011	507915	7067514	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn
1155963	20/07/2011	507952	7067549	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	Willows
1155964	20/07/2011	507987	7067582	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	Old Burn
1155965	20/07/2011	508019	7067622	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Clay	Subtle Slope	B	30	Damp	Good	Old Burn
1155966	20/07/2011	508055	7067657	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1155967	20/07/2011	508092	7067690	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1155968	20/07/2011	508129	7067723	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Willows
1155969	20/07/2011	508166	7067757	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	40	Dry	Good	Old Burn
1155970	20/07/2011	508205	7067788	UTMZ7N_NAD83	Burnt Moss	Light Grey	Sand	Subtle Slope	C	60	Damp	Excellent	Old Burn
1155972	20/07/2011	508243	7067821	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1155973	20/07/2011	508279	7067854	UTMZ7N_NAD83	Burnt Moss	Reddish Brown	Sand	Subtle Slope	B	50	Damp	Good	Old Burn
1155974	20/07/2011	508317	7067888	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1155975	20/07/2011	508355	7067921	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	30	Damp	Good	Old Burn
1155976	20/07/2011	508392	7067954	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	B	50	Damp	Good	Old Burn
1155977	20/07/2011	508425	7067992	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Old Burn
1155978	20/07/2011	508460	7068028	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1155979	20/07/2011	508494	7068065	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Flat	C	50	Damp	Good	Old Burn
1155980	20/07/2011	508528	7068102	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1155981	20/07/2011	508563	7068136	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1155982	20/07/2011	508596	7068174	UTMZ7N_NAD83	Burnt Moss	Chocolate Brown	Sand	Subtle Slope	C	60	Damp	Good	Old Burn
1155983	20/07/2011	508630	7068210	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	60	Damp	Excellent	Old Burn
1155985	20/07/2011	508665	7068247	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	Old Burn
1197686	27/06/2011	520221	7066887	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Dark Brown	Silt	Pronounced Slope	B	40	Damp	Good	Dwarf Birch
1197687	27/06/2011	519935	7067403	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Subtle Slope	C	90	Wet	Good	No Tree Cover
1197688	27/06/2011	519885	7067398	UTMZ7N_NAD83	Thin Moss Cover	Light Brown	Sand	Flat	C	60	Damp	Good	No Tree Cover
1197689	27/06/2011	519849	7067359	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Flat	C	70	Wet	Good	No Tree Cover
1197690	27/06/2011	519831	7067311	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Clay	Subtle Slope	B	110	Wet	Good	No Tree Cover
1197691	27/06/2011	519821	7067264	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Silt	Subtle Slope	B	30	Damp	Poor	No Tree Cover
1197351	28/06/2011	523850	7074901	UTMZ7N_NAD83	Grass Cover	Dark Brown	Silt	Subtle Slope	B	40	Damp	Good	Dwarf Birch
1197352	28/06/2011	523901	7074900	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Good	No Tree Cover
1197353	28/06/2011	523948	7074917	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Good	Old Burn
1197354	28/06/2011	523999	7074911	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	Old Burn
1197355	28/06/2011	524049	7074906	UTMZ7N_NAD83	Grass Cover	Chocolate Brown	Sand	Subtle Slope	C	30	Damp	Excellent	Old Burn
1197356	27/06/2011	518562	7067628	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	No Tree Cover
1197357	27/06/2011	518600	7067661	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1197358	27/06/2011	518639	7067693	UTMZ7N_NAD83	Bare Soil	Light Brown	Sand	Subtle Slope	C	50	Damp	Excellent	No Tree Cover
1197359	27/06/2011	518672	7067734	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Subtle Slope	B	60	Damp	Good	No Tree Cover
1197360	27/06/2011	518702	7067777	UTMZ7N_NAD83	Thin Moss Cover	Reddish Brown	Sand	Subtle Slope	C	30	Damp	Good	No Tree Cover
1197361	27/06/2011	518728	7067822	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	B	40	Damp	Good	No Tree Cover
1197362	27/06/2011	518754	7067866	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Sand	Subtle Slope	C	60	Damp	Excellent	No Tree Cover
1197363	27/06/2011	518780	7067909	UTMZ7N_NAD83	Frost Boil	Chocolate Brown	Sand	Subtle Slope	C	40	Damp	Excellent	No Tree Cover
1197364	27/06/2011	518806	7067952	UTMZ7N_NAD83	Frost Boil	Light Brown	Sand	Subtle Slope	C	40	Damp	Excellent	No Tree Cover

Sample Number	SampleDate	Easting	Northing	Datum	GroundCover	Colour	Texture	Terrain	Sample Horizon	Sample Depth	Moisture	Sample Quality	Vegetation
1197365	27/06/2011	518835	7067994	UTMZ7N_NAD83	Frost Boil	Light Brown	Sand	Subtle Slope	C	50	Damp	Excellent	No Tree Cover
1197400	27/06/2011	519066	7068260	UTMZ7N_NAD83	Bare Soil	Chocolate Brown	Sand	Subtle Slope	C	50	Damp	Excellent	No Tree Cover
1197692	27/06/2011	519808	7067214	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	C	30	Damp	Good	No Tree Cover
1197693	27/06/2011	519790	7067165	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	C	40	Damp	Good	No Tree Cover
1197694	27/06/2011	519771	7067115	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	B	20	Dry	Good	No Tree Cover
1197695	27/06/2011	519761	7067064	UTMZ7N_NAD83	Rock Cover	Chocolate Brown	Sand	Pronounced Slope	B	30	Damp	Good	No Tree Cover
1197696	27/06/2011	519733	7067023	UTMZ7N_NAD83	Thin Moss Cover	Chocolate Brown	Sand	Flat	B	30	Dry	Good	No Tree Cover
1197697	27/06/2011	520218	7066938	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Sand	Subtle Slope	B	50	Wet	Good	Dwarf Birch
1197698	27/06/2011	519661	7066884	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Reddish Brown	Sand	Flat	C	40	Dry	Good	Willows
1197699	27/06/2011	519637	7066837	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Light Brown	Sand	Flat	B	30	Wet	Good	Willows
1197700	27/06/2011	519631	7066785	UTMZ7N_NAD83	Sphagnum Moss < 30cm	Chocolate Brown	Silt	Flat	B	30	Damp	Good	Willows
1197948	27/06/2011	519102	7068295	UTMZ7N_NAD83	Bare Soil	Dark Brown	Sand	Subtle Slope	C	40	Damp	Excellent	No Tree Cover
1197949	27/06/2011	519137	7068333	UTMZ7N_NAD83	Thin Moss Cover	Dark Brown	Silt	Subtle Slope	B	40	Damp	Good	No Tree Cover
1198000	01/07/2011	506284	7065474	UTMZ7N_NAD83	Burnt Moss	Light Brown	Sand	Subtle Slope	C	30	Damp	Good	Old Burn

APPENDIX – IV

Rock Grab sample and Trench sample Description and Location Data

Sample Number	Easting	Northing	EastNorthDatum	R_SampleType	R_Lithology	R_LithModifier	R_LithModifier2	R_Colour	R_AltType	R_AltStyle	R_AltIntensity	R_AltSecType	R_AltSecStyle	R_AltSecIntensity	R_AltMin1	R_AltMin1Percent	R_Min Min1	MinMin1Per	R_Min Min2	R_MinMin2Percent	R_Comments
30001	529575	7083939	UTMZ7N_WGS84	FloatGrab	Alaskite			White	Silicification	Stockwork	3_Moderate	Sericitic	Disseminated	2_Weak			Pyrite	1			white grey qtz
30002	529576	7083954	UTMZ7N_WGS84	TalusGrab	Porphyry	Quartz	QuartzEyes	Orange									Pyrite		Molybdenite		qtz porphry w/ very small fractures that are qtz filled w/ minor moly?
30004	529454	7083972	UTMZ7N_WGS84	SubCropGrab	Schist	Quartz	Biotite	GreyDark							Epidote		Pyrite		Goethite		
30005	529287	7083885	UTMZ7N_WGS84	SubCropGrab	VeinQuartz			White									Pyrite				limonitic alteration, veins up to 10cm
30008	529318	7084130	UTMZ7N_WGS84	FloatGrab	VeinQuartz			Tan							Epidote		Pyrite		Magnetite		sample number should be 30008.
30009	529578	7084029	UTMZ7N_WGS84	FloatGrab					Sericitic			Silicification									S. - I qtz-ser altn G with 3-5% dark gray spots? rusty fracture 10-15cm pieces
30010	529605	7084030	UTMZ7N_WGS84	FloatGrab	Granite																wte qtz vein cutting granite 5cm pieces with lim; mn oon frcs; 20cm pieces
30011	529867	7086959	UTMZ7N_WGS84	FloatGrab																	float above 18.9ppb Au soil anomaly of apl? on felsic gneiss (qtz-fsp) some clay altn w. ep and minor amphib with lim frcs; +-min
30012	529491	7086866	UTMZ7N_WGS84																		spec? but brown streak; possible sphal in sts and swirly skarny ep-chl rock; Carmacks cgl in aw; somee wte weathered felsic volc.
30013	529437	7086856	UTMZ7N_WGS84																		clay altered white weath white to orangish sts or volc +-spec limic vugs, cubes
30014	529292	7086845	UTMZ7N_WGS84																		limic gauge cgl/sts
30017	526743	7084581	UTMZ7N_WGS84																		grab of rusty / mn n-s silid cgl over 30m2 area; matrix white colour inside
30019	527082	7084574	UTMZ7N_WGS84																		limic mn frx in cgl; cgl otc/sub; upper otc of cgl
30021	527807	7084655	UTMZ7N_WGS84																		rusty zone in and; NB sample 30021 from variably, sil, tr py lim frcs
30022	526068	7089484	UTMZ7N_WGS84																		limic zones in amphib+- sil; weathered out cubes and frx some remnants py <1%
30023	526070	7089333	UTMZ7N_WGS84																		rusty, limic frx in schist and some qtz with lim boxwork and frx 5cm; local float in some area- appears to be sil of qf bio gneiss and possible mylonitization
30024	526076	7089311	UTMZ7N_WGS84																		qtz ser rock from 059 and 30024 location; 30m square area here
30025	526066	7089220	UTMZ7N_WGS84																		vuggy and dusty qtz vein stwk cutting clay-ser alt? schist (paragneiss) trace py? limic vugs frx and spots (after py)
30026	526066	7089220	UTMZ7N_WGS84																		qtz vein +-ser with limic frx vugs, spots trace py some bxiation with s clay ser-sil alt; angular frags which are cut by qtz strs (1-2mm, irregular, clean)
30027	526030	7089128	UTMZ7N_WGS84																		fericrete looking ser-clay lim alt'd gougy goethite in vugs, cavities up to 1.5cm with orange lim on surfaces (above qtz vein blds w ser alt'd) some gy mineral? bx zone
30028	526030	7089128	UTMZ7N_WGS84																		qtz vein with orange red brown weathered surface, ser alt, some gy patches with fine py
30031	529615	7086969	UTMZ7N_WGS84	FloatGrab	Volcanic			Green							Malachite		Chalcopyrite		Chalcocite		Not sure that green stain is malacite, but some other Cu bearing mineral? Are metseds intercalated w/ metavolcanic rocks? Metavolcanics, are intruded by quartz veins that appear to be sulphide bearing.
30032	529254	7086957	UTMZ7N_WGS84	TalusGrab	Amphibolite	GrainedF	ine	GreyDark									Pyrite	1			
30033	527672	7084080	UTMZ7N_WGS84	TalusGrab	Basalt	GrainedF	Equigranular	GreyDark									Pyrite	1			disseminated pyrite in magnetic basalt
30034	526252	7088920	UTMZ7N_WGS84	FloatGrab	VeinQuartz																py aggregates in qtz vein and silid +- clay alt-grab

Sample Number	Easting	Northing	EastNorthDatum	R_SampleType	R_Lithology	R_LithModifier	R_LithModifier2	R_Colour	R_AltType	R_AltStyle	R_AltIntensity	R_AltSecType	R_AltSecStyle	R_AltSecIntensity	R_AltMin1	R_AltMin1Percent	R_MinMin1	MinMin1Per	R_MinMin2	R_MinMin2Percent	R_Comments
30041	527983	7084668	UTMZ7N_WGS84	OutcropChip	Andesite	Mafic	Quartz	GreenDark							Pyrrhotite	20					green mafic minerals fined grained
30042	527983	7084668	UTMZ7N_WGS84	OutcropChip	Conglomerate	Quartz		GreyLight							Goethite	30	Quartz				
30051	528330	7084957	UTMZ7N_WGS84	SubCropGrab	Dacite				Potassic	Patchy	2_Weak						Pyrrhoti	3			
30052	529808	7084064	UTMZ7N_WGS84	TalusGrab	Quartzite			White	Silicificatio	Pervasive	3_Moderate	Sericitic	Disseminated	2_Weak			Pyrite	3			
30053	529893	7084126	UTMZ7N_WGS84	TalusGrab	Granodiorite			Brown	Weathere	Patchy	3_Moderate				Chlorite	8	Pyrite	5			f.g diss py; partially oxidized
30501	525334	7088955	UTMZ7N_WGS84	SubCropGrab	Gneiss			GreenDark	Silicificatio	Pervasive	4_Strong	Chloritic	Pervasive	3_Modera	Goethite	0.5	Pyrite	2			original gneissic texture hard to see due to stong silicification and chlotic altn; py as stringers in the sheeted qtz veins oriented along foliation
30502	525435	7088853	UTMZ7N_WGS84	TalusGrab	Schist	Muscovit	Quartz	Brown	Silicificatio	Massive	4_Strong	Chloritic	Patchy	2_Weak	IronOxide	5	Pyrite	2			majority of py oxidized to iron oxide
30503	525566	7088823	UTMZ7N_WGS84	TalusGrab	Gneiss	Quartz	Biotite	Grey	Silicificatio	Veinlet<1cm	3_Moderate	Chloritic	Patchy	2_Weak	Epidote	1.5	Pyrite	4			most of qtz veinlets(0.2-0.5cm) oriented along foliation plane; diss py observed in qtz veins or qtz-bio schist?
30504	525565	7088826	UTMZ7N_WGS84	TalusGrab	Gneiss			GreyLight	Silicificatio	Massive	4_Strong	Chloritic	Disseminated	1_Trace			Pyrite	1			
30505	525678	7088636	UTMZ7N_WGS84	TalusGrab	Quartzite			GreyLight	Silicificatio	Pervasive	4_Strong	IronStained	Disseminated	2_Weak			Pyrite	1			abundant qtz veins and qtzite observed around the sample site.

SampleNumber	TrenchID	HoleType	From	To	X_Center	Y_Center	Projection
30061	5mtr001	Trench	0	2	529384	7083956	UTMZ7N_WGS84
30062	5mtr001	Trench	2	4	529385	7083958	UTMZ7N_WGS84
30063	5mtr001	Trench	4	6	529386	7083960	UTMZ7N_WGS84
30064	5mtr001	Trench	6	8	529386	7083962	UTMZ7N_WGS84
30065	5mtr001	Trench	8	10	529387	7083964	UTMZ7N_WGS84
30066	5mtr001	Trench	10	12	529388	7083966	UTMZ7N_WGS84
30067	5mtr001	Trench	12	14	529389	7083967	UTMZ7N_WGS84
30068	5mtr001	Trench	14	16	529389	7083969	UTMZ7N_WGS84
30069	5mtr001	Trench	16	18	529390	7083971	UTMZ7N_WGS84
30070	5mtr001	Trench	18	20	529391	7083973	UTMZ7N_WGS84
30071	5mtr001	Trench	20	22	529392	7083975	UTMZ7N_WGS84
30072	5mtr001	Trench	22	24	529392	7083977	UTMZ7N_WGS84
30073	5mtr001	Trench	24	26	529393	7083979	UTMZ7N_WGS84
30074	5mtr001	Trench	26	28	529394	7083980	UTMZ7N_WGS84
30075	5mtr001	Trench	28	30	529395	7083982	UTMZ7N_WGS84
30076	5mtr001	Trench	30	32	529395	7083984	UTMZ7N_WGS84
30077	5mtr001	Trench	32	34	529396	7083986	UTMZ7N_WGS84
30078	5mtr001	Trench	34	36	529397	7083988	UTMZ7N_WGS84
30079	5mtr001	Trench	36	38	529397	7083990	UTMZ7N_WGS84
30080	5mtr001	Trench	38	40	529398	7083992	UTMZ7N_WGS84
30081	5mtr001	Trench	40	42	529399	7083994	UTMZ7N_WGS84
30082	5mtr001	Trench	42	44	529400	7083995	UTMZ7N_WGS84
30083	5mtr001	Trench	44	46	529400	7083997	UTMZ7N_WGS84
30084	5mtr001	Trench	46	48	529401	7083999	UTMZ7N_WGS84
30085	5mtr001	Trench	48	50	529402	7084001	UTMZ7N_WGS84
30086	5mtr001	Trench	50	52	529403	7084003	UTMZ7N_WGS84
30087	5mtr001	Trench	52	54	529403	7084005	UTMZ7N_WGS84
30088	5mtr001	Trench	54	56	529404	7084007	UTMZ7N_WGS84
30089	5mtr001	Trench	56	58	529405	7084008	UTMZ7N_WGS84
30090	5mtr001	Trench	58	60	529405	7084010	UTMZ7N_WGS84
30091	5mtr001	Trench	60	60.4	529406	7084011	UTMZ7N_WGS84
30092	5mtr001	Trench	60.4	62.4	529406	7084012	UTMZ7N_WGS84
30093	5mtr001	Trench	62.4	64	529407	7084014	UTMZ7N_WGS84
30094	5mtr001	Trench	64	64.9	529408	7084015	UTMZ7N_WGS84
30095	5mtr001	Trench	64.9	66	529408	7084016	UTMZ7N_WGS84
30096	5mtr001	Trench	66	68	529408	7084018	UTMZ7N_WGS84
30097	5mtr001	Trench	68	70	529409	7084020	UTMZ7N_WGS84
30098	5mtr001	Trench	70	72	529410	7084021	UTMZ7N_WGS84
30099	5mtr001	Trench	72	74	529411	7084023	UTMZ7N_WGS84
30100	5mtr001	Trench	74	76	529411	7084025	UTMZ7N_WGS84
30101	5mtr001	Trench	76	78	529412	7084027	UTMZ7N_WGS84
30102	5mtr001	Trench	78	80	529413	7084029	UTMZ7N_WGS84
30103	5mtr001	Trench	80	82	529414	7084031	UTMZ7N_WGS84
30104	5mtr001	Trench	82	84	529414	7084033	UTMZ7N_WGS84
30105	5mtr001	Trench	84	86	529415	7084034	UTMZ7N_WGS84
30106	5mtr001	Trench	86	88	529416	7084036	UTMZ7N_WGS84

30107	5mtr001	Trench	88	89.6	529416	7084038	UTMZ7N_WGS84
30108	5mtr001	Trench	89.6	91	529417	7084039	UTMZ7N_WGS84
30109	5mtr001	Trench	91	93	529418	7084041	UTMZ7N_WGS84
30110	5mtr001	Trench	93	94.5	529418	7084043	UTMZ7N_WGS84
30111	5mtr001	Trench	94.5	96	529419	7084044	UTMZ7N_WGS84
30112	5mtr001	Trench	96	98	529419	7084046	UTMZ7N_WGS84
30113	5mtr001	Trench	98	100	529420	7084047	UTMZ7N_WGS84
30114	5mtr001	Trench	100	102	529421	7084049	UTMZ7N_WGS84
30115	5mtr001	Trench	102	104	529422	7084051	UTMZ7N_WGS84
30116	5mtr001	Trench	104	106	529422	7084053	UTMZ7N_WGS84
30117	5mtr001	Trench	106	108	529423	7084055	UTMZ7N_WGS84
30119	5mtr002	Trench	0	2	529333	7084123	UTMZ7N_WGS84
30120	5mtr002	Trench	2	4	529331	7084125	UTMZ7N_WGS84
30121	5mtr002	Trench	4	6	529330	7084126	UTMZ7N_WGS84
30122	5mtr002	Trench	6	8	529329	7084128	UTMZ7N_WGS84
30123	5mtr002	Trench	8	10	529328	7084130	UTMZ7N_WGS84
30124	5mtr002	Trench	10	12	529327	7084131	UTMZ7N_WGS84
30125	5mtr002	Trench	12	14	529326	7084133	UTMZ7N_WGS84
30126	5mtr002	Trench	14	16	529324	7084134	UTMZ7N_WGS84
30127	5mtr002	Trench	16	18	529323	7084136	UTMZ7N_WGS84
30128	5mtr002	Trench	18	20	529322	7084138	UTMZ7N_WGS84
30129	5mtr002	Trench	20	22	529321	7084139	UTMZ7N_WGS84
30130	5mtr002	Trench	22	24	529320	7084141	UTMZ7N_WGS84
30131	5mtr002	Trench	24	26	529319	7084143	UTMZ7N_WGS84
30132	5mtr002	Trench	26	28	529317	7084144	UTMZ7N_WGS84
30133	5mtr002	Trench	28	29.5	529316	7084146	UTMZ7N_WGS84
30134	5mtr002	Trench	29.5	30	529316	7084146	UTMZ7N_WGS84
30135	5mtr002	Trench	30	32	529315	7084147	UTMZ7N_WGS84
30136	5mtr002	Trench	32	34	529314	7084149	UTMZ7N_WGS84
30137	5mtr002	Trench	34	35	529313	7084150	UTMZ7N_WGS84
30138	5mtr002	Trench	35	36	529312	7084151	UTMZ7N_WGS84
30139	5mtr002	Trench	36	39.7	529311	7084153	UTMZ7N_WGS84
30140	5mtr002	Trench	39.7	41	529309	7084155	UTMZ7N_WGS84
30141	5mtr002	Trench	41	43	529308	7084156	UTMZ7N_WGS84
30142	5mtr002	Trench	43	44	529308	7084157	UTMZ7N_WGS84
30143	5mtr002	Trench	44	46	529307	7084159	UTMZ7N_WGS84
30144	5mtr002	Trench	46	48	529306	7084160	UTMZ7N_WGS84
30145	5mtr002	Trench	48	50	529304	7084162	UTMZ7N_WGS84
30146	5mtr002	Trench	50	52	529303	7084164	UTMZ7N_WGS84
30147	5mtr002	Trench	52	52.7	529302	7084165	UTMZ7N_WGS84
30148	5mtr002	Trench	52.7	53.6	529302	7084165	UTMZ7N_WGS84
30149	5mtr002	Trench	53.6	54	529302	7084166	UTMZ7N_WGS84
30150	5mtr002	Trench	54	56	529301	7084167	UTMZ7N_WGS84
30151	5mtr002	Trench	56	58	529300	7084168	UTMZ7N_WGS84
30152	5mtr002	Trench	58	60	529298	7084170	UTMZ7N_WGS84
30153	5mtr002	Trench	60	62	529297	7084172	UTMZ7N_WGS84
30154	5mtr002	Trench	62	64	529296	7084173	UTMZ7N_WGS84

30155	5mtr002	Trench	64	66	529295	7084175	UTMZ7N_WGS84
30156	5mtr002	Trench	66	68	529294	7084177	UTMZ7N_WGS84
30157	5mtr002	Trench	68	70	529293	7084178	UTMZ7N_WGS84
30158	5mtr002	Trench	70	72	529291	7084180	UTMZ7N_WGS84
30159	5mtr002	Trench	72	74	529290	7084181	UTMZ7N_WGS84
30160	5mtr002	Trench	74	76	529289	7084183	UTMZ7N_WGS84
30161	5mtr002	Trench	76	78	529288	7084185	UTMZ7N_WGS84
30162	5mtr002	Trench	78	80	529287	7084186	UTMZ7N_WGS84
30163	5mtr002	Trench	80	81.3	529286	7084188	UTMZ7N_WGS84
30164	5mtr002	Trench	81.3	83.5	529285	7084189	UTMZ7N_WGS84
30165	5mtr002	Trench	83.5	85	529284	7084190	UTMZ7N_WGS84
30166	5mtr002	Trench	85	87	529283	7084192	UTMZ7N_WGS84
30167	5mtr002	Trench	87	88	529282	7084193	UTMZ7N_WGS84
30168	5mtr002	Trench	88	90	529281	7084194	UTMZ7N_WGS84
30169	5mtr002	Trench	90	92	529280	7084196	UTMZ7N_WGS84
30170	5mtr002	Trench	92	94	529278	7084198	UTMZ7N_WGS84
30171	5mtr002	Trench	94	96	529277	7084199	UTMZ7N_WGS84
30172	5mtr002	Trench	96	98	529276	7084201	UTMZ7N_WGS84
30173	5mtr002	Trench	98	100	529275	7084202	UTMZ7N_WGS84
30174	5mtr002	Trench	100	102	529274	7084204	UTMZ7N_WGS84
30175	5mtr002	Trench	102	104	529273	7084206	UTMZ7N_WGS84
30176	5mtr002	Trench	104	106	529271	7084207	UTMZ7N_WGS84
30177	5mtr002	Trench	106	108	529270	7084209	UTMZ7N_WGS84
30178	5mtr002	Trench	108	110	529269	7084211	UTMZ7N_WGS84
30179	5mtr002	Trench	110	112	529268	7084212	UTMZ7N_WGS84
30180	5mtr002	Trench	112	114	529267	7084214	UTMZ7N_WGS84
30181	5mtr002	Trench	114	116	529265	7084215	UTMZ7N_WGS84
30182	5mtr002	Trench	116	118	529264	7084217	UTMZ7N_WGS84
30183	5mtr002	Trench	118	120	529263	7084219	UTMZ7N_WGS84
30184	5mtr002	Trench	120	122	529262	7084220	UTMZ7N_WGS84
30185	5mtr002	Trench	122	124	529261	7084222	UTMZ7N_WGS84
30186	5mtr002	Trench	124	126	529260	7084224	UTMZ7N_WGS84
30187	5mtr002	Trench	126	128	529258	7084225	UTMZ7N_WGS84
30188	5mtr002	Trench	128	130	529257	7084227	UTMZ7N_WGS84
30189	5mtr002	Trench	130	132	529256	7084228	UTMZ7N_WGS84
30190	5mtr002	Trench	132	134	529255	7084230	UTMZ7N_WGS84
30191	5mtr002	Trench	134	136	529254	7084232	UTMZ7N_WGS84
30192	5mtr002	Trench	136	138	529252	7084233	UTMZ7N_WGS84
30193	5mtr002	Trench	138	140	529251	7084235	UTMZ7N_WGS84
30194	5mtr002	Trench	140	142	529250	7084236	UTMZ7N_WGS84
30195	5mtr002	Trench	142	144	529249	7084238	UTMZ7N_WGS84
30196	5mtr002	Trench	144	146	529248	7084240	UTMZ7N_WGS84
30197	5mtr002	Trench	146	148	529247	7084241	UTMZ7N_WGS84
30198	5mtr002	Trench	148	150	529245	7084243	UTMZ7N_WGS84
30199	5mtr002	Trench	150	152	529244	7084245	UTMZ7N_WGS84
30200	5mtr002	Trench	152	154	529243	7084246	UTMZ7N_WGS84
30201	5mtr002	Trench	154	156	529242	7084248	UTMZ7N_WGS84

30202	5mtr002	Trench	156	158	529241	7084249	UTMZ7N_WGS84
30203	5mtr002	Trench	158	160	529239	7084251	UTMZ7N_WGS84
30204	5mtr002	Trench	160	162	529238	7084253	UTMZ7N_WGS84
30205	5mtr002	Trench	162	164	529237	7084254	UTMZ7N_WGS84
30206	5mtr002	Trench	164	166	529236	7084256	UTMZ7N_WGS84
30207	5mtr002	Trench	166	168	529235	7084258	UTMZ7N_WGS84
30208	5mtr002	Trench	168	170	529234	7084259	UTMZ7N_WGS84
30209	5mtr002	Trench	170	172	529232	7084261	UTMZ7N_WGS84
30210	5mtr002	Trench	172	174	529231	7084262	UTMZ7N_WGS84
30211	5mtr002	Trench	174	176	529230	7084264	UTMZ7N_WGS84
30212	5mtr002	Trench	176	178	529229	7084266	UTMZ7N_WGS84
30213	5mtr002	Trench	178	180	529228	7084267	UTMZ7N_WGS84
30214	5mtr002	Trench	180	182	529226	7084269	UTMZ7N_WGS84
30215	5mtr002	Trench	182	184	529225	7084270	UTMZ7N_WGS84
30216	5mtr002	Trench	184	186	529224	7084272	UTMZ7N_WGS84
30217	5mtr002	Trench	214	216	529206	7084296	UTMZ7N_WGS84
30218	5mtr003	Trench	0	2	529235	7084250	UTMZ7N_WGS84
30219	5mtr003	Trench	2	4	529237	7084251	UTMZ7N_WGS84
30220	5mtr003	Trench	4	5.2	529239	7084252	UTMZ7N_WGS84
30221	5mtr003	Trench	5.2	7	529240	7084252	UTMZ7N_WGS84
30222	5mtr003	Trench	7	8	529241	7084253	UTMZ7N_WGS84
30223	5mtr003	Trench	8	10	529243	7084253	UTMZ7N_WGS84
30224	5mtr003	Trench	10	12	529244	7084254	UTMZ7N_WGS84
30225	5mtr003	Trench	12	13.3	529246	7084255	UTMZ7N_WGS84
30226	5mtr003	Trench	21	22.7	529254	7084259	UTMZ7N_WGS84
30227	5mtr003	Trench	28	30	529261	7084262	UTMZ7N_WGS84
30228	5mtr003	Trench	35.3	37	529267	7084265	UTMZ7N_WGS84
30229	5mtr003	Trench	37	39	529269	7084266	UTMZ7N_WGS84
30230	5mtr003	Trench	42	44	529273	7084268	UTMZ7N_WGS84
30231	5mtr003	Trench	44	45.7	529275	7084269	UTMZ7N_WGS84
30232	5mtr003	Trench	45.7	47	529276	7084270	UTMZ7N_WGS84
30233	5mtr003	Trench	47	49	529278	7084271	UTMZ7N_WGS84

APPENDIX – V

Soil Sample Assay Certificates

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

www.acmelab.com

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

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: July 22, 2011
Report Date: August 10, 2011
Page: 1 of 8

CERTIFICATE OF ANALYSIS DAW11000050.1

CLIENT JOB INFORMATION

Project: CHA
Shipment ID:
P.O. Number
Number of Samples: 189

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	189	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	189	Dry at 60C			WHI
1DX2	189	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: CHA
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS DAW11000050.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1117901	Soil		0.7	12.3	24.8	65	0.2	15.6	8.9	374	2.70	7.0	0.9	3.1	2.0	55	0.6	0.5	0.2	59	0.26	0.055
1117903	Soil		1.1	13.2	18.8	63	0.3	16.2	9.9	270	2.45	8.3	1.5	6.7	2.8	40	0.2	0.7	0.3	52	0.31	0.055
1117908	Soil		0.6	12.3	11.7	53	<0.1	11.3	6.9	318	1.86	4.9	0.7	2.4	1.1	21	0.2	0.4	0.1	39	0.20	0.046
1117909	Soil		0.7	17.4	15.5	66	0.1	16.0	10.0	453	2.49	9.7	0.8	4.1	2.8	34	0.2	0.6	0.2	49	0.24	0.043
1117910	Soil		0.7	15.5	25.4	78	0.2	14.7	9.6	425	2.37	8.0	0.8	4.8	3.2	43	0.3	0.7	0.2	45	0.31	0.057
1117911	Soil		0.8	15.0	11.5	52	0.2	13.1	7.0	232	2.50	7.8	0.9	2.6	2.1	26	0.1	0.5	0.2	47	0.21	0.052
1117912	Soil		0.8	11.0	11.2	53	0.1	12.0	8.5	329	2.31	6.3	0.6	4.8	2.7	17	0.2	0.4	0.2	51	0.18	0.042
1117914	Soil		0.6	13.3	20.9	73	0.2	13.8	8.2	222	2.09	5.8	0.6	1.8	2.0	29	0.4	0.5	0.2	42	0.31	0.053
1117915	Soil		0.8	23.4	14.9	62	0.2	16.5	8.3	147	2.41	8.0	1.0	3.0	2.8	24	0.3	0.5	0.2	49	0.21	0.045
1117916	Soil		0.7	30.8	17.1	70	0.2	16.0	8.1	187	3.13	12.2	1.1	3.3	3.9	20	0.2	0.7	0.3	58	0.20	0.031
1117917	Soil		0.7	29.3	16.7	70	0.3	15.8	8.3	182	2.97	10.7	1.1	4.6	3.8	20	0.2	0.7	0.3	55	0.20	0.029
1117918	Soil		0.9	20.9	13.0	55	0.2	13.9	6.5	136	2.44	10.7	1.3	4.0	2.1	16	0.2	0.6	0.3	42	0.17	0.054
1117919	Soil		0.7	20.5	13.3	57	0.2	14.6	7.8	163	2.32	7.8	1.0	3.1	3.1	20	0.3	0.6	0.2	48	0.21	0.050
1117926	Soil		1.0	28.7	8.8	59	0.2	14.4	9.1	386	2.51	4.7	1.5	2.1	2.2	19	0.2	0.5	0.2	48	0.34	0.044
1117928	Soil		0.7	22.4	11.1	70	0.1	16.8	10.5	335	2.51	4.8	0.9	2.8	4.1	21	0.2	0.5	0.2	51	0.32	0.057
1117929	Soil		0.7	22.7	7.7	68	<0.1	12.7	10.3	514	3.13	1.5	1.1	1.6	5.2	17	0.2	0.4	0.1	46	0.34	0.060
1117930	Soil		0.7	35.6	7.4	69	<0.1	16.4	14.9	719	3.62	4.3	0.7	1.2	2.8	17	<0.1	0.4	0.1	86	0.27	0.044
1117931	Soil		0.8	26.3	9.1	65	<0.1	14.6	12.7	621	3.11	4.7	0.8	1.8	3.0	17	0.1	0.3	0.1	69	0.23	0.039
1117932	Soil		0.6	29.4	6.5	63	<0.1	13.6	13.8	747	3.26	3.4	0.8	1.5	2.2	19	0.1	0.2	0.1	80	0.33	0.049
1117902	Soil		0.7	17.5	36.4	77	0.2	16.8	11.4	530	2.70	7.8	1.6	5.7	3.6	56	0.4	0.5	0.3	57	0.39	0.049
1117904	Soil		0.7	11.2	16.6	61	0.2	14.1	10.2	353	2.37	6.3	0.9	2.7	2.1	36	0.3	0.5	0.2	50	0.22	0.050
1117905	Soil		0.7	14.1	11.0	59	<0.1	16.7	8.8	370	2.37	6.5	0.8	4.1	2.5	25	0.3	0.4	0.1	51	0.24	0.049
1117906	Soil		0.7	14.0	14.3	54	0.2	14.3	8.5	412	2.21	6.2	1.0	3.1	1.6	33	0.3	0.5	0.2	49	0.31	0.064
1117907	Soil		0.7	14.1	21.1	59	0.2	12.0	8.4	381	2.17	7.8	0.9	2.6	2.1	30	0.3	0.7	0.2	42	0.27	0.069
1117913	Soil		1.2	20.8	24.5	66	0.2	13.8	16.1	609	2.98	10.8	0.8	3.0	2.4	23	0.4	0.5	0.2	63	0.17	0.039
1117920	Soil		0.7	19.4	15.1	76	0.1	15.8	8.6	294	2.39	7.3	0.7	2.3	3.8	26	0.2	0.7	0.2	50	0.30	0.051
1117922	Soil		0.8	19.3	18.6	57	0.3	10.6	5.5	206	1.75	4.7	1.1	2.6	0.3	30	0.3	0.4	0.2	35	0.21	0.069
1117924	Soil		1.0	26.2	10.0	70	<0.1	15.5	11.8	553	3.02	5.4	0.7	2.2	2.9	18	0.2	0.5	0.2	64	0.25	0.039
1117925	Soil		1.0	28.6	10.4	68	0.1	16.1	10.6	501	2.93	5.6	1.1	2.6	3.1	20	0.2	0.5	0.2	56	0.34	0.046
1117927	Soil		1.2	11.8	7.8	50	<0.1	13.2	11.9	452	2.23	3.4	1.0	1.4	2.5	22	0.1	0.3	0.1	50	0.42	0.064

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Project: CHA
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS DAW11000050.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1117901	Soil	7	38	0.81	165	0.101	1	1.92	0.013	0.18	0.1	0.11	3.4	0.2	0.06	7	<0.5	<0.2
1117903	Soil	9	35	0.76	205	0.075	<1	1.88	0.014	0.13	0.2	0.06	3.8	0.2	<0.05	6	<0.5	<0.2
1117908	Soil	7	18	0.43	125	0.055	<1	1.23	0.015	0.07	0.1	0.03	1.8	<0.1	<0.05	5	<0.5	<0.2
1117909	Soil	9	24	0.59	168	0.068	<1	1.61	0.014	0.13	0.2	0.03	3.2	0.2	<0.05	5	<0.5	<0.2
1117910	Soil	10	23	0.64	168	0.072	<1	1.62	0.011	0.13	0.2	0.03	3.0	0.1	<0.05	5	<0.5	<0.2
1117911	Soil	9	22	0.56	177	0.055	<1	1.75	0.010	0.09	0.2	0.05	3.1	0.1	<0.05	5	<0.5	<0.2
1117912	Soil	8	22	0.55	112	0.083	<1	1.56	0.008	0.10	0.2	0.03	2.6	0.1	<0.05	5	<0.5	<0.2
1117914	Soil	10	20	0.48	247	0.049	2	1.43	0.009	0.05	0.2	0.05	2.6	<0.1	<0.05	4	<0.5	<0.2
1117915	Soil	12	23	0.50	221	0.054	<1	1.71	0.010	0.06	0.2	0.04	4.0	0.1	<0.05	5	<0.5	<0.2
1117916	Soil	13	25	0.61	201	0.073	<1	1.96	0.010	0.07	0.1	0.05	4.7	0.1	<0.05	6	<0.5	<0.2
1117917	Soil	13	24	0.62	197	0.072	<1	1.94	0.009	0.07	0.1	0.05	4.5	0.1	<0.05	6	<0.5	<0.2
1117918	Soil	13	22	0.43	167	0.037	<1	1.63	0.008	0.05	0.1	0.05	3.2	0.1	<0.05	5	<0.5	<0.2
1117919	Soil	13	23	0.48	210	0.048	1	1.59	0.009	0.06	0.1	0.05	3.6	0.1	<0.05	5	<0.5	<0.2
1117926	Soil	14	20	0.61	338	0.048	<1	1.54	0.011	0.09	0.1	0.04	4.1	<0.1	<0.05	5	<0.5	<0.2
1117928	Soil	15	24	0.68	308	0.059	<1	1.67	0.011	0.14	0.1	0.03	4.4	0.1	<0.05	5	<0.5	<0.2
1117929	Soil	19	16	0.57	482	0.041	<1	1.54	0.008	0.27	<0.1	0.02	5.1	0.1	<0.05	4	<0.5	<0.2
1117930	Soil	9	23	0.97	313	0.051	<1	2.04	0.010	0.14	<0.1	0.01	7.1	0.1	<0.05	6	<0.5	<0.2
1117931	Soil	11	22	0.75	275	0.036	<1	1.87	0.009	0.11	<0.1	0.02	5.3	0.1	<0.05	5	<0.5	<0.2
1117932	Soil	12	25	0.79	267	0.062	<1	1.73	0.008	0.18	<0.1	0.03	8.3	0.2	<0.05	6	<0.5	<0.2
1117902	Soil	10	31	0.87	241	0.103	<1	2.12	0.022	0.16	0.2	0.03	4.1	0.2	<0.05	6	<0.5	<0.2
1117904	Soil	8	28	0.60	146	0.075	<1	1.54	0.017	0.10	0.2	0.04	2.5	0.1	<0.05	5	<0.5	<0.2
1117905	Soil	9	32	0.66	168	0.083	<1	1.73	0.018	0.11	0.2	0.02	3.3	0.1	<0.05	5	<0.5	<0.2
1117906	Soil	9	28	0.59	179	0.069	<1	1.68	0.015	0.09	0.1	0.04	2.9	0.1	<0.05	6	<0.5	<0.2
1117907	Soil	9	22	0.49	162	0.055	<1	1.39	0.015	0.09	0.2	0.05	2.5	0.1	<0.05	5	<0.5	<0.2
1117913	Soil	10	23	0.57	182	0.067	<1	2.03	0.010	0.10	0.2	0.03	3.6	0.1	<0.05	7	<0.5	<0.2
1117920	Soil	11	22	0.64	200	0.081	<1	1.37	0.012	0.10	0.2	0.02	3.4	0.1	<0.05	5	<0.5	<0.2
1117922	Soil	10	19	0.34	190	0.021	<1	1.48	0.011	0.05	0.1	0.06	1.8	<0.1	<0.05	4	<0.5	<0.2
1117924	Soil	12	23	0.69	327	0.070	<1	1.66	0.010	0.14	0.1	0.02	3.9	0.1	<0.05	5	<0.5	<0.2
1117925	Soil	15	22	0.69	292	0.053	<1	1.59	0.011	0.11	<0.1	0.02	4.0	<0.1	<0.05	5	<0.5	<0.2
1117927	Soil	11	21	0.60	295	0.044	<1	1.41	0.011	0.06	0.2	0.04	3.6	<0.1	<0.05	5	<0.5	<0.2

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

Project: CHA
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS DAW11000050.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1117933	Soil	0.6	23.3	5.7	60	<0.1	10.4	12.5	705	3.22	2.4	0.6	0.9	3.4	15	<0.1	0.2	<0.1	70	0.24	0.051
1117737	Soil	0.7	11.8	36.4	42	0.2	12.0	5.3	174	2.34	14.4	0.4	4.8	1.7	16	0.2	1.6	0.1	39	0.12	0.026
1117738	Soil	1.0	16.2	13.5	51	<0.1	17.2	7.2	297	2.65	8.4	0.4	4.3	1.6	15	0.3	0.7	0.2	54	0.12	0.034
1117739	Soil	0.8	22.1	15.8	46	<0.1	18.3	8.9	271	2.77	12.9	0.4	8.5	2.6	20	0.2	1.2	0.1	49	0.12	0.032
1117740	Soil	1.1	18.5	26.3	59	0.1	11.9	8.0	328	2.53	8.4	0.8	4.8	2.3	37	0.3	0.7	0.2	40	0.12	0.035
1117741	Soil	0.9	22.8	14.2	64	0.1	17.6	9.0	368	2.94	9.3	0.8	3.5	1.6	30	0.3	0.7	0.2	59	0.14	0.050
1117742	Soil	1.0	21.9	15.3	59	0.1	14.1	8.9	359	2.83	10.2	0.8	6.5	1.6	40	0.1	1.0	0.2	55	0.16	0.046
1117743	Soil	0.8	21.0	14.2	65	0.1	14.4	10.0	422	2.75	9.7	0.7	3.2	1.8	45	0.3	0.9	0.2	53	0.20	0.050
1117744	Soil	0.6	21.6	13.3	79	<0.1	17.4	11.9	479	2.84	10.7	0.9	6.5	3.1	44	0.4	1.0	0.2	50	0.18	0.043
1117745	Soil	0.9	15.4	16.0	58	<0.1	14.4	8.0	302	2.94	10.5	0.7	2.9	1.6	22	0.3	0.9	0.2	57	0.14	0.037
1117746	Soil	0.8	15.3	13.2	58	<0.1	14.2	8.8	316	2.50	8.6	0.6	3.6	2.3	25	0.3	0.8	0.1	49	0.15	0.029
1117747	Soil	0.9	18.1	28.7	78	0.1	17.3	11.4	432	2.84	11.7	0.8	3.2	3.0	23	0.3	0.9	0.2	53	0.16	0.049
1117748	Soil	0.8	22.4	13.2	73	0.1	16.1	10.0	352	2.89	9.5	1.1	5.1	2.6	25	0.3	0.7	0.2	58	0.24	0.058
1117921	Soil	1.1	20.0	33.8	103	0.3	12.6	16.1	722	2.81	11.6	1.0	3.7	3.3	61	0.3	1.3	0.3	59	0.28	0.051
1117923	Soil	0.8	15.1	20.7	67	0.1	12.2	10.3	602	2.98	10.5	1.0	3.5	4.5	64	0.3	0.8	0.3	59	0.30	0.050
1118494	Soil	1.4	22.8	17.0	64	0.2	15.5	11.8	439	3.16	12.5	1.1	4.1	3.8	35	0.2	0.7	0.3	60	0.29	0.044
1118497	Soil	0.8	17.8	47.4	68	0.3	16.3	13.0	780	2.80	8.8	0.7	3.8	3.0	31	0.2	0.7	0.3	58	0.25	0.053
1118500	Soil	0.9	20.6	17.6	83	0.1	18.0	11.0	542	3.59	10.2	0.7	2.1	4.3	34	0.1	0.7	0.3	74	0.23	0.032
1118112	Soil	1.1	14.0	9.7	67	0.1	11.7	10.2	465	3.33	8.1	1.1	2.7	3.0	21	<0.1	0.5	0.2	56	0.29	0.064
1118110	Soil	0.7	12.6	9.4	56	<0.1	12.3	7.2	187	2.62	6.4	0.8	1.4	1.9	19	<0.1	0.5	0.2	51	0.23	0.058
1117696	Soil	0.5	24.4	6.4	63	0.1	21.1	12.0	668	2.76	4.3	0.5	6.3	1.5	41	0.2	0.5	0.1	58	0.96	0.061
1117685	Soil	0.6	13.3	5.3	27	<0.1	5.0	5.9	209	2.04	3.6	0.2	1.3	0.7	11	<0.1	0.4	0.1	73	0.10	0.031
1117686	Soil	0.6	24.0	9.3	55	0.2	12.1	10.2	494	2.60	3.9	0.4	1.3	0.9	66	0.2	0.6	0.1	62	1.31	0.086
1117684	Soil	1.4	13.8	34.2	77	0.1	11.0	9.5	620	2.97	7.2	0.7	8.3	3.0	19	0.4	0.8	0.2	47	0.30	0.057
1117680	Soil	1.8	30.7	83.6	141	0.4	19.8	11.9	934	3.37	264.1	1.3	4.3	8.1	22	0.6	3.4	0.2	34	0.19	0.028
1117682	Soil	0.8	20.6	15.0	70	<0.1	17.0	10.6	563	3.22	9.3	0.9	2.4	3.6	25	0.1	0.6	0.2	67	0.25	0.048
1117679	Soil	1.1	10.8	11.6	35	0.1	9.4	5.3	121	3.03	8.3	0.7	4.7	3.6	8	0.2	0.4	0.3	63	0.07	0.037
1117677	Soil	0.6	9.1	5.9	50	<0.1	10.9	6.2	369	2.41	4.8	0.4	2.3	5.0	7	<0.1	0.6	0.1	34	0.06	0.023
1118111	Soil	0.7	13.3	9.7	66	0.1	13.0	8.5	276	2.79	6.1	0.8	2.5	2.7	15	<0.1	0.5	0.2	53	0.19	0.055
1117681	Soil	2.1	28.9	84.1	130	0.4	21.1	12.2	914	3.38	221.5	1.3	4.9	7.3	20	0.7	2.9	0.2	40	0.19	0.031

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Project: CHA
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS DAW11000050.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1117933	Soil		13	21	0.73	241	0.080	<1	1.58	0.006	0.30	<0.1	0.02	7.4	0.2	<0.05	5	<0.5	<0.2
1117737	Soil		8	19	0.28	323	0.041	<1	0.92	0.013	0.11	0.1	0.04	1.7	0.2	0.12	3	<0.5	<0.2
1117738	Soil		8	24	0.36	258	0.048	<1	1.66	0.011	0.06	0.2	0.06	2.1	<0.1	<0.05	5	<0.5	<0.2
1117739	Soil		8	24	0.38	228	0.051	<1	1.41	0.016	0.05	0.2	0.05	2.1	0.2	<0.05	4	<0.5	<0.2
1117740	Soil		10	19	0.36	168	0.030	<1	1.34	0.025	0.08	0.2	0.05	2.6	0.2	0.12	4	<0.5	<0.2
1117741	Soil		9	27	0.52	181	0.062	<1	2.19	0.019	0.09	0.1	0.08	3.2	0.2	0.06	6	<0.5	<0.2
1117742	Soil		8	25	0.54	190	0.059	<1	2.01	0.013	0.11	0.2	0.07	3.1	0.2	0.07	6	<0.5	<0.2
1117743	Soil		8	24	0.56	228	0.062	2	1.99	0.016	0.12	0.2	0.06	3.1	0.2	0.08	6	<0.5	<0.2
1117744	Soil		10	24	0.65	228	0.072	1	2.58	0.017	0.18	0.2	0.03	3.3	0.3	0.08	6	<0.5	<0.2
1117745	Soil		9	23	0.47	164	0.066	2	2.26	0.013	0.10	0.2	0.06	2.6	0.2	0.06	7	0.6	<0.2
1117746	Soil		8	20	0.52	171	0.070	<1	1.77	0.016	0.12	0.3	0.02	3.0	0.2	<0.05	5	<0.5	<0.2
1117747	Soil		9	23	0.57	155	0.071	<1	2.18	0.013	0.10	0.2	0.05	3.2	0.2	<0.05	6	<0.5	<0.2
1117748	Soil		10	24	0.67	201	0.082	1	2.17	0.015	0.13	0.3	0.07	4.2	0.2	0.06	6	<0.5	<0.2
1117921	Soil		12	24	0.70	248	0.082	<1	1.99	0.012	0.13	0.2	0.03	3.6	0.1	<0.05	6	<0.5	<0.2
1117923	Soil		14	20	0.72	264	0.061	<1	1.58	0.013	0.12	0.1	0.01	3.8	<0.1	<0.05	5	<0.5	<0.2
1118494	Soil		13	26	0.74	181	0.087	<1	2.36	0.013	0.17	0.3	0.04	3.9	0.2	<0.05	7	<0.5	<0.2
1118497	Soil		12	28	0.71	226	0.087	<1	2.10	0.012	0.19	0.2	0.03	3.3	0.2	<0.05	6	<0.5	<0.2
1118500	Soil		11	31	0.89	239	0.122	1	2.59	0.010	0.27	0.2	0.03	3.7	0.2	<0.05	8	<0.5	<0.2
1118112	Soil		12	22	0.61	302	0.024	<1	1.87	0.010	0.06	0.1	0.05	3.7	0.1	<0.05	5	<0.5	<0.2
1118110	Soil		12	21	0.58	273	0.027	<1	1.81	0.010	0.06	0.1	0.05	3.1	0.1	<0.05	6	<0.5	<0.2
1117696	Soil		8	31	0.83	316	0.039	1	1.78	0.014	0.07	0.3	0.04	5.8	<0.1	<0.05	5	<0.5	<0.2
1117685	Soil		4	10	0.28	74	0.043	<1	0.97	0.014	0.04	0.2	0.01	2.2	<0.1	<0.05	6	<0.5	<0.2
1117686	Soil		7	17	0.60	337	0.023	2	1.60	0.015	0.06	0.1	0.05	5.7	<0.1	0.08	5	<0.5	<0.2
1117684	Soil		13	17	0.50	219	0.015	<1	1.88	0.009	0.08	0.1	0.02	3.7	0.1	0.06	6	<0.5	<0.2
1117680	Soil		25	24	0.58	1340	0.013	<1	1.91	0.006	0.10	<0.1	0.02	4.4	0.2	<0.05	5	0.6	<0.2
1117682	Soil		13	26	0.60	397	0.043	<1	2.08	0.011	0.09	0.1	0.03	5.7	0.1	<0.05	7	<0.5	<0.2
1117679	Soil		9	34	0.16	133	0.051	3	3.09	0.006	0.03	0.1	0.04	2.9	<0.1	<0.05	7	1.0	<0.2
1117677	Soil		15	17	0.45	117	0.049	<1	1.83	0.006	0.16	<0.1	0.03	1.9	0.1	<0.05	6	<0.5	<0.2
1118111	Soil		13	21	0.65	237	0.032	<1	1.96	0.008	0.07	0.1	0.03	3.5	0.1	<0.05	6	<0.5	<0.2
1117681	Soil		22	26	0.60	1045	0.022	<1	2.23	0.008	0.09	<0.1	0.03	5.2	0.1	<0.05	5	<0.5	<0.2

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Project: CHA
Report Date: August 10, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1118105	Soil		1.2	16.4	8.8	63	<0.1	15.2	11.3	660	3.21	6.6	1.0	6.3	4.5	21	<0.1	0.5	0.2	53	0.34	0.043
1118109	Soil		0.7	11.9	9.9	55	<0.1	12.4	6.8	178	2.56	6.7	0.8	2.9	1.7	19	0.1	0.4	0.2	51	0.23	0.051
1118107	Soil		1.1	16.3	10.0	60	0.1	14.1	12.9	481	3.55	7.3	1.2	2.5	4.1	16	0.1	0.6	0.3	52	0.19	0.057
1117683	Soil		0.7	8.2	83.2	24	1.1	1.7	1.0	42	0.60	3.9	0.3	3.6	<0.1	8	0.2	0.6	0.1	16	0.04	0.023
1117678	Soil		1.7	25.8	16.3	89	0.1	18.0	11.3	532	3.13	14.2	0.9	8.9	5.5	16	0.2	2.6	0.2	48	0.16	0.021
1117672	Soil		0.8	10.4	9.2	40	<0.1	8.4	4.8	332	1.65	6.4	0.9	1.9	4.6	13	<0.1	0.5	0.1	30	0.13	0.019
1117690	Soil		0.7	15.8	12.6	69	0.2	10.7	9.5	533	2.90	5.6	0.9	3.7	2.9	22	0.2	0.9	0.1	58	0.35	0.064
1117689	Soil		0.7	26.2	8.9	67	0.2	12.3	11.7	565	2.90	4.5	0.9	2.9	2.1	51	<0.1	0.7	0.1	69	0.93	0.073
1117673	Soil		0.8	9.6	6.1	23	<0.1	4.3	2.2	180	1.32	4.3	0.3	<0.5	1.3	7	0.1	0.4	0.2	37	0.05	0.025
1117695	Soil		0.4	17.8	10.5	69	0.1	15.9	10.2	441	2.47	5.4	0.7	3.0	2.0	26	0.1	0.6	0.1	54	0.39	0.058
1117671	Soil		0.7	17.3	13.5	66	0.1	17.9	7.7	261	2.50	9.1	0.8	1.8	3.1	33	<0.1	0.5	0.2	50	0.30	0.049
1117676	Soil		0.5	8.2	3.8	38	<0.1	2.0	2.3	235	1.70	1.5	0.6	1.9	4.0	3	<0.1	0.3	<0.1	16	0.03	0.020
1117674	Soil		0.8	22.6	9.4	61	<0.1	20.6	9.5	283	2.80	7.9	0.7	3.1	5.5	17	0.5	1.0	0.4	51	0.16	0.023
1117688	Soil		0.9	26.5	13.5	71	0.2	13.8	10.0	479	2.94	4.1	0.9	4.9	3.3	34	0.4	1.1	0.3	61	0.74	0.082
1117692	Soil		0.8	23.8	13.3	77	0.1	14.9	13.2	432	3.28	6.4	0.7	5.2	2.6	18	0.2	0.6	0.1	69	0.26	0.063
1117675	Soil		1.0	26.9	13.2	78	<0.1	21.2	11.1	657	3.28	8.5	0.8	4.2	4.2	27	0.8	1.2	0.4	61	0.24	0.026
1117687	Soil		1.0	21.0	11.8	73	<0.1	14.0	13.5	564	3.50	6.0	0.5	2.7	2.2	17	0.9	1.5	0.5	87	0.26	0.047
1117693	Soil		1.1	24.2	13.8	79	0.2	14.9	12.8	534	3.37	7.5	0.8	3.0	2.6	19	0.5	1.0	0.3	65	0.28	0.064
1117694	Soil		1.0	20.5	12.5	71	0.1	14.5	12.7	405	3.04	7.6	0.8	2.0	2.1	19	0.7	1.0	0.3	62	0.25	0.065
1117691	Soil		1.0	13.1	12.8	65	0.1	11.0	9.2	485	2.60	6.8	0.6	1.7	1.7	20	0.7	1.1	0.4	65	0.28	0.058
1117749	Soil		0.9	29.9	10.1	53	<0.1	16.3	9.5	237	3.02	8.4	0.8	2.4	2.4	22	0.5	0.8	0.3	73	0.22	0.044
1117750	Soil		1.1	26.8	51.0	62	0.2	18.4	12.8	368	3.07	8.5	1.0	6.1	4.1	27	0.4	0.9	0.2	62	0.24	0.047
1118101	Soil		0.9	19.9	27.6	82	0.2	15.5	10.5	546	2.97	10.0	0.8	3.0	3.4	53	0.2	0.7	0.2	64	0.24	0.047
1118102	Soil		0.8	18.3	19.5	70	<0.1	12.3	10.9	628	2.56	7.8	0.7	2.8	3.6	52	0.1	0.5	0.1	48	0.22	0.048
1118103	Soil		0.8	27.1	34.8	85	0.4	14.2	5.5	191	2.25	7.5	1.3	5.8	0.9	22	0.8	0.6	0.3	47	0.21	0.061
1118104	Soil		1.2	25.3	11.8	79	0.2	20.8	13.3	670	3.37	6.0	1.3	3.5	6.0	25	0.3	0.6	0.3	65	0.37	0.057
1118108	Soil		1.1	15.9	11.2	62	0.1	13.8	8.9	292	2.99	5.9	1.0	2.9	4.0	17	0.5	0.8	0.3	53	0.26	0.057
1118106	Soil		0.9	13.7	9.6	63	<0.1	14.0	13.3	738	3.13	4.2	0.8	1.6	4.9	17	0.1	0.6	0.2	58	0.28	0.048
1118113	Soil		0.8	16.9	10.8	70	0.1	14.2	8.4	195	3.12	7.1	1.1	1.9	3.3	20	0.6	0.8	0.3	57	0.26	0.057
1118114	Soil		0.8	15.4	9.2	77	0.1	13.5	13.0	590	2.55	5.6	0.9	1.4	3.1	16	0.5	0.8	0.4	50	0.20	0.051

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

Project: CHA
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS DAW11000050.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1118105	Soil		17	23	0.70	279	0.043	<1	1.80	0.010	0.10	0.1	0.02	3.7	0.1	<0.05	5	<0.5	<0.2
1118109	Soil		12	21	0.55	257	0.029	<1	1.80	0.010	0.06	0.1	0.04	3.1	0.1	<0.05	6	0.5	<0.2
1118107	Soil		16	22	0.57	237	0.027	1	1.85	0.009	0.06	0.1	0.03	3.6	0.1	<0.05	6	0.5	<0.2
1117683	Soil		6	6	0.04	49	0.008	<1	0.57	0.011	0.04	<0.1	0.04	0.3	<0.1	<0.05	4	<0.5	<0.2
1117678	Soil		20	23	0.57	310	0.032	<1	1.75	0.007	0.08	<0.1	0.03	4.8	0.1	<0.05	5	0.5	<0.2
1117672	Soil		17	14	0.26	99	0.020	<1	1.19	0.006	0.09	0.1	0.01	1.7	<0.1	<0.05	4	<0.5	<0.2
1117690	Soil		12	15	0.52	274	0.024	<1	1.69	0.013	0.07	0.2	0.04	4.4	<0.1	<0.05	5	<0.5	<0.2
1117689	Soil		12	16	0.63	376	0.034	1	1.83	0.016	0.09	0.2	0.04	6.7	<0.1	<0.05	6	<0.5	<0.2
1117673	Soil		12	11	0.11	55	0.034	<1	0.89	0.008	0.05	<0.1	0.02	1.0	<0.1	<0.05	6	<0.5	<0.2
1117695	Soil		12	24	0.60	302	0.032	<1	1.83	0.014	0.06	0.3	0.03	4.2	<0.1	<0.05	5	<0.5	<0.2
1117671	Soil		13	27	0.57	255	0.050	<1	1.95	0.011	0.07	0.1	0.03	3.4	0.1	<0.05	6	<0.5	<0.2
1117676	Soil		16	5	0.41	99	0.021	<1	1.30	0.006	0.21	<0.1	0.02	1.4	0.1	<0.05	5	<0.5	<0.2
1117674	Soil		16	30	0.60	199	0.037	4	2.15	0.008	0.08	0.1	0.02	3.2	0.1	<0.05	6	<0.5	<0.2
1117688	Soil		14	17	0.71	341	0.025	4	1.86	0.011	0.09	0.5	0.03	6.8	<0.1	<0.05	5	0.9	<0.2
1117692	Soil		10	22	0.69	249	0.029	3	1.80	0.009	0.06	0.2	0.03	4.5	<0.1	<0.05	6	0.7	<0.2
1117675	Soil		18	31	0.71	300	0.054	2	2.20	0.010	0.13	0.1	0.02	8.1	<0.1	<0.05	6	0.6	<0.2
1117687	Soil		8	18	0.65	225	0.028	2	1.78	0.011	0.07	0.2	0.01	5.4	<0.1	<0.05	6	0.7	<0.2
1117693	Soil		11	22	0.68	239	0.034	3	1.88	0.011	0.06	0.2	0.04	4.6	<0.1	<0.05	6	0.9	<0.2
1117694	Soil		12	23	0.60	263	0.030	3	1.82	0.010	0.06	0.3	0.04	4.3	<0.1	<0.05	6	<0.5	<0.2
1117691	Soil		10	18	0.51	255	0.027	3	1.60	0.011	0.06	0.3	0.03	3.6	<0.1	0.06	5	0.7	<0.2
1117749	Soil		10	31	0.68	168	0.118	5	1.99	0.011	0.16	0.2	0.05	4.0	0.2	0.07	7	0.7	<0.2
1117750	Soil		11	29	0.75	176	0.114	2	2.29	0.011	0.18	0.2	0.03	3.8	0.2	0.06	7	0.9	<0.2
1118101	Soil		13	26	0.68	246	0.075	2	2.04	0.010	0.13	0.1	0.02	3.3	0.1	<0.05	6	<0.5	<0.2
1118102	Soil		13	21	0.60	221	0.050	2	1.53	0.010	0.10	0.1	0.02	3.1	<0.1	<0.05	5	0.5	<0.2
1118103	Soil		16	23	0.41	245	0.031	3	1.76	0.012	0.08	<0.1	0.06	2.9	0.1	0.05	6	0.8	<0.2
1118104	Soil		23	30	0.79	319	0.066	2	2.09	0.010	0.15	0.1	0.04	5.7	0.1	<0.05	6	0.7	<0.2
1118108	Soil		15	22	0.63	297	0.023	2	1.77	0.008	0.06	0.2	0.04	4.1	0.1	<0.05	5	0.5	<0.2
1118106	Soil		15	23	0.71	247	0.026	<1	1.93	0.009	0.06	0.1	0.03	4.2	<0.1	<0.05	6	<0.5	<0.2
1118113	Soil		13	24	0.57	315	0.024	2	1.82	0.010	0.06	0.1	0.04	4.2	0.1	<0.05	5	<0.5	<0.2
1118114	Soil		14	22	0.58	315	0.034	<1	1.75	0.009	0.06	0.2	0.03	3.7	0.1	<0.05	5	<0.5	<0.2

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Project: CHA
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS DAW11000050.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1118115	Soil		0.6	19.7	10.5	80	0.1	16.1	9.6	236	2.83	6.7	1.0	0.6	3.9	20	0.6	0.8	0.4	58	0.28	0.050
1118495	Soil		1.2	33.4	32.5	64	0.5	17.5	10.8	431	3.16	11.9	1.4	4.0	2.6	28	0.2	0.7	0.2	61	0.27	0.065
1118496	Soil		1.0	21.2	47.9	62	0.1	15.7	11.4	443	3.17	8.7	0.6	3.1	2.8	27	0.3	0.7	0.2	67	0.23	0.039
1118498	Soil		1.0	19.1	14.2	70	0.1	18.4	11.1	395	3.14	7.9	0.6	2.3	2.9	22	<0.1	0.3	<0.1	68	0.20	0.037
1118499	Soil		1.2	24.1	20.9	90	0.2	19.8	13.2	644	3.55	11.0	0.9	3.4	3.3	28	0.4	0.8	0.3	77	0.25	0.041
1119504	Soil		0.9	29.4	20.6	67	<0.1	6.3	8.3	986	2.78	3.4	0.7	2.1	6.3	18	0.1	0.3	0.4	19	0.25	0.042
1119508	Soil		0.8	17.6	9.9	52	0.2	12.5	6.4	416	2.47	3.5	1.2	4.2	16.8	22	0.3	0.5	0.1	26	0.41	0.031
1119509	Soil		1.1	55.4	17.3	100	0.2	35.3	21.5	845	4.51	3.2	0.8	9.0	14.2	14	0.3	0.8	0.2	41	0.23	0.053
1119510	Soil		1.3	19.3	11.4	70	<0.1	17.8	10.7	623	3.85	10.3	0.6	3.1	6.9	11	0.5	0.8	0.2	56	0.10	0.038
1119511	Soil		1.2	24.9	10.7	67	<0.1	24.1	11.4	510	3.27	10.5	0.8	4.9	8.7	16	0.1	0.5	<0.1	54	0.16	0.041
1119512	Soil		1.7	21.4	12.5	64	<0.1	24.9	9.5	289	3.19	8.1	0.5	3.2	3.7	12	<0.1	0.4	<0.1	67	0.10	0.031
1119513	Soil		1.0	28.7	39.5	71	<0.1	12.5	8.3	746	2.74	1.1	0.6	0.7	13.5	13	0.2	<0.1	<0.1	19	0.21	0.053
1119514	Soil		1.1	43.2	40.4	101	<0.1	17.7	11.5	673	3.70	1.7	0.8	2.4	11.8	15	0.2	0.3	0.1	30	0.26	0.068
1119519	Soil		1.1	55.3	11.1	102	<0.1	28.0	19.3	1040	4.66	2.6	0.9	3.9	8.9	23	<0.1	0.3	<0.1	101	0.33	0.039
1119518	Soil		0.7	27.5	17.9	90	<0.1	62.0	24.0	1266	4.77	1.0	1.4	2.5	11.3	20	<0.1	<0.1	<0.1	90	0.29	0.069
1119517	Soil		1.4	37.5	17.4	85	<0.1	28.6	12.6	691	3.47	4.1	1.3	3.4	14.8	20	<0.1	0.2	<0.1	43	0.22	0.041
1119515	Soil		1.2	42.2	23.9	103	0.1	26.2	12.9	706	4.02	2.1	1.2	3.2	13.7	44	<0.1	0.1	<0.1	21	0.09	0.048
1119520	Soil		0.9	63.1	12.3	100	0.3	30.9	15.7	701	4.13	5.8	0.8	4.7	5.7	27	<0.1	0.1	<0.1	89	0.48	0.058
1119521	Soil		0.8	46.8	8.6	75	0.1	31.9	12.8	465	3.05	5.0	0.6	3.8	6.2	23	0.2	0.3	0.1	67	0.49	0.060
1119522	Soil		0.6	91.9	6.9	52	0.2	34.1	24.7	725	3.16	4.2	0.4	1.2	2.6	21	0.1	0.3	<0.1	87	0.55	0.045
1119523	Soil		0.6	67.5	7.5	86	0.3	39.7	17.0	516	3.63	6.3	1.0	1.7	3.5	38	0.2	0.4	0.2	96	0.90	0.061
1119505	Soil		1.1	24.9	18.6	63	<0.1	6.1	7.3	890	2.91	4.1	0.6	1.3	5.1	14	<0.1	0.2	0.2	19	0.19	0.037
1119501	Soil		1.6	58.4	18.7	98	<0.1	53.9	22.9	683	4.74	1.1	0.6	0.6	23.6	14	0.1	<0.1	<0.1	76	0.21	0.044
1119503	Soil		1.7	72.6	7.7	106	<0.1	112.9	33.2	1197	5.70	1.7	0.4	1.4	3.7	19	0.3	<0.1	<0.1	166	0.41	0.141
1119506	Soil		2.2	13.4	11.4	121	<0.1	12.5	24.5	1220	7.28	1.4	0.5	<0.5	4.6	11	<0.1	<0.1	0.1	153	0.26	0.065
1119507	Soil		2.8	58.1	18.5	75	0.3	23.7	12.8	626	3.29	1.2	1.0	1.4	7.4	18	0.2	0.1	0.1	42	0.71	0.059
1119528	Soil		1.0	16.5	9.6	68	<0.1	15.8	10.9	497	2.78	8.3	0.5	2.8	3.5	21	0.1	0.3	0.1	49	0.48	0.052
1119531	Soil		1.1	38.8	12.7	68	<0.1	17.4	11.0	503	3.55	9.0	0.8	2.7	5.1	17	0.1	0.3	0.3	52	0.24	0.046
1119526	Soil		0.7	30.9	10.7	82	0.1	24.8	15.5	760	3.58	5.3	1.3	2.3	5.2	25	0.3	0.3	0.1	75	0.64	0.054
1119527	Soil		0.9	19.1	9.0	61	0.1	17.4	10.5	368	2.70	6.4	0.7	1.5	3.1	21	<0.1	0.3	0.1	50	0.34	0.053

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1118115	Soil	14	22	0.66	359	0.035	2	1.86	0.010	0.06	0.2	0.04	4.8	0.2	<0.05	6	0.6	<0.2
1118495	Soil	26	28	0.58	200	0.056	2	2.39	0.013	0.11	0.2	0.03	4.4	0.1	<0.05	6	0.5	<0.2
1118496	Soil	10	28	0.75	177	0.085	3	2.37	0.009	0.14	0.2	0.02	3.4	0.1	<0.05	7	0.6	<0.2
1118498	Soil	11	29	0.74	215	0.102	2	2.27	0.009	0.16	0.2	0.03	3.5	0.2	<0.05	7	0.6	<0.2
1118499	Soil	12	33	0.83	245	0.100	3	2.48	0.010	0.21	0.2	0.02	4.0	0.2	<0.05	8	0.7	<0.2
1119504	Soil	10	7	0.15	406	0.002	<1	1.05	0.003	0.16	<0.1	<0.01	7.1	0.2	<0.05	3	0.9	<0.2
1119508	Soil	40	17	0.32	211	0.017	<1	1.36	0.009	0.14	<0.1	0.03	6.4	<0.1	<0.05	4	<0.5	<0.2
1119509	Soil	41	29	0.99	344	0.006	<1	1.84	0.005	0.14	0.1	<0.01	6.6	<0.1	0.09	5	1.2	0.2
1119510	Soil	15	29	0.42	223	0.026	2	2.18	0.007	0.11	0.1	0.02	4.8	<0.1	<0.05	6	0.7	<0.2
1119511	Soil	15	29	0.48	263	0.045	<1	1.91	0.008	0.10	0.1	0.02	4.9	<0.1	<0.05	5	1.0	<0.2
1119512	Soil	10	30	0.42	198	0.023	<1	2.36	0.007	0.07	0.1	0.01	3.2	0.1	<0.05	6	1.0	<0.2
1119513	Soil	38	11	0.40	528	0.004	<1	1.21	0.005	0.17	<0.1	<0.01	4.0	0.1	<0.05	3	1.2	<0.2
1119514	Soil	35	17	0.52	657	0.009	<1	1.54	0.005	0.16	<0.1	<0.01	4.8	0.1	<0.05	4	0.7	<0.2
1119519	Soil	25	46	1.47	326	0.016	<1	2.65	0.008	0.08	0.1	0.02	11.4	<0.1	<0.05	9	0.5	<0.2
1119518	Soil	44	135	2.42	513	0.005	<1	3.07	0.005	0.08	<0.1	<0.01	9.1	<0.1	<0.05	11	0.6	<0.2
1119517	Soil	42	26	0.51	290	0.025	<1	1.68	0.008	0.11	<0.1	0.02	4.8	<0.1	<0.05	5	0.8	<0.2
1119515	Soil	31	12	0.21	304	0.004	<1	1.16	0.016	0.14	0.1	<0.01	4.1	<0.1	<0.05	2	1.6	<0.2
1119520	Soil	18	52	1.24	283	0.057	<1	2.38	0.017	0.08	0.1	0.03	8.7	<0.1	<0.05	8	<0.5	<0.2
1119521	Soil	23	47	1.02	269	0.031	1	1.79	0.012	0.06	0.1	0.03	6.6	<0.1	<0.05	6	<0.5	<0.2
1119522	Soil	11	86	1.12	356	0.036	2	1.81	0.010	0.04	<0.1	0.03	9.7	<0.1	<0.05	5	<0.5	<0.2
1119523	Soil	14	95	1.18	287	0.050	<1	2.20	0.014	0.05	0.3	0.05	10.7	<0.1	<0.05	7	<0.5	<0.2
1119505	Soil	8	6	0.16	279	0.003	<1	1.03	0.004	0.14	<0.1	0.01	6.2	0.2	<0.05	3	<0.5	<0.2
1119501	Soil	71	64	0.92	348	0.076	1	2.37	0.006	0.37	<0.1	<0.01	6.5	2.8	<0.05	8	<0.5	<0.2
1119503	Soil	15	192	2.62	407	0.161	2	3.43	0.009	0.38	<0.1	0.02	9.4	0.4	<0.05	13	<0.5	<0.2
1119506	Soil	10	14	1.66	521	0.134	1	3.79	0.007	0.74	0.1	<0.01	16.1	0.3	<0.05	11	<0.5	<0.2
1119507	Soil	36	27	0.60	223	0.012	<1	1.54	0.005	0.11	<0.1	0.02	2.9	<0.1	0.05	7	<0.5	<0.2
1119528	Soil	14	25	0.52	162	0.026	2	1.29	0.008	0.07	0.1	0.02	3.2	<0.1	<0.05	4	<0.5	<0.2
1119531	Soil	14	19	0.39	330	0.016	<1	1.25	0.006	0.09	0.1	0.01	5.1	<0.1	<0.05	3	<0.5	<0.2
1119526	Soil	20	35	0.86	300	0.034	2	2.11	0.011	0.08	<0.1	0.03	7.3	<0.1	<0.05	7	<0.5	<0.2
1119527	Soil	15	28	0.56	273	0.029	<1	1.69	0.009	0.06	0.1	0.03	3.6	<0.1	<0.05	5	<0.5	<0.2

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Project: CHA
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS DAW11000050.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1119529	Soil	1.0	16.2	10.0	74	<0.1	12.7	9.0	373	2.50	4.2	0.7	0.6	8.2	25	0.2	0.2	0.1	38	0.54	0.046
1119516	Soil	0.9	33.1	55.6	101	<0.1	12.8	15.9	1773	4.16	3.4	1.3	1.2	12.9	13	0.2	0.2	0.3	51	0.13	0.043
1119524	Soil	0.8	32.8	8.1	82	0.1	24.3	11.0	436	2.98	4.9	1.2	3.1	3.6	32	0.2	0.3	0.1	65	0.68	0.049
1119530	Soil	0.9	21.8	9.6	65	0.1	17.5	9.8	423	2.87	7.5	0.9	4.1	3.5	26	0.1	0.3	0.1	57	0.50	0.046
1119573	Soil	1.5	13.4	4.9	39	<0.1	7.4	7.9	322	3.13	4.8	0.9	<0.5	3.9	9	<0.1	0.4	0.1	54	0.12	0.037
1119552	Soil	1.2	24.2	10.2	57	<0.1	11.6	6.5	226	2.61	5.9	0.5	0.8	2.5	10	0.2	0.3	0.2	70	0.12	0.045
1119558	Soil	1.3	36.1	5.6	58	<0.1	45.7	22.4	991	4.68	4.1	0.7	1.3	2.1	16	0.2	0.4	<0.1	100	0.34	0.057
1119557	Soil	1.6	18.2	9.8	47	<0.1	5.8	7.1	292	2.45	3.5	0.7	1.0	2.1	14	0.1	0.4	0.1	35	0.15	0.042
1119563	Soil	0.9	28.2	7.3	53	<0.1	12.3	10.6	649	2.95	2.5	0.7	1.0	3.0	16	0.1	0.3	<0.1	35	0.21	0.037
1119567	Soil	0.7	43.0	7.5	52	<0.1	13.1	8.4	373	2.64	3.4	0.7	2.1	2.8	20	<0.1	0.3	0.1	48	0.34	0.043
1119559	Soil	1.0	17.9	5.9	53	<0.1	19.1	14.3	466	3.39	5.9	0.7	2.2	3.0	18	0.2	0.7	0.1	98	0.34	0.057
1119564	Soil	1.1	124.1	17.2	92	<0.1	4.3	6.7	654	2.35	0.6	0.8	1.9	5.0	17	0.2	0.4	0.7	19	0.27	0.041
1119561	Soil	0.8	8.1	7.4	34	<0.1	3.0	6.0	245	2.31	1.7	0.4	0.6	3.3	11	<0.1	0.2	<0.1	38	0.11	0.029
1119568	Soil	1.0	51.1	7.8	63	<0.1	14.6	11.5	473	3.10	2.4	0.7	3.1	4.0	19	0.1	0.4	0.1	55	0.28	0.031
1119562	Soil	0.8	13.8	11.2	48	<0.1	8.7	9.2	382	2.80	2.2	0.5	<0.5	4.1	10	<0.1	0.3	0.1	51	0.15	0.027
1119565	Soil	0.8	17.2	9.2	64	<0.1	7.4	9.8	628	2.78	1.5	0.6	1.7	2.8	13	0.1	0.8	<0.1	43	0.24	0.052
1119570	Soil	0.7	22.5	12.9	55	<0.1	15.1	9.6	302	2.68	4.8	0.7	2.4	3.9	16	0.1	0.4	0.2	53	0.20	0.036
1119574	Soil	1.1	18.5	7.5	84	<0.1	11.1	10.5	679	3.02	3.4	0.7	1.2	3.2	10	0.2	0.3	0.2	52	0.12	0.028
1119569	Soil	0.9	33.5	8.0	67	<0.1	17.0	12.3	440	3.19	3.6	0.7	4.6	3.8	20	0.1	0.5	0.2	62	0.34	0.044
1119553	Soil	1.6	11.3	3.9	30	<0.1	39.0	17.4	221	3.92	4.3	0.5	<0.5	2.6	11	0.2	0.3	0.1	102	0.18	0.059
1119577	Soil	1.1	11.8	9.4	41	<0.1	9.9	9.1	530	2.69	2.6	1.0	0.5	2.4	32	0.2	0.2	0.2	41	0.63	0.043
1119571	Soil	0.8	16.9	26.8	54	<0.1	13.6	8.2	383	2.62	5.0	0.6	1.6	4.0	20	0.1	1.2	0.2	43	0.33	0.043
1119554	Soil	0.9	12.2	3.2	48	<0.1	10.6	23.8	727	5.84	4.8	0.5	0.9	2.1	17	<0.1	0.8	<0.1	160	0.38	0.066
1119556	Soil	1.2	39.5	8.1	90	<0.1	16.6	13.0	1105	3.72	3.2	0.9	0.9	4.7	20	0.3	0.5	0.2	54	0.25	0.054
1119555	Soil	0.6	26.9	8.1	57	<0.1	21.5	8.3	258	2.48	7.2	0.6	9.3	1.9	28	0.2	0.4	0.1	52	0.35	0.069
1119572	Soil	0.7	20.4	10.1	55	<0.1	14.3	9.6	441	2.86	5.7	1.0	2.4	3.1	33	<0.1	0.5	0.2	58	0.62	0.047
1119578	Soil	1.3	12.1	10.4	52	<0.1	11.9	10.8	711	3.33	2.7	1.0	1.0	3.8	27	0.1	0.3	0.1	46	0.55	0.041
1119566	Soil	1.1	22.2	11.1	53	<0.1	11.8	11.1	501	2.85	4.3	0.6	0.8	3.0	9	0.1	0.6	0.1	47	0.10	0.025
1119560	Soil	0.9	20.5	7.3	59	0.2	18.2	14.8	1004	3.38	5.5	1.1	1.8	1.9	30	0.1	0.6	0.1	91	0.49	0.055
1119576	Soil	2.6	21.8	44.5	112	0.4	20.3	7.9	264	2.84	9.2	1.4	1.9	3.4	33	0.4	0.4	0.3	65	0.51	0.061

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Project: CHA
Report Date: August 10, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1119529	Soil		25	18	0.53	181	0.020	1	1.22	0.009	0.10	0.3	0.02	2.8	<0.1	<0.05	4	<0.5	<0.2
1119516	Soil		37	19	0.74	896	0.022	1	2.03	0.009	0.13	<0.1	0.02	6.4	<0.1	<0.05	8	<0.5	<0.2
1119524	Soil		17	42	0.83	243	0.036	<1	1.95	0.012	0.06	0.1	0.03	5.3	<0.1	<0.05	6	<0.5	<0.2
1119530	Soil		15	32	0.57	406	0.036	1	1.71	0.011	0.07	0.2	0.03	4.8	<0.1	<0.05	5	<0.5	<0.2
1119573	Soil		10	11	0.58	144	0.006	<1	1.89	0.006	0.07	0.2	0.02	4.6	<0.1	<0.05	5	<0.5	<0.2
1119552	Soil		11	18	0.27	261	0.030	<1	1.54	0.007	0.07	0.1	0.01	2.4	0.1	<0.05	7	<0.5	<0.2
1119558	Soil		11	81	1.21	759	0.018	<1	2.22	0.007	0.13	<0.1	0.03	18.3	<0.1	<0.05	7	<0.5	<0.2
1119557	Soil		11	7	0.19	594	0.006	<1	1.25	0.007	0.09	<0.1	0.01	2.2	<0.1	<0.05	4	<0.5	<0.2
1119563	Soil		10	14	0.49	689	0.007	<1	1.43	0.006	0.10	<0.1	<0.01	5.0	<0.1	<0.05	3	<0.5	<0.2
1119567	Soil		14	19	0.63	524	0.027	<1	1.55	0.008	0.12	0.1	0.03	6.3	<0.1	<0.05	5	<0.5	<0.2
1119559	Soil		14	28	1.17	398	0.034	1	2.33	0.012	0.09	<0.1	0.02	9.0	<0.1	<0.05	7	<0.5	<0.2
1119564	Soil		13	4	0.29	345	0.001	<1	1.07	0.005	0.10	<0.1	0.01	3.5	<0.1	<0.05	2	<0.5	<0.2
1119561	Soil		9	7	0.43	540	0.018	<1	1.37	0.007	0.11	<0.1	<0.01	4.5	<0.1	<0.05	6	<0.5	<0.2
1119568	Soil		13	22	0.75	599	0.031	2	1.64	0.007	0.14	0.2	0.02	7.0	<0.1	<0.05	5	0.5	<0.2
1119562	Soil		15	15	0.73	283	0.033	<1	1.80	0.006	0.14	0.1	<0.01	3.8	<0.1	<0.05	6	<0.5	<0.2
1119565	Soil		12	11	0.51	460	0.011	<1	1.38	0.005	0.13	<0.1	0.02	5.4	<0.1	<0.05	4	<0.5	<0.2
1119570	Soil		13	23	0.48	332	0.035	<1	1.59	0.009	0.11	0.1	0.02	4.8	<0.1	<0.05	5	<0.5	<0.2
1119574	Soil		9	18	0.42	215	0.013	<1	1.47	0.006	0.11	0.1	0.03	4.5	<0.1	<0.05	5	<0.5	<0.2
1119569	Soil		11	27	0.89	633	0.054	1	1.90	0.009	0.18	0.1	0.01	6.6	<0.1	<0.05	6	<0.5	<0.2
1119553	Soil		13	76	1.18	442	0.087	2	2.81	0.008	0.12	<0.1	0.01	8.2	<0.1	<0.05	8	<0.5	<0.2
1119577	Soil		11	22	0.75	407	0.033	1	1.38	0.011	0.18	0.2	0.04	5.4	<0.1	0.06	4	0.5	<0.2
1119571	Soil		12	19	0.58	224	0.018	1	1.42	0.007	0.10	0.1	<0.01	3.5	<0.1	<0.05	3	<0.5	<0.2
1119554	Soil		8	11	1.21	490	0.005	<1	3.15	0.005	0.09	0.1	0.01	16.3	0.1	<0.05	8	<0.5	<0.2
1119556	Soil		17	20	0.63	508	0.031	<1	1.90	0.008	0.15	<0.1	0.04	9.8	<0.1	<0.05	5	<0.5	<0.2
1119555	Soil		13	28	0.58	332	0.058	2	1.68	0.012	0.06	0.2	0.04	4.0	<0.1	<0.05	5	<0.5	<0.2
1119572	Soil		12	22	0.59	458	0.014	<1	1.80	0.011	0.08	0.2	0.04	6.5	<0.1	<0.05	5	0.5	<0.2
1119578	Soil		14	29	0.91	428	0.034	1	1.61	0.010	0.22	0.2	0.03	6.5	0.1	<0.05	5	<0.5	<0.2
1119566	Soil		12	19	0.50	221	0.016	<1	1.83	0.006	0.12	<0.1	0.02	4.4	<0.1	<0.05	5	<0.5	<0.2
1119560	Soil		13	29	0.92	754	0.037	<1	2.31	0.014	0.07	0.1	0.07	12.2	0.1	<0.05	6	0.6	<0.2
1119576	Soil		14	22	0.56	421	0.011	1	1.86	0.010	0.09	0.3	0.06	5.1	0.1	<0.05	6	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1119575	Soil		2.8	26.2	48.4	134	0.4	23.3	9.0	310	3.26	10.4	1.7	3.1	4.0	37	0.5	0.4	0.4	74	0.51	0.060
1119551	Soil		0.9	41.0	7.6	76	<0.1	22.6	11.9	624	4.38	4.7	0.8	1.5	3.5	14	0.2	0.7	0.2	76	0.28	0.066
1117854	Soil		1.6	48.3	7.9	88	0.1	73.8	17.6	546	4.18	5.2	0.5	1.0	2.9	16	0.2	0.3	0.1	123	0.23	0.064
1119595	Soil		0.6	33.6	6.8	56	<0.1	20.5	12.0	406	3.03	6.3	0.6	1.9	2.6	22	<0.1	0.4	0.1	66	0.37	0.065
1119599	Soil		0.8	132.4	8.7	111	0.1	29.6	24.4	1622	5.62	0.7	1.0	<0.5	6.9	24	0.2	0.5	0.2	133	0.82	0.145
1117851	Soil		0.6	32.5	4.4	66	<0.1	25.9	19.4	746	4.18	2.8	0.3	1.3	1.6	21	0.2	0.5	0.1	110	0.37	0.029
1117856	Soil		1.4	59.5	18.8	147	<0.1	80.4	20.2	599	5.38	1.1	0.6	<0.5	15.1	14	0.2	<0.1	<0.1	99	0.32	0.124
1119596	Soil		0.6	55.4	5.6	73	<0.1	28.8	16.9	595	3.98	5.7	0.8	2.9	3.0	28	0.1	0.4	0.1	98	0.55	0.064
1119600	Soil		0.7	116.7	8.5	107	0.1	28.0	23.0	1626	5.25	0.7	0.9	<0.5	6.7	23	0.2	0.4	0.2	123	0.79	0.149
1119597	Soil		0.8	41.1	6.2	69	<0.1	27.7	19.2	461	4.72	7.0	0.3	0.8	2.2	14	0.1	0.4	0.1	114	0.20	0.037
1117852	Soil		2.2	75.4	9.4	117	<0.1	203.8	37.5	1127	6.12	1.8	0.7	<0.5	14.3	10	0.3	0.3	<0.1	143	0.22	0.082
1119598	Soil		0.6	81.2	4.2	97	<0.1	19.3	24.7	926	5.84	2.9	0.3	0.8	1.6	21	0.2	0.3	<0.1	149	0.42	0.046
1117855	Soil		1.4	58.6	19.3	148	<0.1	82.2	20.0	627	5.41	<0.5	0.7	<0.5	15.1	14	0.1	<0.1	<0.1	104	0.34	0.130
1117853	Soil		2.1	66.9	13.9	170	<0.1	58.2	24.6	619	4.68	3.7	0.7	<0.5	5.1	20	0.4	0.2	0.3	91	0.33	0.106
1119550	Soil		0.4	86.1	1.4	78	<0.1	12.6	26.5	1778	6.47	1.0	0.2	<0.5	1.3	40	<0.1	<0.1	<0.1	163	1.20	0.397
1119586	Soil		0.9	54.2	6.9	84	<0.1	43.3	20.3	579	4.49	6.8	0.7	1.2	4.4	27	0.1	0.5	0.2	107	0.36	0.073
1119589	Soil		0.2	33.5	2.4	97	<0.1	18.0	19.2	819	5.33	2.5	0.4	0.6	1.3	48	0.1	0.3	<0.1	177	1.85	0.692
1119591	Soil		<0.1	65.9	0.5	52	<0.1	6.6	15.0	545	3.54	1.0	<0.1	<0.5	0.2	24	<0.1	0.2	<0.1	113	2.33	0.868
1119546	Soil		1.1	27.1	9.9	60	<0.1	26.3	9.9	367	2.78	9.9	1.0	3.2	2.6	25	0.1	0.6	0.2	61	0.28	0.042
1119541	Soil		1.6	27.2	11.0	55	0.3	22.4	9.0	387	2.59	12.4	1.0	2.6	0.9	24	0.2	0.5	0.3	58	0.24	0.069
1119544	Soil		1.2	24.9	9.9	53	0.1	20.6	8.0	301	2.62	9.2	0.9	2.4	1.3	18	0.1	0.4	0.2	60	0.22	0.050
1119542	Soil		1.4	24.1	10.4	55	0.2	22.4	10.3	448	2.71	9.5	0.9	1.9	1.2	19	0.1	0.4	0.2	60	0.22	0.058
1119502	Soil		0.8	35.2	37.2	443	<0.1	31.6	23.7	1128	6.21	1.9	0.4	0.8	9.7	23	1.4	<0.1	<0.1	112	0.54	0.106
1119525	Soil		1.0	42.7	12.2	95	0.2	30.3	15.5	657	3.67	6.2	0.6	1.3	7.0	24	0.3	0.5	0.2	80	0.66	0.063
1119537	Soil		1.4	22.4	17.0	60	0.2	22.5	9.2	336	3.77	18.0	0.7	3.7	1.2	30	0.2	1.0	0.4	70	0.22	0.086
1119540	Soil		1.1	25.7	10.1	57	<0.1	24.2	11.2	323	2.99	11.6	1.1	3.0	3.9	17	0.1	0.5	0.2	60	0.15	0.057
1119536	Soil		1.3	22.5	10.6	79	0.2	21.2	11.4	841	3.33	12.7	0.7	3.7	1.3	13	0.6	0.9	0.3	70	0.09	0.060
1119538	Soil		1.3	15.1	10.7	51	0.1	17.1	9.4	385	3.18	12.0	0.5	3.4	1.4	27	0.3	0.6	0.2	64	0.24	0.054
1119543	Soil		1.1	25.8	9.7	58	0.2	22.0	8.7	364	2.83	9.5	1.1	2.8	1.3	22	<0.1	0.5	0.2	61	0.22	0.060
1119547	Soil		1.1	21.2	10.5	59	<0.1	27.4	9.9	314	3.13	9.2	1.1	1.3	4.5	20	<0.1	0.7	0.2	59	0.17	0.032

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

Project: CHA
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS DAW11000050.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1119575	Soil	16	26	0.65	496	0.010	<1	2.04	0.008	0.10	0.3	0.06	6.1	0.1	<0.05	6	0.6	<0.2
1119551	Soil	12	31	0.70	486	0.008	<1	2.40	0.007	0.06	0.1	0.03	9.5	<0.1	<0.05	6	<0.5	<0.2
1117854	Soil	6	111	1.37	230	0.123	<1	2.79	0.011	0.05	<0.1	0.02	6.3	0.1	<0.05	10	<0.5	<0.2
1119595	Soil	12	30	0.73	278	0.060	1	1.98	0.014	0.06	0.1	0.02	5.8	<0.1	<0.05	5	0.7	<0.2
1119599	Soil	33	38	2.11	740	0.206	<1	3.12	0.011	0.80	0.2	0.01	14.0	0.2	<0.05	13	<0.5	<0.2
1117851	Soil	7	63	1.06	172	0.023	<1	2.05	0.006	0.06	0.2	0.01	9.3	<0.1	<0.05	8	<0.5	<0.2
1117856	Soil	39	143	2.12	280	0.168	<1	3.81	0.005	0.41	<0.1	<0.01	6.7	0.3	<0.05	14	<0.5	<0.2
1119596	Soil	11	50	1.22	330	0.055	<1	2.60	0.016	0.07	0.1	0.03	11.4	<0.1	<0.05	7	<0.5	<0.2
1119600	Soil	30	38	2.10	688	0.203	<1	3.25	0.008	0.75	0.1	0.02	13.0	0.2	<0.05	12	<0.5	<0.2
1119597	Soil	6	46	1.25	158	0.032	1	3.49	0.010	0.06	<0.1	0.01	8.8	<0.1	<0.05	8	0.5	<0.2
1117852	Soil	42	338	3.42	168	0.030	<1	4.81	0.005	0.06	<0.1	<0.01	9.1	<0.1	<0.05	16	0.8	<0.2
1119598	Soil	5	32	1.39	399	0.015	<1	3.71	0.010	0.06	<0.1	0.03	13.6	<0.1	<0.05	10	0.7	<0.2
1117855	Soil	40	148	2.21	306	0.184	<1	4.03	0.006	0.44	<0.1	<0.01	7.3	0.2	<0.05	14	<0.5	<0.2
1117853	Soil	14	90	1.63	260	0.120	1	3.93	0.010	0.23	0.2	0.01	6.4	0.5	<0.05	10	0.9	<0.2
1119550	Soil	4	16	2.08	285	0.025	<1	3.81	0.019	0.07	<0.1	<0.01	15.5	<0.1	<0.05	8	0.6	<0.2
1119586	Soil	16	70	1.21	408	0.081	<1	3.02	0.015	0.08	0.1	0.03	9.4	0.1	<0.05	7	0.7	<0.2
1119589	Soil	6	41	1.75	442	0.054	<1	2.87	0.024	0.20	<0.1	0.02	20.3	<0.1	<0.05	8	<0.5	<0.2
1119591	Soil	1	16	0.90	192	0.029	<1	1.59	0.045	0.10	<0.1	0.02	15.2	<0.1	<0.05	3	0.8	<0.2
1119546	Soil	15	36	0.53	346	0.058	<1	1.61	0.011	0.05	0.2	0.04	4.3	<0.1	<0.05	5	<0.5	<0.2
1119541	Soil	11	29	0.40	446	0.039	<1	1.54	0.010	0.06	0.2	0.07	2.8	0.1	<0.05	5	0.9	<0.2
1119544	Soil	12	30	0.48	292	0.050	<1	1.71	0.008	0.05	0.2	0.04	2.8	0.1	<0.05	5	0.7	<0.2
1119542	Soil	12	29	0.48	349	0.044	1	1.77	0.010	0.05	0.2	0.06	2.8	0.1	<0.05	5	0.5	<0.2
1119502	Soil	31	101	2.92	377	0.158	<1	4.03	0.008	0.33	<0.1	<0.01	14.5	0.2	<0.05	15	<0.5	<0.2
1119525	Soil	23	51	0.98	249	0.037	<1	2.31	0.010	0.10	0.1	0.03	7.9	<0.1	<0.05	7	<0.5	<0.2
1119537	Soil	12	32	0.44	505	0.062	3	1.66	0.009	0.07	0.3	0.07	2.6	<0.1	<0.05	6	<0.5	<0.2
1119540	Soil	12	35	0.51	194	0.066	2	2.51	0.010	0.06	0.2	0.04	4.3	<0.1	<0.05	5	<0.5	<0.2
1119536	Soil	10	31	0.42	273	0.057	2	1.88	0.007	0.05	0.2	0.06	2.5	0.1	<0.05	7	<0.5	<0.2
1119538	Soil	9	26	0.41	229	0.063	1	1.58	0.012	0.06	0.2	0.03	2.3	<0.1	<0.05	7	<0.5	<0.2
1119543	Soil	14	31	0.51	365	0.052	2	1.79	0.010	0.06	0.2	0.05	2.9	0.1	<0.05	5	<0.5	<0.2
1119547	Soil	19	37	0.50	269	0.043	2	1.82	0.009	0.06	0.1	0.03	4.5	0.1	<0.05	6	<0.5	<0.2

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Project: CHA
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS DAW11000050.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1119545	Soil		1.1	19.8	8.1	52	0.2	19.1	8.5	370	2.43	7.7	0.8	1.6	0.9	23	<0.1	0.5	0.2	51	0.24	0.055
1119548	Soil		0.7	31.4	8.6	69	0.1	231.7	19.9	465	3.10	11.7	1.6	3.2	3.4	28	<0.1	0.5	0.2	59	0.30	0.042
1119549	Soil		0.6	113.7	6.2	89	<0.1	40.4	32.6	1533	7.79	2.9	0.8	0.9	1.5	12	<0.1	2.7	<0.1	216	0.34	0.095
1119587	Soil		0.3	74.0	2.4	76	<0.1	20.1	22.9	628	4.85	2.9	0.4	1.6	1.7	36	<0.1	0.2	<0.1	108	0.88	0.222
1119594	Soil		0.7	34.3	6.0	55	<0.1	20.5	13.4	398	3.32	7.8	0.6	2.6	2.6	18	<0.1	0.4	0.1	77	0.24	0.052
1119590	Soil		0.2	32.5	1.6	99	<0.1	18.3	19.3	894	5.55	2.1	0.4	1.3	1.4	63	0.2	0.3	<0.1	183	2.25	0.771
1119588	Soil		0.5	49.3	3.5	85	<0.1	17.9	22.6	643	5.04	4.5	0.5	0.9	2.6	38	<0.1	0.3	<0.1	123	0.71	0.246
1119592	Soil		0.6	39.8	6.5	56	<0.1	22.9	15.7	458	3.37	7.6	0.7	1.3	2.9	25	<0.1	0.4	0.1	85	0.43	0.105
1119593	Soil		0.4	78.8	2.0	83	<0.1	26.9	28.6	1128	5.63	3.6	0.4	1.0	1.3	44	<0.1	0.2	<0.1	115	0.74	0.172

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Project: CHA
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS DAW11000050.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1119545	Soil	11	25	0.44	323	0.048	1	1.44	0.010	0.05	0.2	0.04	2.3	<0.1	<0.05	5	<0.5	<0.2
1119548	Soil	16	135	1.85	444	0.071	2	1.89	0.020	0.06	0.1	0.06	5.5	<0.1	<0.05	5	<0.5	<0.2
1119549	Soil	7	33	0.26	463	0.012	<1	0.85	0.003	0.08	2.6	0.04	37.8	<0.1	<0.05	3	<0.5	<0.2
1119587	Soil	6	42	1.61	424	0.083	1	2.68	0.024	0.11	<0.1	0.02	11.2	<0.1	<0.05	6	<0.5	<0.2
1119594	Soil	9	36	0.73	189	0.076	<1	2.32	0.013	0.06	0.1	0.03	5.3	<0.1	<0.05	6	<0.5	<0.2
1119590	Soil	6	41	1.75	454	0.060	2	2.71	0.027	0.24	<0.1	<0.01	21.5	<0.1	<0.05	8	<0.5	<0.2
1119588	Soil	8	35	1.82	311	0.069	<1	3.42	0.016	0.07	<0.1	0.01	8.5	<0.1	<0.05	8	<0.5	<0.2
1119592	Soil	12	38	0.83	251	0.061	1	2.28	0.017	0.06	<0.1	0.02	7.2	<0.1	<0.05	6	<0.5	<0.2
1119593	Soil	7	25	1.94	516	0.034	<1	3.31	0.017	0.13	<0.1	0.01	13.3	<0.1	<0.05	8	<0.5	<0.2

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Project: CHA
Report Date: August 10, 2011

QUALITY CONTROL REPORT DAW11000050.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																						
1117915	Soil		0.8	23.4	14.9	62	0.2	16.5	8.3	147	2.41	8.0	1.0	3.0	2.8	24	0.3	0.5	0.2	49	0.21	0.045
REP 1117915	QC		0.8	23.9	15.1	64	0.3	17.0	8.2	146	2.43	8.8	1.0	2.8	2.8	25	0.2	0.6	0.2	47	0.22	0.046
1117904	Soil		0.7	11.2	16.6	61	0.2	14.1	10.2	353	2.37	6.3	0.9	2.7	2.1	36	0.3	0.5	0.2	50	0.22	0.050
REP 1117904	QC		0.8	11.9	17.3	64	0.2	15.0	10.8	385	2.51	7.2	1.0	3.9	2.3	38	0.3	0.5	0.2	54	0.23	0.055
1117742	Soil		1.0	21.9	15.3	59	0.1	14.1	8.9	359	2.83	10.2	0.8	6.5	1.6	40	0.1	1.0	0.2	55	0.16	0.046
REP 1117742	QC		0.9	21.6	15.4	57	0.1	14.0	8.6	355	2.79	10.5	0.9	6.1	1.5	39	0.2	0.9	0.3	55	0.16	0.047
1117691	Soil		1.0	13.1	12.8	65	0.1	11.0	9.2	485	2.60	6.8	0.6	1.7	1.7	20	0.7	1.1	0.4	65	0.28	0.058
REP 1117691	QC		1.2	12.6	12.8	66	0.1	11.2	8.9	489	2.58	6.5	0.6	2.6	1.6	20	0.7	1.1	0.4	64	0.28	0.057
1119513	Soil		1.0	28.7	39.5	71	<0.1	12.5	8.3	746	2.74	1.1	0.6	0.7	13.5	13	0.2	<0.1	<0.1	19	0.21	0.053
REP 1119513	QC		0.9	29.0	38.5	70	<0.1	12.3	8.2	720	2.72	1.0	0.6	1.6	13.9	13	<0.1	<0.1	<0.1	18	0.20	0.048
1119507	Soil		2.8	58.1	18.5	75	0.3	23.7	12.8	626	3.29	1.2	1.0	1.4	7.4	18	0.2	0.1	0.1	42	0.71	0.059
REP 1119507	QC		2.9	56.4	18.0	75	0.2	24.5	12.8	629	3.32	1.5	1.0	1.2	7.4	19	0.1	0.1	0.1	44	0.73	0.057
1119565	Soil		0.8	17.2	9.2	64	<0.1	7.4	9.8	628	2.78	1.5	0.6	1.7	2.8	13	0.1	0.8	<0.1	43	0.24	0.052
REP 1119565	QC		1.0	18.1	9.5	67	<0.1	8.0	10.3	662	2.99	1.9	0.7	1.5	2.9	14	0.1	0.8	<0.1	46	0.24	0.054
1119555	Soil		0.6	26.9	8.1	57	<0.1	21.5	8.3	258	2.48	7.2	0.6	9.3	1.9	28	0.2	0.4	0.1	52	0.35	0.069
REP 1119555	QC		0.7	26.9	8.3	57	0.1	21.0	8.3	249	2.44	7.8	0.7	2.3	2.0	28	0.1	0.5	0.2	53	0.35	0.068
1119591	Soil		<0.1	65.9	0.5	52	<0.1	6.6	15.0	545	3.54	1.0	<0.1	<0.5	0.2	24	<0.1	0.2	<0.1	113	2.33	0.868
REP 1119591	QC		<0.1	64.4	0.4	49	<0.1	6.4	14.9	535	3.57	0.9	<0.1	<0.5	0.2	23	<0.1	0.2	<0.1	113	2.29	0.855
1119538	Soil		1.3	15.1	10.7	51	0.1	17.1	9.4	385	3.18	12.0	0.5	3.4	1.4	27	0.3	0.6	0.2	64	0.24	0.054
REP 1119538	QC		1.1	15.5	10.6	52	0.1	17.5	9.5	390	3.17	11.9	0.5	0.9	1.4	27	0.9	0.6	0.2	64	0.23	0.053
Reference Materials																						
STD DS8	Standard		13.9	112.6	122.2	327	1.9	39.7	7.8	638	2.58	27.7	2.9	123.6	7.0	74	2.4	6.0	7.0	43	0.72	0.083
STD DS8	Standard		12.4	96.8	107.7	283	1.6	33.6	6.6	550	2.16	22.9	2.3	96.9	5.7	57	2.2	4.8	5.3	37	0.64	0.072
STD DS8	Standard		12.6	100.9	115.9	304	1.8	35.3	6.9	613	2.44	26.5	2.7	103.1	6.7	68	2.4	5.7	6.9	40	0.70	0.079
STD DS8	Standard		13.9	114.4	116.8	313	1.8	40.0	7.9	636	2.51	27.6	2.9	110.5	6.5	63	2.5	5.4	6.4	43	0.71	0.083
STD DS8	Standard		11.5	103.9	114.8	286	1.6	35.1	7.1	552	2.26	24.3	2.3	109.0	5.5	55	2.1	4.8	5.6	38	0.61	0.072
STD DS8	Standard		13.8	112.4	129.7	318	1.9	39.4	7.8	629	2.55	27.6	2.8	133.1	6.9	68	2.5	5.8	6.9	44	0.69	0.082
STD DS8	Standard		12.6	114.8	120.6	311	1.9	39.1	7.8	643	2.50	25.7	2.6	111.4	6.3	66	2.2	5.3	6.2	45	0.67	0.079

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

Project: CHA
Report Date: August 10, 2011

QUALITY CONTROL REPORT DAW11000050.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1117915	Soil	12	23	0.50	221	0.054	<1	1.71	0.010	0.06	0.2	0.04	4.0	0.1	<0.05	5	<0.5	<0.2
REP 1117915	QC	13	24	0.52	228	0.057	1	1.82	0.010	0.06	0.1	0.06	3.8	0.1	<0.05	5	<0.5	<0.2
1117904	Soil	8	28	0.60	146	0.075	<1	1.54	0.017	0.10	0.2	0.04	2.5	0.1	<0.05	5	<0.5	<0.2
REP 1117904	QC	8	31	0.66	154	0.078	<1	1.68	0.018	0.11	0.1	0.04	2.9	0.1	<0.05	6	<0.5	<0.2
1117742	Soil	8	25	0.54	190	0.059	<1	2.01	0.013	0.11	0.2	0.07	3.1	0.2	0.07	6	<0.5	<0.2
REP 1117742	QC	9	25	0.55	193	0.058	<1	2.00	0.014	0.10	0.1	0.06	3.0	0.2	0.06	6	<0.5	<0.2
1117691	Soil	10	18	0.51	255	0.027	3	1.60	0.011	0.06	0.3	0.03	3.6	<0.1	0.06	5	0.7	<0.2
REP 1117691	QC	10	18	0.50	253	0.026	3	1.57	0.011	0.06	0.2	0.04	3.4	<0.1	<0.05	6	0.8	<0.2
1119513	Soil	38	11	0.40	528	0.004	<1	1.21	0.005	0.17	<0.1	<0.01	4.0	0.1	<0.05	3	1.2	<0.2
REP 1119513	QC	37	11	0.40	530	0.004	<1	1.21	0.005	0.16	<0.1	<0.01	4.0	0.1	<0.05	3	0.7	<0.2
1119507	Soil	36	27	0.60	223	0.012	<1	1.54	0.005	0.11	<0.1	0.02	2.9	<0.1	0.05	7	<0.5	<0.2
REP 1119507	QC	36	27	0.61	229	0.012	1	1.59	0.005	0.11	<0.1	0.02	3.1	<0.1	0.06	7	0.6	<0.2
1119565	Soil	12	11	0.51	460	0.011	<1	1.38	0.005	0.13	<0.1	0.02	5.4	<0.1	<0.05	4	<0.5	<0.2
REP 1119565	QC	12	12	0.52	474	0.012	<1	1.47	0.005	0.13	<0.1	0.01	5.6	<0.1	<0.05	4	<0.5	<0.2
1119555	Soil	13	28	0.58	332	0.058	2	1.68	0.012	0.06	0.2	0.04	4.0	<0.1	<0.05	5	<0.5	<0.2
REP 1119555	QC	13	28	0.57	340	0.060	2	1.59	0.012	0.06	0.1	0.04	3.8	<0.1	<0.05	5	<0.5	<0.2
1119591	Soil	1	16	0.90	192	0.029	<1	1.59	0.045	0.10	<0.1	0.02	15.2	<0.1	<0.05	3	0.8	<0.2
REP 1119591	QC	1	16	0.87	186	0.031	<1	1.52	0.041	0.10	<0.1	0.02	14.8	<0.1	<0.05	3	<0.5	<0.2
1119538	Soil	9	26	0.41	229	0.063	1	1.58	0.012	0.06	0.2	0.03	2.3	<0.1	<0.05	7	<0.5	<0.2
REP 1119538	QC	9	26	0.41	230	0.064	2	1.63	0.013	0.06	0.2	0.04	2.4	<0.1	<0.05	7	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	16	120	0.64	292	0.132	3	0.95	0.102	0.45	3.1	0.21	2.5	5.7	0.14	5	6.0	5.4
STD DS8	Standard	14	102	0.54	254	0.102	1	0.85	0.088	0.38	2.7	0.18	2.1	4.7	0.09	4	4.8	4.7
STD DS8	Standard	15	113	0.61	293	0.117	2	0.95	0.090	0.42	3.0	0.22	2.1	5.3	0.15	5	5.5	5.2
STD DS8	Standard	15	122	0.62	281	0.120	2	0.95	0.092	0.41	3.0	0.21	2.6	5.3	0.18	5	6.1	4.9
STD DS8	Standard	11	102	0.55	238	0.093	3	0.80	0.076	0.37	2.7	0.19	2.0	5.0	0.15	4	5.1	4.5
STD DS8	Standard	15	119	0.63	294	0.120	4	0.95	0.091	0.42	3.1	0.21	2.4	5.6	0.17	5	5.9	5.0
STD DS8	Standard	13	119	0.63	279	0.110	3	0.94	0.105	0.44	2.8	0.20	2.7	5.3	0.14	5	5.3	4.6

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

Project: CHA
Report Date: August 10, 2011

QUALITY CONTROL REPORT DAW11000050.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8	Standard	13.4	110.6	121.1	306	1.8	37.9	8.1	589	2.39	25.0	2.7	104.1	6.5	63	2.3	5.9	6.3	41	0.67	0.078
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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

Project: CHA
Report Date: August 10, 2011

QUALITY CONTROL REPORT DAW11000050.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	14	117	0.58	280	0.119	2	0.87	0.082	0.42	3.0	0.20	2.1	5.2	0.16	5	5.3	5.4
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: July 25, 2011
Report Date: August 09, 2011
Page: 1 of 7

CERTIFICATE OF ANALYSIS DAW11000071.1

CLIENT JOB INFORMATION

Project: CHA
Shipment ID: 2011-CHA
P.O. Number
Number of Samples: 153

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	153	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	153	Dry at 60C			WHI
1DX2	152	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Vancouver BC V6C 1H2 Canada

Project: CHA
Report Date: August 09, 2011

CERTIFICATE OF ANALYSIS DAW11000071.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1117551	Soil		0.9	13.9	15.8	53	<0.1	13.2	7.7	263	2.42	6.0	0.7	8.5	2.6	26	0.1	0.5	0.3	51	0.20	0.034
1117552	Soil		0.9	14.6	14.3	55	0.1	13.5	8.4	338	2.39	7.3	0.8	11.7	3.6	25	0.3	0.5	0.3	45	0.27	0.044
1117553	Soil		0.8	15.2	19.1	69	0.1	15.0	9.0	389	2.85	7.6	0.6	8.5	3.2	20	0.3	0.6	0.3	54	0.17	0.032
1117554	Soil		1.1	20.7	31.0	96	0.3	21.2	13.0	672	3.60	12.0	0.9	6.4	3.7	18	0.3	0.7	0.3	67	0.17	0.056
1117555	Soil		0.9	17.5	14.8	68	0.1	17.3	7.9	274	2.79	9.1	0.8	7.8	2.5	18	0.3	0.5	0.2	54	0.19	0.045
1117556	Soil		0.9	17.7	22.9	76	0.1	17.3	9.9	381	2.89	9.5	1.0	7.0	3.5	24	0.3	0.5	0.2	55	0.19	0.046
1117557	Soil		0.9	22.4	22.5	81	0.1	21.8	12.2	620	3.18	10.2	1.1	7.4	4.3	19	0.3	0.5	0.2	68	0.23	0.050
1117558	Soil		0.9	21.4	27.5	88	0.3	21.2	11.7	458	3.46	12.1	1.1	5.3	4.9	29	0.3	0.6	0.6	61	0.23	0.051
1117559	Soil		0.7	11.3	24.9	58	0.2	13.6	6.7	195	1.98	17.4	0.7	8.2	2.2	22	0.2	0.9	0.4	47	0.24	0.045
1117560	Soil		0.4	10.9	15.8	31	0.2	8.6	2.7	85	1.25	5.7	0.9	8.4	0.7	17	0.3	0.3	0.2	21	0.20	0.047
1117561	Soil		0.3	8.7	13.8	35	0.2	8.9	3.1	87	1.41	5.3	0.7	6.4	0.8	13	<0.1	0.3	0.2	28	0.14	0.038
1117562	Soil		0.7	16.3	18.5	61	0.3	14.8	6.6	191	2.58	10.6	1.1	4.9	2.8	17	0.2	0.5	0.2	53	0.21	0.060
1117563	Soil		0.7	7.7	14.9	54	0.2	12.5	6.1	215	2.01	6.8	0.6	4.8	2.0	17	0.1	0.3	0.2	53	0.17	0.042
1117564	Soil		0.7	9.5	11.7	50	0.1	13.0	7.5	279	1.89	6.4	0.6	7.7	1.3	15	<0.1	0.4	0.2	46	0.16	0.044
1117565	Soil		0.9	16.7	15.1	34	0.1	8.7	5.7	295	1.97	6.7	0.8	3.7	1.2	18	0.2	0.5	0.2	47	0.12	0.035
1117566	Soil		0.5	15.8	13.8	58	0.1	14.4	7.9	218	2.27	6.9	0.8	5.3	2.5	20	0.1	0.5	0.2	42	0.22	0.044
1117570	Soil		0.5	13.5	11.2	45	0.1	11.2	4.8	163	1.63	4.5	0.7	4.7	1.0	21	0.2	0.4	0.2	33	0.22	0.063
1117569	Soil		0.5	11.5	15.5	45	0.1	11.4	4.3	122	1.82	6.3	0.5	4.6	1.0	16	<0.1	0.4	0.2	42	0.16	0.042
1117568	Soil		0.7	18.4	14.2	59	0.1	15.7	6.7	173	2.21	7.6	0.8	4.8	2.8	18	<0.1	0.6	0.2	48	0.20	0.043
1117567	Soil		0.5	15.2	12.2	47	0.2	12.9	5.5	167	1.88	6.3	0.9	2.9	1.4	15	0.1	0.5	0.2	44	0.18	0.041
1117571	Soil		0.8	14.6	11.0	48	0.2	12.2	6.4	200	2.18	7.1	0.7	5.3	1.2	15	0.1	0.4	0.2	49	0.17	0.049
1117572	Soil		0.8	15.1	15.7	61	0.2	13.5	10.0	470	2.90	9.2	0.8	4.0	1.7	19	0.2	0.4	0.3	57	0.20	0.050
1117573	Soil		0.8	14.8	13.8	55	0.1	12.6	7.8	281	2.43	6.3	0.6	2.1	1.5	17	<0.1	0.4	0.2	53	0.22	0.042
1117574	Soil		0.7	12.0	15.1	56	0.1	10.9	8.7	333	2.68	7.8	0.6	2.9	1.6	16	0.1	0.4	0.2	61	0.16	0.041
1117575	Soil		1.0	22.7	11.4	63	0.1	14.0	13.2	607	3.01	5.9	0.7	4.6	3.1	19	0.1	0.4	0.2	65	0.22	0.041
1117576	Soil		0.7	28.2	9.1	78	<0.1	10.2	12.7	593	3.77	3.3	0.5	2.3	3.4	13	0.2	0.3	<0.1	67	0.23	0.059
1117577	Soil		0.5	23.3	11.0	64	0.2	14.7	11.4	379	3.30	4.5	0.8	5.2	2.4	16	<0.1	0.4	0.2	69	0.22	0.039
1117578	Soil		0.5	19.9	8.0	61	0.2	12.8	12.4	615	3.06	3.8	0.6	3.2	1.7	13	<0.1	0.3	0.3	73	0.21	0.043
1117579	Soil		0.5	27.6	4.9	70	<0.1	11.4	12.8	433	3.40	4.8	0.4	2.0	2.6	14	0.1	0.3	0.1	67	0.23	0.049
1117580	Soil		0.4	25.8	7.5	61	0.1	11.8	11.3	402	3.30	3.6	0.7	2.5	1.9	15	<0.1	0.3	0.1	82	0.25	0.046

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Project: CHA
Report Date: August 09, 2011

CERTIFICATE OF ANALYSIS DAW11000071.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1117551	Soil		9	23	0.49	140	0.071	2	1.41	0.008	0.10	0.2	0.03	2.4	0.1	<0.05	5	0.6	0.2
1117552	Soil		12	23	0.46	150	0.072	2	1.33	0.010	0.10	0.2	0.04	2.8	0.1	<0.05	4	<0.5	<0.2
1117553	Soil		11	23	0.49	143	0.077	1	1.46	0.009	0.09	0.2	0.02	2.5	0.1	<0.05	5	<0.5	<0.2
1117554	Soil		11	32	0.50	197	0.062	3	2.16	0.008	0.09	0.2	0.05	3.4	0.2	<0.05	6	<0.5	<0.2
1117555	Soil		11	25	0.44	167	0.057	1	1.65	0.007	0.07	0.2	0.03	2.7	0.1	<0.05	5	<0.5	0.2
1117556	Soil		13	26	0.48	177	0.054	<1	1.69	0.009	0.08	0.2	0.04	3.1	0.1	<0.05	5	<0.5	0.2
1117557	Soil		12	31	0.50	190	0.075	1	1.85	0.009	0.08	0.2	0.04	3.4	0.1	<0.05	6	<0.5	<0.2
1117558	Soil		12	29	0.53	180	0.075	<1	2.02	0.016	0.09	0.2	0.03	3.1	0.2	<0.05	6	0.9	<0.2
1117559	Soil		9	21	0.37	143	0.050	2	1.24	0.010	0.05	0.2	0.05	2.2	0.2	<0.05	5	0.9	<0.2
1117560	Soil		9	18	0.23	121	0.028	1	0.99	0.008	0.04	0.1	0.04	1.6	0.1	<0.05	4	0.6	<0.2
1117561	Soil		9	20	0.27	89	0.034	<1	1.16	0.006	0.04	0.2	0.05	1.8	0.1	<0.05	5	<0.5	<0.2
1117562	Soil		12	27	0.45	163	0.049	1	1.60	0.008	0.06	0.2	0.04	3.1	0.1	<0.05	5	0.6	<0.2
1117563	Soil		9	23	0.43	119	0.059	<1	1.42	0.006	0.06	0.2	0.04	2.2	0.1	<0.05	6	<0.5	<0.2
1117564	Soil		9	23	0.36	118	0.046	<1	1.23	0.007	0.05	0.2	0.04	1.9	<0.1	<0.05	4	<0.5	<0.2
1117565	Soil		10	18	0.26	205	0.042	<1	1.43	0.007	0.05	0.1	0.04	2.0	0.1	<0.05	5	0.5	<0.2
1117566	Soil		11	25	0.45	190	0.047	<1	1.57	0.008	0.05	0.2	0.05	2.8	<0.1	<0.05	4	0.6	<0.2
1117570	Soil		9	20	0.34	174	0.042	<1	1.20	0.007	0.05	0.2	0.04	2.2	<0.1	<0.05	4	0.5	<0.2
1117569	Soil		8	22	0.35	116	0.042	<1	1.26	0.006	0.05	0.1	0.04	1.7	0.1	<0.05	5	0.7	<0.2
1117568	Soil		12	26	0.43	195	0.046	1	1.66	0.008	0.05	0.2	0.04	3.0	0.1	<0.05	5	0.7	<0.2
1117567	Soil		11	22	0.35	173	0.036	<1	1.45	0.007	0.04	0.1	0.04	2.2	<0.1	<0.05	4	<0.5	<0.2
1117571	Soil		9	22	0.41	136	0.042	1	1.44	0.008	0.05	0.1	0.03	2.2	<0.1	<0.05	5	1.1	<0.2
1117572	Soil		9	26	0.50	212	0.048	<1	1.73	0.008	0.07	0.2	0.04	3.0	0.1	<0.05	5	<0.5	<0.2
1117573	Soil		9	24	0.50	204	0.037	<1	1.70	0.007	0.06	0.2	0.04	2.8	<0.1	<0.05	5	0.8	<0.2
1117574	Soil		8	24	0.48	151	0.031	<1	1.55	0.006	0.05	0.1	0.04	2.5	<0.1	<0.05	5	<0.5	<0.2
1117575	Soil		11	25	0.66	277	0.051	<1	1.76	0.008	0.10	0.1	0.03	4.3	0.1	<0.05	5	<0.5	<0.2
1117576	Soil		11	20	0.86	329	0.031	<1	1.76	0.006	0.12	<0.1	<0.01	6.2	<0.1	<0.05	5	<0.5	<0.2
1117577	Soil		11	26	0.76	412	0.038	<1	2.00	0.007	0.09	0.1	0.02	5.3	0.1	<0.05	6	<0.5	<0.2
1117578	Soil		9	23	0.65	306	0.051	<1	1.67	0.008	0.10	<0.1	0.02	5.2	0.1	<0.05	6	<0.5	<0.2
1117579	Soil		9	18	0.78	307	0.043	<1	1.61	0.007	0.09	0.1	0.02	5.4	<0.1	<0.05	5	<0.5	<0.2
1117580	Soil		9	20	0.73	374	0.052	<1	1.71	0.008	0.13	0.1	0.02	6.4	0.1	<0.05	5	<0.5	<0.2

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Project: CHA
Report Date: August 09, 2011

CERTIFICATE OF ANALYSIS DAW11000071.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1117581	Soil	0.9	14.9	11.0	60	0.1	14.0	9.2	236	2.99	6.4	0.7	1.7	3.1	15	0.1	0.4	0.2	63	0.21	0.045
1117582	Soil	0.6	30.5	6.4	70	<0.1	12.9	14.7	561	3.67	3.9	0.7	2.4	2.9	18	0.2	0.3	0.1	89	0.37	0.050
1117583	Soil	0.7	23.7	10.3	58	0.1	17.0	9.9	320	2.77	5.6	1.1	4.4	4.2	21	0.3	0.4	0.2	59	0.28	0.052
1117251	Soil	1.0	17.5	33.2	66	0.1	16.9	9.6	366	2.87	8.7	1.0	5.4	3.0	23	0.2	0.6	0.2	60	0.18	0.043
1117252	Soil	0.8	15.8	26.3	65	0.2	17.2	7.5	317	2.69	9.3	0.6	9.1	2.0	18	0.3	0.6	0.2	58	0.15	0.042
1117253	Soil	0.8	15.4	35.1	73	0.3	16.2	10.3	396	2.71	8.6	1.1	4.4	3.2	29	0.4	0.8	0.3	58	0.26	0.059
1117254	Soil	0.6	12.0	19.3	56	0.2	12.6	6.9	296	1.95	7.0	1.0	1.9	1.6	23	0.3	0.5	0.2	43	0.28	0.069
1117255	Soil	1.1	21.9	20.3	65	0.1	15.7	10.2	401	2.80	11.7	0.8	3.1	3.3	36	0.4	0.7	0.3	55	0.21	0.055
1117256	Soil	0.5	5.9	4.9	24	<0.1	3.0	3.0	92	1.43	2.0	0.2	1.2	0.4	11	<0.1	0.1	0.1	47	0.09	0.027
1117257	Soil	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1117258	Soil	1.0	11.5	13.4	57	0.1	14.0	11.3	720	2.34	10.8	0.7	2.8	2.0	22	0.3	0.6	0.2	49	0.21	0.070
1117259	Soil	0.8	13.8	17.1	81	0.1	13.5	11.3	540	2.88	7.9	0.9	3.3	3.3	28	0.3	0.5	0.2	60	0.26	0.066
1117260	Soil	0.7	8.4	10.3	31	0.2	6.7	3.5	121	1.38	4.1	0.5	3.3	0.7	13	0.2	0.3	0.2	42	0.11	0.043
1117261	Soil	0.6	14.2	7.7	32	0.3	5.7	3.3	174	1.15	3.0	0.5	0.5	0.4	16	1.0	0.2	0.1	26	0.14	0.060
1117262	Soil	1.1	14.1	14.3	60	0.1	13.3	13.4	669	2.43	7.4	0.7	2.3	1.3	21	0.2	0.4	0.2	57	0.19	0.057
1117263	Soil	0.5	9.5	8.5	24	<0.1	4.3	3.0	394	1.12	2.8	0.2	<0.5	0.6	8	0.5	0.1	0.1	30	0.05	0.030
1117264	Soil	1.1	18.5	24.3	75	0.2	13.9	9.5	453	2.78	10.1	0.6	1.6	2.6	27	0.3	0.5	0.3	72	0.19	0.049
1117265	Soil	0.9	23.4	22.2	88	0.2	16.5	10.1	462	2.76	11.6	0.7	2.3	2.7	32	0.2	0.5	0.2	64	0.31	0.046
1117266	Soil	0.8	17.4	12.6	46	0.4	9.1	6.1	220	1.51	5.4	0.7	2.6	0.2	24	0.5	0.4	0.2	32	0.23	0.076
1117267	Soil	1.0	17.9	30.1	104	0.1	23.6	15.6	662	3.86	12.9	0.7	3.9	4.7	33	0.4	0.7	0.2	84	0.24	0.051
1117268	Soil	1.0	17.5	28.0	99	0.1	23.2	14.8	630	3.79	13.0	0.6	3.9	4.4	34	0.5	0.6	0.2	88	0.25	0.060
1117269	Soil	0.8	18.0	16.0	68	0.4	15.2	7.3	256	2.24	7.6	1.0	2.4	1.1	29	0.2	0.5	0.3	48	0.33	0.080
1117270	Soil	0.8	18.4	15.2	80	0.2	16.7	11.7	437	2.67	8.2	0.7	2.9	3.3	29	0.3	0.6	0.3	61	0.30	0.051
1117271	Soil	0.9	10.5	16.4	66	0.2	12.7	7.9	330	2.28	9.2	0.6	3.9	1.4	22	0.2	0.5	0.2	57	0.27	0.058
1117272	Soil	0.8	14.6	17.1	78	0.2	14.3	8.6	375	2.56	7.8	0.8	2.7	3.1	32	0.2	0.5	0.2	57	0.30	0.062
1117273	Soil	0.8	18.7	15.9	72	0.3	16.1	10.2	456	2.66	8.1	1.1	3.8	3.1	33	0.2	0.5	0.3	59	0.31	0.069
1117274	Soil	1.1	22.7	17.7	79	0.3	19.3	14.2	525	3.38	9.1	1.3	4.0	4.9	24	0.2	0.6	0.3	71	0.35	0.068
1117275	Soil	0.7	24.6	11.7	65	0.2	17.8	11.6	297	2.76	5.7	1.2	3.2	4.6	21	0.1	0.5	0.2	67	0.35	0.059
1117276	Soil	0.6	20.7	13.4	64	0.2	17.0	9.4	344	2.30	5.9	1.3	2.4	3.6	22	0.2	0.6	0.2	61	0.36	0.048
1117277	Soil	0.8	17.4	9.5	71	<0.1	16.5	14.4	462	2.98	5.9	0.8	2.2	3.1	20	0.2	0.4	0.2	67	0.35	0.050

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1117581	Soil		11	26	0.57	248	0.045	<1	1.70	0.008	0.06	0.1	0.05	3.5	<0.1	<0.05	5	0.5	<0.2
1117582	Soil		9	19	0.92	329	0.067	<1	1.84	0.008	0.21	0.1	0.02	6.7	0.1	<0.05	5	<0.5	<0.2
1117583	Soil		12	27	0.60	298	0.072	<1	1.50	0.011	0.10	<0.1	0.03	3.9	0.1	<0.05	5	<0.5	<0.2
1117251	Soil		10	32	0.56	288	0.083	2	2.10	0.012	0.10	0.1	0.05	3.5	0.3	<0.05	6	<0.5	<0.2
1117252	Soil		9	27	0.45	195	0.063	3	1.96	0.010	0.07	0.2	0.06	2.4	0.1	<0.05	6	<0.5	<0.2
1117253	Soil		10	32	0.76	214	0.091	2	1.85	0.019	0.14	0.2	0.05	3.5	0.2	0.10	6	0.6	<0.2
1117254	Soil		9	25	0.54	182	0.064	1	1.41	0.016	0.09	0.1	0.07	2.5	0.1	0.09	5	<0.5	<0.2
1117255	Soil		11	25	0.58	163	0.073	<1	1.73	0.015	0.09	0.3	0.03	2.6	0.1	0.06	5	<0.5	<0.2
1117256	Soil		2	8	0.10	36	0.067	<1	0.52	0.020	0.03	<0.1	0.02	0.5	<0.1	<0.05	4	<0.5	<0.2
1117257	Soil		MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1117258	Soil		10	23	0.49	140	0.057	1	1.42	0.012	0.08	0.2	0.04	2.1	0.1	<0.05	5	<0.5	<0.2
1117259	Soil		11	25	0.85	196	0.108	<1	2.07	0.015	0.21	0.2	0.03	3.6	0.2	0.05	7	<0.5	<0.2
1117260	Soil		8	15	0.24	84	0.057	1	0.95	0.011	0.05	0.2	0.05	1.4	0.1	0.06	5	<0.5	<0.2
1117261	Soil		5	12	0.19	120	0.040	1	0.77	0.014	0.07	0.2	0.06	1.0	<0.1	0.06	3	<0.5	<0.2
1117262	Soil		10	25	0.55	148	0.069	1	1.84	0.011	0.11	0.1	0.04	2.6	0.1	<0.05	6	<0.5	<0.2
1117263	Soil		3	9	0.12	62	0.045	<1	0.63	0.017	0.04	0.1	0.03	0.8	<0.1	<0.05	4	<0.5	<0.2
1117264	Soil		10	25	0.57	166	0.080	<1	1.81	0.010	0.11	0.2	0.03	2.5	0.1	<0.05	8	<0.5	<0.2
1117265	Soil		11	29	0.74	180	0.093	1	1.91	0.012	0.13	0.2	0.03	3.1	0.1	<0.05	6	0.6	<0.2
1117266	Soil		7	18	0.27	119	0.032	1	1.17	0.012	0.07	0.1	0.06	1.1	<0.1	0.07	4	<0.5	<0.2
1117267	Soil		10	46	1.19	202	0.154	2	2.91	0.012	0.20	0.3	0.02	4.3	0.2	<0.05	8	<0.5	<0.2
1117268	Soil		10	44	1.19	197	0.159	2	2.89	0.014	0.19	0.3	0.03	4.2	0.2	<0.05	9	<0.5	<0.2
1117269	Soil		10	29	0.60	220	0.052	1	1.88	0.014	0.10	0.2	0.05	3.1	0.1	0.06	6	<0.5	<0.2
1117270	Soil		12	30	0.73	216	0.084	2	1.99	0.012	0.12	0.2	0.04	3.4	0.1	<0.05	6	<0.5	<0.2
1117271	Soil		10	24	0.56	189	0.057	1	1.62	0.011	0.07	0.2	0.04	2.4	0.1	<0.05	5	<0.5	<0.2
1117272	Soil		12	26	0.72	230	0.056	<1	1.94	0.010	0.09	0.1	0.04	3.5	0.1	<0.05	6	<0.5	<0.2
1117273	Soil		15	28	0.70	294	0.056	1	1.90	0.011	0.10	0.1	0.04	4.1	0.1	<0.05	6	<0.5	<0.2
1117274	Soil		18	32	0.85	366	0.064	1	2.27	0.013	0.12	0.1	0.06	5.1	0.1	<0.05	7	0.6	<0.2
1117275	Soil		16	30	0.78	329	0.078	1	2.08	0.012	0.13	0.1	0.05	5.1	0.2	<0.05	6	0.7	<0.2
1117276	Soil		14	29	0.63	368	0.041	2	1.98	0.012	0.08	0.1	0.06	4.4	0.1	<0.05	6	0.6	<0.2
1117277	Soil		12	24	0.64	321	0.034	<1	1.89	0.010	0.08	0.1	0.03	4.8	0.1	<0.05	5	<0.5	<0.2

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

Project: CHA
Report Date: August 09, 2011

CERTIFICATE OF ANALYSIS DAW11000071.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1117278	Soil	0.8	23.8	10.9	71	0.1	18.6	12.7	419	2.88	6.1	0.8	1.1	3.7	22	0.2	0.4	0.2	71	0.40	0.058
1117280	Soil	0.8	40.5	7.5	81	<0.1	17.9	19.2	962	4.56	3.1	0.8	0.8	4.7	21	0.1	0.3	0.2	117	0.44	0.073
1117281	Soil	0.6	16.6	6.7	47	0.2	10.2	6.2	218	2.30	3.9	0.7	1.3	1.4	18	<0.1	0.2	0.1	64	0.24	0.043
1117282	Soil	0.5	33.3	4.8	76	<0.1	15.0	17.7	775	4.39	3.1	0.6	0.7	4.0	17	0.1	0.2	<0.1	120	0.32	0.065
1117283	Soil	0.6	12.0	14.9	52	0.2	12.0	6.0	217	1.84	5.8	0.7	2.1	1.1	25	0.1	0.4	0.2	46	0.25	0.052
1117284	Soil	0.7	19.7	14.8	71	0.1	16.3	10.7	413	2.81	8.6	0.9	0.8	5.1	33	0.2	0.6	0.3	62	0.32	0.044
1117285	Soil	0.7	21.8	14.1	75	0.1	18.4	11.7	315	2.90	6.9	1.1	0.6	5.4	23	0.2	0.6	0.2	64	0.31	0.053
1117401	Soil	1.7	9.4	16.4	47	0.1	8.2	7.0	545	3.31	6.6	0.5	2.7	2.2	16	0.3	0.5	0.2	80	0.14	0.043
1117402	Soil	0.7	10.5	16.5	43	0.1	10.9	4.6	177	2.11	6.2	0.7	1.0	1.4	20	0.3	0.4	0.2	58	0.20	0.049
1117403	Soil	1.0	14.1	25.4	70	<0.1	14.9	8.7	409	2.95	8.9	0.5	<0.5	2.7	24	0.4	0.5	0.2	64	0.16	0.033
1117404	Soil	1.0	8.5	23.0	36	0.1	8.3	3.8	186	2.99	9.7	0.4	2.1	1.6	10	0.2	0.5	0.3	87	0.07	0.030
1117405	Soil	0.9	17.1	25.2	75	0.1	16.5	9.4	453	2.89	8.7	0.8	2.8	3.1	27	0.2	0.6	0.2	56	0.21	0.039
1117406	Soil	1.0	15.3	34.2	74	0.3	13.2	7.8	331	2.49	8.7	1.0	5.1	1.8	33	0.4	0.5	0.2	45	0.32	0.066
1117407	Soil	0.9	14.5	18.6	59	0.2	12.5	7.4	328	2.14	5.9	1.0	3.2	1.3	24	0.2	0.4	0.3	41	0.23	0.067
1117408	Soil	0.9	12.9	19.1	63	0.1	11.9	7.4	307	2.35	7.3	0.8	5.5	2.0	24	0.2	0.5	0.2	47	0.19	0.041
1117409	Soil	0.9	19.8	24.6	102	0.2	18.4	12.1	799	3.06	11.8	1.0	3.4	3.1	24	0.5	0.6	0.2	57	0.24	0.064
1117410	Soil	0.8	15.5	20.3	76	0.2	14.8	11.5	838	2.37	8.3	0.9	3.3	1.7	25	0.7	0.5	0.2	47	0.23	0.063
1117411	Soil	0.9	13.1	19.2	72	0.2	14.1	9.5	434	2.49	8.7	0.8	11.3	1.9	22	0.3	0.4	0.3	50	0.20	0.059
1117412	Soil	0.9	12.9	16.0	62	0.2	13.5	6.8	254	2.19	7.0	0.9	3.5	1.1	21	0.3	0.4	0.2	45	0.21	0.075
1117413	Soil	1.1	42.0	29.1	59	1.0	15.7	8.4	227	2.72	10.0	3.6	6.7	2.5	40	0.5	0.5	0.4	44	0.30	0.070
1117414	Soil	0.8	21.6	19.8	84	0.2	16.5	9.7	404	2.86	9.7	1.0	2.7	3.9	35	0.3	0.6	0.2	55	0.32	0.048
1117415	Soil	0.8	20.1	24.7	91	0.2	14.7	12.0	566	3.03	12.9	0.9	1.4	4.0	35	0.3	0.6	0.3	58	0.40	0.055
1117416	Soil	1.3	32.2	32.8	97	0.2	21.0	10.8	427	3.61	14.3	1.4	3.5	4.4	32	0.4	0.7	0.3	68	0.24	0.067
1117417	Soil	1.1	20.2	25.0	64	0.1	15.2	7.5	301	2.82	11.1	0.7	2.1	2.2	20	0.4	0.6	0.3	57	0.20	0.040
1117418	Soil	0.6	11.4	7.6	24	0.2	5.8	2.7	140	1.08	2.4	0.4	1.2	0.2	12	0.2	0.3	0.1	26	0.09	0.044
1117419	Soil	1.6	36.6	45.8	116	0.4	19.8	14.6	658	3.94	18.2	1.7	4.8	4.6	40	0.4	1.0	0.4	75	0.30	0.072
1117420	Soil	0.5	6.1	3.5	16	0.1	1.6	1.3	63	0.65	1.3	0.2	1.0	0.1	7	<0.1	0.1	<0.1	19	0.07	0.024
1117421	Soil	0.7	10.7	12.5	42	<0.1	8.5	4.4	153	1.40	4.4	0.6	1.4	1.1	19	0.2	0.3	0.3	33	0.14	0.036
1117422	Soil	0.3	11.3	13.9	42	0.1	10.6	3.4	108	1.47	3.9	0.6	1.4	0.7	16	<0.1	0.3	0.2	27	0.17	0.034
1117501	Soil	0.9	11.0	18.9	55	0.2	11.0	6.3	252	2.69	9.8	0.6	7.3	2.9	26	0.2	0.7	0.4	43	0.23	0.044

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Project: CHA
Report Date: August 09, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1117278	Soil		14	28	0.73	309	0.062	<1	1.89	0.013	0.16	0.1	0.04	5.9	0.1	<0.05	6	<0.5	<0.2
1117280	Soil		15	39	1.45	347	0.138	1	2.54	0.009	0.61	<0.1	0.02	10.4	0.3	<0.05	8	<0.5	<0.2
1117281	Soil		12	24	0.49	197	0.058	<1	1.61	0.012	0.13	<0.1	0.04	5.1	0.2	<0.05	6	<0.5	<0.2
1117282	Soil		13	36	1.28	249	0.153	<1	2.22	0.009	0.72	<0.1	<0.01	9.8	0.3	<0.05	8	<0.5	<0.2
1117283	Soil		10	25	0.50	195	0.043	<1	1.62	0.010	0.07	0.1	0.05	2.5	0.1	0.06	5	<0.5	<0.2
1117284	Soil		16	28	0.84	290	0.077	<1	1.83	0.015	0.09	<0.1	0.02	4.2	0.1	<0.05	5	0.5	<0.2
1117285	Soil		16	31	0.83	323	0.070	<1	1.99	0.014	0.10	0.1	0.03	4.6	0.1	<0.05	6	<0.5	<0.2
1117401	Soil		9	22	0.26	168	0.073	<1	1.49	0.008	0.05	0.1	0.09	1.8	0.1	<0.05	7	<0.5	<0.2
1117402	Soil		10	23	0.44	183	0.076	2	1.46	0.012	0.07	0.1	0.06	2.3	0.2	0.05	6	0.6	<0.2
1117403	Soil		10	25	0.60	151	0.092	<1	2.06	0.010	0.13	0.1	0.05	3.2	0.2	<0.05	7	<0.5	<0.2
1117404	Soil		10	19	0.29	113	0.079	<1	1.42	0.004	0.05	0.2	0.06	1.6	0.1	<0.05	10	<0.5	<0.2
1117405	Soil		11	25	0.55	186	0.072	<1	1.68	0.010	0.07	0.2	0.03	2.7	0.1	<0.05	6	<0.5	<0.2
1117406	Soil		11	22	0.53	212	0.048	1	1.65	0.011	0.08	0.2	0.07	2.7	0.2	<0.05	5	<0.5	<0.2
1117407	Soil		10	21	0.47	185	0.044	<1	1.49	0.011	0.07	0.1	0.06	2.4	0.2	0.06	5	<0.5	<0.2
1117408	Soil		9	24	0.52	140	0.064	<1	1.41	0.012	0.07	0.2	0.04	2.5	0.1	<0.05	5	<0.5	<0.2
1117409	Soil		12	29	0.62	201	0.062	<1	1.97	0.010	0.11	0.2	0.03	3.1	0.2	0.06	6	<0.5	<0.2
1117410	Soil		11	23	0.50	185	0.052	<1	1.61	0.012	0.07	0.2	0.06	2.4	0.1	0.07	6	<0.5	<0.2
1117411	Soil		12	24	0.53	185	0.050	<1	1.68	0.011	0.07	0.2	0.03	2.6	0.2	0.06	6	<0.5	<0.2
1117412	Soil		10	25	0.50	171	0.045	1	1.63	0.011	0.06	0.2	0.04	2.3	0.2	0.06	6	<0.5	<0.2
1117413	Soil		26	26	0.35	370	0.043	2	2.56	0.015	0.10	0.3	0.11	5.3	0.1	0.06	7	<0.5	<0.2
1117414	Soil		14	26	0.75	224	0.095	<1	1.85	0.012	0.15	0.2	0.02	3.3	0.1	<0.05	6	<0.5	<0.2
1117415	Soil		12	26	0.95	231	0.094	<1	2.10	0.011	0.25	0.2	0.02	3.4	0.2	<0.05	6	<0.5	<0.2
1117416	Soil		19	33	0.73	304	0.073	2	2.78	0.014	0.11	0.2	0.05	4.5	0.2	<0.05	8	<0.5	<0.2
1117417	Soil		11	26	0.50	146	0.052	<1	2.13	0.009	0.06	0.1	0.04	2.3	<0.1	<0.05	7	<0.5	<0.2
1117418	Soil		7	10	0.16	92	0.030	<1	0.77	0.011	0.06	<0.1	0.06	0.8	<0.1	0.05	4	<0.5	<0.2
1117419	Soil		21	40	0.85	346	0.087	<1	2.83	0.011	0.15	0.1	0.06	4.7	0.2	0.07	9	<0.5	<0.2
1117420	Soil		3	5	0.05	50	0.025	<1	0.30	0.014	0.03	<0.1	0.03	0.3	<0.1	<0.05	3	<0.5	<0.2
1117421	Soil		8	21	0.34	111	0.044	<1	1.26	0.010	0.07	<0.1	0.03	1.6	<0.1	<0.05	5	<0.5	<0.2
1117422	Soil		9	21	0.36	139	0.031	2	1.31	0.008	0.05	<0.1	0.06	1.7	0.1	<0.05	4	0.6	<0.2
1117501	Soil		11	19	0.51	136	0.067	2	1.34	0.010	0.11	0.2	0.04	2.3	0.2	<0.05	4	<0.5	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1117502	Soil		0.6	9.2	11.7	38	0.2	6.1	3.5	143	1.41	4.2	0.4	1.6	1.7	14	0.1	0.3	0.1	39	0.12	0.031
1117503	Soil		0.8	15.7	25.2	75	0.2	15.6	7.9	330	2.69	7.6	0.7	3.3	3.5	22	0.4	0.5	0.2	49	0.22	0.041
1117504	Soil		1.1	24.7	24.2	78	0.3	16.8	8.3	323	3.09	11.5	1.9	4.6	2.5	30	0.3	0.5	0.3	50	0.30	0.078
1117505	Soil		1.2	13.1	18.7	43	0.1	10.5	5.0	228	2.84	8.4	0.4	6.3	1.5	14	0.2	0.4	0.2	64	0.10	0.041
1117506	Soil		1.2	13.8	14.6	44	<0.1	11.2	5.3	216	2.88	8.0	0.5	<0.5	1.8	11	0.2	0.5	0.2	62	0.10	0.038
1117507	Soil		0.8	16.8	18.0	60	0.3	14.5	6.1	196	2.43	17.2	1.2	5.9	1.7	26	0.2	0.7	0.3	40	0.30	0.076
1117508	Soil		1.0	16.1	19.0	56	0.3	14.8	6.5	242	2.14	9.9	1.1	5.3	1.2	22	0.3	0.4	0.2	41	0.29	0.068
1117509	Soil		0.7	14.7	16.3	76	0.2	17.5	9.8	499	2.70	9.1	0.9	10.4	3.5	24	0.4	0.5	0.2	52	0.24	0.064
1117510	Soil		1.0	15.6	20.2	74	0.1	17.9	9.8	436	3.16	10.3	0.7	1.5	3.8	22	0.3	0.5	0.2	59	0.16	0.056
1117511	Soil		1.0	14.7	16.6	61	0.4	14.9	6.7	209	2.20	7.3	1.3	5.2	1.5	26	0.3	0.4	0.3	42	0.31	0.072
1117512	Soil		0.8	7.8	14.8	53	0.1	11.8	5.2	147	2.13	8.7	0.6	2.9	1.9	19	0.2	0.3	0.2	45	0.23	0.057
1117513	Soil		0.7	15.3	13.2	68	0.1	16.9	10.0	341	2.66	10.2	1.1	4.6	4.6	23	0.3	0.5	0.2	49	0.23	0.064
1117514	Soil		0.8	13.7	21.5	62	0.2	13.7	7.2	223	2.22	7.1	0.9	7.4	1.8	25	0.2	0.5	0.2	46	0.25	0.057
1117515	Soil		0.7	17.4	17.4	64	0.2	15.6	8.2	233	2.35	7.6	0.8	4.9	3.0	20	0.1	0.5	0.2	46	0.21	0.043
1117516	Soil		0.6	14.4	15.9	63	0.2	15.5	7.0	189	2.11	6.3	0.7	5.0	3.1	22	0.1	0.5	0.2	44	0.23	0.038
1117517	Soil		0.4	14.3	12.5	45	0.2	12.4	4.6	128	1.87	7.1	0.7	3.4	2.1	15	0.2	0.6	0.3	36	0.18	0.044
1117518	Soil		0.5	20.1	16.4	64	0.2	16.3	7.6	192	2.25	7.1	0.8	3.6	3.7	18	0.2	0.6	0.2	41	0.20	0.049
1117519	Soil		0.6	8.9	15.9	44	0.2	11.0	4.1	138	1.64	4.3	0.6	2.1	1.5	20	0.1	0.4	0.2	28	0.23	0.044
1117520	Soil		0.5	13.1	14.9	67	0.1	14.0	8.6	313	2.48	7.2	0.5	4.1	4.5	19	0.2	0.5	0.2	42	0.21	0.045
1117521	Soil		0.7	15.8	13.8	56	0.2	13.4	5.6	177	2.27	8.1	0.9	6.2	1.7	18	0.1	0.5	0.3	41	0.20	0.067
1117522	Soil		0.8	12.5	14.1	54	0.2	12.3	7.2	303	2.27	7.8	0.6	1.6	1.3	15	0.1	0.5	0.2	48	0.15	0.044
1117523	Soil		0.6	19.6	16.3	71	0.2	17.2	8.9	284	2.60	8.1	0.9	3.9	2.9	20	0.3	0.6	0.2	54	0.22	0.050
1117524	Soil		0.9	11.5	15.5	60	0.1	12.3	7.9	273	2.58	9.0	0.6	2.3	2.4	18	0.2	0.5	0.3	51	0.19	0.047
1117525	Soil		0.7	15.5	12.1	62	0.1	14.8	10.0	290	2.77	6.7	0.8	3.4	3.2	16	0.1	0.5	0.2	53	0.21	0.044
1117526	Soil		0.7	17.3	11.1	70	<0.1	13.9	11.2	349	3.05	6.3	0.6	2.0	3.0	15	0.1	0.4	0.2	63	0.20	0.046
1117527	Soil		0.6	17.1	8.5	61	<0.1	12.5	10.7	331	2.79	4.5	0.5	3.3	2.1	14	<0.1	0.3	0.1	65	0.21	0.046
1117528	Soil		0.6	22.7	8.6	63	0.2	14.1	12.9	626	2.74	4.2	0.7	4.6	1.7	21	0.2	0.3	0.2	69	0.33	0.044
1117529	Soil		0.7	17.1	8.6	63	0.1	13.0	12.9	468	2.67	4.7	0.5	1.5	1.7	23	0.1	0.2	0.2	67	0.46	0.040
1117530	Soil		0.7	29.6	6.1	69	0.1	14.1	14.9	713	3.63	3.9	0.6	1.6	2.7	18	0.1	0.3	0.1	86	0.31	0.047
1117531	Soil		0.6	31.6	5.4	73	<0.1	12.2	15.5	746	3.89	4.0	0.4	1.4	2.7	14	0.2	0.3	<0.1	94	0.23	0.048

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Project: CHA
Report Date: August 09, 2011

CERTIFICATE OF ANALYSIS DAW11000071.1

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1117502	Soil		7	12	0.19	75	0.052	<1	0.70	0.011	0.06	0.1	0.02	1.2	<0.1	0.09	4	<0.5	<0.2
1117503	Soil		11	22	0.50	133	0.072	2	1.49	0.012	0.09	0.2	0.03	2.3	0.1	<0.05	5	<0.5	<0.2
1117504	Soil		20	25	0.53	205	0.039	2	2.00	0.012	0.10	0.1	0.07	3.0	0.1	0.07	6	0.6	<0.2
1117505	Soil		9	20	0.30	123	0.066	2	1.18	0.006	0.06	0.1	0.08	1.7	0.1	<0.05	7	<0.5	<0.2
1117506	Soil		9	22	0.28	75	0.056	2	1.66	0.007	0.04	0.1	0.05	1.7	<0.1	<0.05	6	0.6	<0.2
1117507	Soil		13	22	0.47	188	0.032	1	1.69	0.011	0.06	0.2	0.06	2.5	0.1	0.18	5	<0.5	<0.2
1117508	Soil		13	22	0.40	172	0.035	<1	1.48	0.011	0.06	0.2	0.05	2.2	0.1	0.11	5	<0.5	<0.2
1117509	Soil		13	26	0.55	175	0.067	<1	1.61	0.012	0.09	0.2	0.02	2.9	<0.1	<0.05	5	<0.5	<0.2
1117510	Soil		10	27	0.57	141	0.081	2	1.82	0.010	0.08	0.2	0.03	2.6	0.1	<0.05	6	<0.5	<0.2
1117511	Soil		12	23	0.44	180	0.047	2	1.52	0.014	0.06	0.1	0.05	2.6	<0.1	0.10	5	<0.5	<0.2
1117512	Soil		10	20	0.44	134	0.050	<1	1.29	0.009	0.05	0.2	0.04	2.1	<0.1	<0.05	4	<0.5	<0.2
1117513	Soil		14	26	0.54	150	0.064	<1	1.50	0.010	0.06	0.2	0.01	2.8	<0.1	<0.05	5	<0.5	<0.2
1117514	Soil		10	24	0.57	205	0.048	<1	1.76	0.011	0.07	0.1	0.05	2.8	0.2	<0.05	5	<0.5	<0.2
1117515	Soil		11	25	0.58	178	0.053	<1	1.78	0.009	0.06	0.2	0.04	2.8	0.1	<0.05	5	<0.5	<0.2
1117516	Soil		11	25	0.59	182	0.063	1	1.77	0.009	0.06	0.1	0.04	2.8	<0.1	<0.05	5	<0.5	<0.2
1117517	Soil		10	23	0.41	144	0.035	<1	1.46	0.007	0.04	0.2	0.06	2.3	<0.1	<0.05	5	0.6	<0.2
1117518	Soil		12	26	0.54	195	0.054	1	1.67	0.009	0.05	0.1	0.05	3.0	0.1	<0.05	5	0.8	<0.2
1117519	Soil		9	22	0.43	127	0.052	2	1.28	0.008	0.05	0.2	0.07	2.0	0.1	<0.05	5	<0.5	<0.2
1117520	Soil		12	24	0.77	162	0.090	2	1.60	0.009	0.12	0.2	0.03	2.5	0.1	<0.05	5	0.6	<0.2
1117521	Soil		10	22	0.54	169	0.040	1	1.61	0.007	0.05	0.2	0.06	2.5	0.1	<0.05	5	<0.5	<0.2
1117522	Soil		9	23	0.47	143	0.037	2	1.54	0.007	0.05	0.1	0.04	2.1	<0.1	<0.05	5	<0.5	<0.2
1117523	Soil		13	27	0.57	272	0.043	2	1.83	0.010	0.06	0.2	0.04	3.6	0.1	<0.05	5	0.6	<0.2
1117524	Soil		10	21	0.56	154	0.032	1	1.69	0.007	0.05	0.1	0.05	2.7	0.1	<0.05	5	<0.5	<0.2
1117525	Soil		12	25	0.65	231	0.038	<1	1.80	0.008	0.07	0.2	0.04	3.3	0.1	<0.05	5	<0.5	<0.2
1117526	Soil		11	23	0.78	215	0.046	2	1.88	0.007	0.09	0.1	0.03	3.7	0.1	<0.05	6	<0.5	<0.2
1117527	Soil		10	21	0.80	233	0.050	2	1.84	0.008	0.09	0.2	0.04	4.1	0.1	<0.05	6	<0.5	<0.2
1117528	Soil		10	22	0.68	355	0.042	1	1.82	0.009	0.08	0.1	0.04	5.5	0.1	<0.05	6	<0.5	<0.2
1117529	Soil		8	21	0.67	301	0.034	1	1.70	0.009	0.08	0.1	0.04	4.9	<0.1	<0.05	6	<0.5	<0.2
1117530	Soil		11	23	0.91	338	0.086	<1	1.89	0.009	0.24	<0.1	0.03	8.3	0.2	<0.05	6	<0.5	<0.2
1117531	Soil		10	22	0.85	254	0.097	<1	1.85	0.007	0.30	0.1	0.02	6.8	0.2	<0.05	6	<0.5	<0.2

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Project: CHA
Report Date: August 09, 2011

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1117532	Soil		1.0	12.2	9.3	54	0.1	12.7	11.2	503	2.36	4.9	0.6	1.6	1.3	15	0.1	0.3	0.2	54	0.22	0.056
1117534	Soil		0.5	28.7	6.6	65	<0.1	14.0	13.2	492	3.07	4.7	0.5	2.2	2.7	16	0.2	0.3	0.1	72	0.26	0.041
1117451	Soil		0.9	18.4	33.4	76	0.2	13.3	11.4	599	2.77	8.0	1.1	4.9	2.4	32	0.3	0.6	0.2	52	0.26	0.068
1117452	Soil		1.5	17.4	36.0	99	0.2	13.1	9.9	591	2.67	10.3	1.0	3.8	3.1	30	0.4	0.8	0.2	46	0.29	0.053
1117453	Soil		1.2	15.4	19.5	68	0.3	13.2	7.5	354	3.25	11.5	0.6	8.9	3.1	21	0.4	0.7	0.3	55	0.15	0.046
1117454	Soil		1.2	20.3	22.7	53	0.5	9.2	5.9	251	3.59	23.9	0.9	12.4	3.1	29	0.2	0.7	1.3	36	0.24	0.063
1117455	Soil		1.1	22.2	21.1	62	0.1	18.1	9.1	267	2.90	9.9	1.1	3.1	4.4	14	0.2	0.5	0.2	60	0.14	0.032
1117456	Soil		0.7	18.9	26.5	75	0.1	15.6	9.8	462	3.06	11.6	0.9	6.7	4.7	26	0.3	0.6	0.2	52	0.24	0.045
1117458	Soil		0.7	11.3	16.2	52	0.2	10.8	4.8	167	1.62	8.1	0.6	2.9	1.1	32	0.5	0.6	0.2	43	0.36	0.051
1117457	Soil		1.0	16.7	35.4	60	1.1	13.3	7.5	260	2.66	16.5	0.9	7.1	2.9	18	0.2	1.2	0.4	52	0.14	0.048
1117459	Soil		0.8	16.7	14.7	49	<0.1	11.3	6.0	171	2.18	6.8	0.6	3.0	2.0	12	0.2	0.5	0.2	49	0.10	0.032
1117460	Soil		0.4	2.8	2.8	18	<0.1	1.3	1.8	59	0.76	1.4	0.1	0.7	0.2	5	<0.1	<0.1	<0.1	19	0.04	0.012
1117461	Soil		1.1	14.0	18.9	48	0.2	9.5	4.9	228	1.95	7.2	0.9	3.9	1.2	25	0.4	0.5	0.3	40	0.26	0.055
1117462	Soil		1.0	17.0	22.4	88	0.2	17.5	10.8	358	2.89	10.9	1.2	4.5	4.5	25	0.3	0.6	0.3	48	0.31	0.074
1117463	Soil		0.8	14.2	21.7	76	0.3	17.8	8.5	188	2.49	8.6	1.1	3.1	2.9	21	0.2	0.4	0.3	51	0.28	0.074
1117464	Soil		0.8	16.7	23.1	72	0.3	14.0	7.6	255	2.59	9.4	0.9	4.1	2.6	27	0.2	0.5	0.2	51	0.28	0.049
1117465	Soil		0.7	19.6	25.7	83	0.2	15.6	9.2	268	2.89	12.6	0.9	3.3	4.2	27	0.2	0.7	0.3	58	0.30	0.042
1117466	Soil		0.6	24.0	20.3	77	0.2	18.4	10.1	338	2.54	9.9	1.1	4.4	4.4	29	0.3	0.8	0.3	51	0.38	0.048
1117467	Soil		1.2	32.3	23.5	82	0.6	19.5	12.0	607	2.58	11.3	1.6	5.6	2.3	37	0.5	0.7	0.3	51	0.59	0.069
1117468	Soil		0.5	16.5	12.0	46	0.3	12.4	4.6	128	2.06	9.1	0.9	4.5	1.9	20	0.2	0.7	0.2	36	0.23	0.057
1117469	Soil		0.6	22.8	28.5	84	0.4	17.7	10.3	367	2.52	8.7	1.3	7.0	3.9	34	0.3	0.8	0.2	51	0.33	0.062
1117470	Soil		0.9	19.5	21.9	65	0.4	13.8	6.3	184	2.81	10.4	1.3	6.3	2.9	23	0.2	0.6	0.3	48	0.24	0.066
1117471	Soil		0.6	22.7	16.3	69	0.2	17.6	8.2	218	2.43	9.0	1.3	9.0	5.4	22	0.2	0.7	0.3	53	0.26	0.054
1117472	Soil		0.5	14.5	16.8	63	0.2	13.9	6.2	187	2.28	7.7	0.8	6.0	1.6	21	0.2	0.5	0.3	47	0.24	0.052
1117473	Soil		0.8	15.7	16.0	75	0.2	13.9	7.0	235	2.49	8.2	0.8	2.4	1.9	19	0.2	0.5	0.3	53	0.19	0.049
1117474	Soil		0.9	14.5	17.8	63	0.3	14.5	7.0	215	3.08	14.0	0.9	6.7	1.5	23	0.1	0.5	0.3	58	0.21	0.060
1117475	Soil		0.8	17.3	14.2	76	0.1	16.1	11.2	448	2.69	7.7	0.8	2.9	4.3	25	0.2	0.6	0.2	57	0.24	0.047
1117476	Soil		0.9	16.1	13.5	77	0.1	14.4	9.5	281	2.78	7.0	0.8	3.0	3.3	18	0.2	0.6	0.2	61	0.22	0.052
1117477	Soil		0.9	15.6	11.6	69	0.1	15.4	12.4	591	3.20	7.9	0.6	4.6	3.1	18	0.1	0.4	0.2	73	0.27	0.054
1117478	Soil		0.7	19.4	10.3	70	0.1	14.3	11.2	309	2.69	4.7	0.7	4.0	2.0	17	<0.1	0.4	0.2	63	0.22	0.048

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1117532	Soil		9	21	0.50	210	0.029	<1	1.57	0.009	0.06	0.1	0.05	3.4	0.1	<0.05	5	<0.5	<0.2
1117534	Soil		10	22	0.87	277	0.069	2	1.76	0.010	0.10	0.1	0.02	4.7	<0.1	<0.05	5	<0.5	<0.2
1117451	Soil		10	22	0.57	217	0.060	1	1.81	0.011	0.11	0.1	0.07	2.9	0.2	<0.05	6	<0.5	<0.2
1117452	Soil		11	22	0.50	175	0.060	2	1.60	0.011	0.11	0.2	0.05	2.6	0.2	<0.05	5	0.6	<0.2
1117453	Soil		10	23	0.46	179	0.063	1	1.80	0.009	0.10	0.2	0.06	2.6	0.2	<0.05	6	<0.5	<0.2
1117454	Soil		12	17	0.43	190	0.022	<1	1.34	0.029	0.16	0.2	0.04	2.1	0.1	0.33	5	1.4	0.6
1117455	Soil		16	29	0.53	155	0.070	1	2.23	0.008	0.06	0.2	0.05	3.5	0.1	<0.05	7	<0.5	<0.2
1117456	Soil		14	25	0.63	169	0.073	<1	1.72	0.017	0.12	0.2	0.03	3.0	0.1	<0.05	5	<0.5	<0.2
1117458	Soil		9	19	0.33	198	0.061	2	1.10	0.012	0.06	0.2	0.05	1.7	<0.1	<0.05	5	<0.5	<0.2
1117457	Soil		12	24	0.46	136	0.060	2	1.62	0.012	0.07	0.2	0.06	2.5	0.1	<0.05	6	<0.5	<0.2
1117459	Soil		10	20	0.29	138	0.054	<1	1.75	0.011	0.04	<0.1	0.04	2.0	0.1	<0.05	6	<0.5	<0.2
1117460	Soil		2	5	0.10	20	0.040	<1	0.34	0.019	0.03	<0.1	0.01	0.4	<0.1	<0.05	3	<0.5	<0.2
1117461	Soil		12	18	0.30	181	0.044	1	1.25	0.016	0.06	0.1	0.04	1.6	0.1	<0.05	5	<0.5	<0.2
1117462	Soil		16	25	0.57	232	0.065	<1	1.83	0.011	0.08	0.2	0.04	3.4	0.1	<0.05	6	<0.5	<0.2
1117463	Soil		15	27	0.53	207	0.051	2	1.87	0.012	0.06	0.2	0.05	3.1	0.1	<0.05	6	<0.5	<0.2
1117464	Soil		10	25	0.60	186	0.067	<1	1.78	0.011	0.09	0.1	0.04	3.0	0.1	<0.05	6	<0.5	<0.2
1117465	Soil		11	27	0.72	197	0.083	2	1.85	0.011	0.09	0.2	0.04	3.3	0.1	<0.05	6	<0.5	<0.2
1117466	Soil		14	26	0.61	243	0.072	1	1.83	0.013	0.08	0.2	0.05	4.0	0.1	<0.05	5	<0.5	<0.2
1117467	Soil		18	29	0.52	341	0.047	1	2.17	0.014	0.11	0.2	0.09	4.0	0.1	<0.05	6	<0.5	<0.2
1117468	Soil		12	23	0.42	186	0.034	<1	1.55	0.009	0.05	0.1	0.06	2.5	0.1	<0.05	5	<0.5	<0.2
1117469	Soil		17	30	0.64	281	0.064	1	1.97	0.012	0.10	0.2	0.08	4.0	0.1	<0.05	6	<0.5	<0.2
1117470	Soil		13	28	0.58	197	0.063	<1	1.74	0.011	0.08	0.2	0.08	3.3	0.1	0.06	6	<0.5	<0.2
1117471	Soil		15	29	0.70	220	0.081	1	1.84	0.010	0.10	0.2	0.05	4.1	0.1	<0.05	5	0.8	<0.2
1117472	Soil		10	25	0.52	176	0.045	<1	1.64	0.010	0.06	0.2	0.06	2.5	0.1	<0.05	5	1.0	<0.2
1117473	Soil		11	25	0.59	189	0.048	<1	1.77	0.009	0.07	0.1	0.07	3.0	<0.1	<0.05	6	<0.5	<0.2
1117474	Soil		10	26	0.57	196	0.034	<1	1.84	0.010	0.06	0.1	0.08	3.0	0.1	<0.05	6	<0.5	<0.2
1117475	Soil		13	27	0.73	247	0.060	<1	1.71	0.011	0.08	0.2	0.03	3.5	<0.1	<0.05	5	0.7	<0.2
1117476	Soil		13	25	0.73	230	0.046	<1	1.81	0.011	0.08	<0.1	0.04	3.5	0.1	<0.05	5	0.7	<0.2
1117477	Soil		12	25	0.80	218	0.075	<1	1.90	0.008	0.09	0.1	0.04	4.1	0.1	<0.05	6	<0.5	<0.2
1117478	Soil		11	23	0.66	259	0.040	<1	1.78	0.010	0.07	0.1	0.05	4.9	0.1	<0.05	6	0.6	<0.2

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

Project: CHA
Report Date: August 09, 2011

CERTIFICATE OF ANALYSIS DAW11000071.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1117479	Soil	0.4	32.3	5.5	75	<0.1	12.2	17.3	721	4.23	4.6	0.4	4.8	2.3	18	0.2	0.2	0.4	139	0.38	0.056
1117480	Soil	0.7	18.7	8.8	62	0.1	13.3	10.3	334	2.69	5.1	0.6	5.5	1.9	21	<0.1	0.3	0.2	71	0.32	0.043
1117481	Soil	0.3	80.5	2.5	90	<0.1	11.4	27.3	1274	6.65	2.5	0.3	<0.5	1.6	14	0.1	0.1	<0.1	239	0.37	0.080

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CERTIFICATE OF ANALYSIS DAW11000071.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1117479	Soil	8	16	1.48	507	0.110	<1	2.37	0.012	0.44	0.2	0.04	9.8	0.2	<0.05	8	0.5	<0.2
1117480	Soil	10	23	0.68	311	0.047	1	1.82	0.010	0.08	0.1	0.05	4.7	0.1	<0.05	6	<0.5	<0.2
1117481	Soil	6	13	2.94	1061	0.200	<1	3.53	0.014	1.09	<0.1	0.02	17.9	0.3	<0.05	12	<0.5	<0.2

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Project: CHA
Report Date: August 09, 2011

QUALITY CONTROL REPORT DAW11000071.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																						
1117554	Soil		1.1	20.7	31.0	96	0.3	21.2	13.0	672	3.60	12.0	0.9	6.4	3.7	18	0.3	0.7	0.3	67	0.17	0.056
REP 1117554	QC		1.0	20.7	28.9	94	0.2	21.1	13.2	655	3.56	11.9	0.9	9.0	3.7	17	0.3	0.7	0.3	65	0.17	0.057
1117582	Soil		0.6	30.5	6.4	70	<0.1	12.9	14.7	561	3.67	3.9	0.7	2.4	2.9	18	0.2	0.3	0.1	89	0.37	0.050
REP 1117582	QC		0.6	30.3	6.7	70	<0.1	13.9	14.5	566	3.70	3.8	0.6	1.6	2.9	18	0.2	0.3	0.1	87	0.35	0.046
1117267	Soil		1.0	17.9	30.1	104	0.1	23.6	15.6	662	3.86	12.9	0.7	3.9	4.7	33	0.4	0.7	0.2	84	0.24	0.051
REP 1117267	QC		0.9	19.1	29.8	110	<0.1	25.1	16.1	702	4.05	13.3	0.6	1.4	4.5	34	0.4	0.7	0.2	88	0.25	0.052
1117280	Soil		0.8	40.5	7.5	81	<0.1	17.9	19.2	962	4.56	3.1	0.8	0.8	4.7	21	0.1	0.3	0.2	117	0.44	0.073
REP 1117280	QC		0.8	41.0	7.5	82	<0.1	17.2	19.1	956	4.51	3.6	0.9	1.0	4.6	23	0.2	0.3	0.2	117	0.45	0.073
1117281	Soil		0.6	16.6	6.7	47	0.2	10.2	6.2	218	2.30	3.9	0.7	1.3	1.4	18	<0.1	0.2	0.1	64	0.24	0.043
REP 1117281	QC		0.6	16.2	6.4	46	0.2	10.5	6.0	208	2.20	3.8	0.7	1.5	1.4	18	0.1	0.3	0.1	62	0.23	0.041
1117412	Soil		0.9	12.9	16.0	62	0.2	13.5	6.8	254	2.19	7.0	0.9	3.5	1.1	21	0.3	0.4	0.2	45	0.21	0.075
REP 1117412	QC		0.8	12.1	15.3	60	0.2	13.7	6.7	248	2.15	6.6	0.9	3.0	1.1	20	0.2	0.4	0.2	44	0.21	0.069
1117503	Soil		0.8	15.7	25.2	75	0.2	15.6	7.9	330	2.69	7.6	0.7	3.3	3.5	22	0.4	0.5	0.2	49	0.22	0.041
REP 1117503	QC		0.6	15.4	25.1	77	0.2	14.8	7.8	339	2.72	8.1	0.8	3.6	3.5	22	0.3	0.6	0.2	50	0.22	0.043
1117526	Soil		0.7	17.3	11.1	70	<0.1	13.9	11.2	349	3.05	6.3	0.6	2.0	3.0	15	0.1	0.4	0.2	63	0.20	0.046
REP 1117526	QC		0.8	16.9	11.4	72	<0.1	14.5	11.4	347	3.12	6.2	0.6	1.7	3.0	15	0.1	0.4	0.2	65	0.22	0.048
1117451	Soil		0.9	18.4	33.4	76	0.2	13.3	11.4	599	2.77	8.0	1.1	4.9	2.4	32	0.3	0.6	0.2	52	0.26	0.068
REP 1117451	QC		0.9	17.4	31.7	72	0.2	13.4	11.3	595	2.77	7.8	1.1	7.4	2.3	32	0.4	0.6	0.2	52	0.24	0.068
1117471	Soil		0.6	22.7	16.3	69	0.2	17.6	8.2	218	2.43	9.0	1.3	9.0	5.4	22	0.2	0.7	0.3	53	0.26	0.054
REP 1117471	QC		0.7	22.6	16.3	70	0.2	18.6	8.2	219	2.48	9.0	1.3	2.6	5.5	22	0.2	0.8	0.3	54	0.26	0.056
1117480	Soil		0.7	18.7	8.8	62	0.1	13.3	10.3	334	2.69	5.1	0.6	5.5	1.9	21	<0.1	0.3	0.2	71	0.32	0.043
REP 1117480	QC		0.7	18.9	8.5	63	0.1	13.1	10.1	332	2.65	4.5	0.5	3.4	1.8	20	0.1	0.3	0.2	71	0.30	0.045
Reference Materials																						
STD DS8	Standard		14.3	111.3	127.6	320	1.9	39.3	7.8	616	2.49	27.2	2.8	127.0	7.1	66	2.6	5.6	6.5	44	0.72	0.080
STD DS8	Standard		12.9	111.7	129.4	318	1.9	37.6	7.7	613	2.48	26.5	2.8	120.6	6.9	66	2.4	5.7	6.7	43	0.68	0.081
STD DS8	Standard		13.9	114.4	127.4	316	1.8	40.4	7.7	615	2.52	25.5	2.6	105.8	6.3	59	2.3	5.3	6.6	41	0.68	0.079
STD DS8	Standard		14.3	115.4	126.9	321	1.8	39.8	8.1	651	2.54	27.0	2.7	108.3	6.6	66	2.3	5.7	6.5	41	0.72	0.080
STD DS8	Standard		13.4	110.4	123.7	309	1.7	37.1	7.7	622	2.59	25.9	2.5	101.6	6.3	63	2.2	5.2	6.1	43	0.68	0.083

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

Project: CHA
Report Date: August 09, 2011

QUALITY CONTROL REPORT DAW11000071.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1117554	Soil	11	32	0.50	197	0.062	3	2.16	0.008	0.09	0.2	0.05	3.4	0.2	<0.05	6	<0.5	<0.2
REP 1117554	QC	11	31	0.51	189	0.059	2	2.10	0.008	0.09	0.1	0.04	3.3	0.2	<0.05	6	1.0	<0.2
1117582	Soil	9	19	0.92	329	0.067	<1	1.84	0.008	0.21	0.1	0.02	6.7	0.1	<0.05	5	<0.5	<0.2
REP 1117582	QC	9	20	0.89	320	0.065	<1	1.75	0.008	0.20	<0.1	0.02	6.4	0.1	<0.05	5	<0.5	<0.2
1117267	Soil	10	46	1.19	202	0.154	2	2.91	0.012	0.20	0.3	0.02	4.3	0.2	<0.05	8	<0.5	<0.2
REP 1117267	QC	10	47	1.25	203	0.155	2	3.12	0.015	0.21	0.3	0.02	4.6	0.2	<0.05	9	<0.5	<0.2
1117280	Soil	15	39	1.45	347	0.138	1	2.54	0.009	0.61	<0.1	0.02	10.4	0.3	<0.05	8	<0.5	<0.2
REP 1117280	QC	16	39	1.47	368	0.141	<1	2.60	0.009	0.61	<0.1	0.03	10.3	0.4	<0.05	8	0.5	<0.2
1117281	Soil	12	24	0.49	197	0.058	<1	1.61	0.012	0.13	<0.1	0.04	5.1	0.2	<0.05	6	<0.5	<0.2
REP 1117281	QC	11	23	0.47	193	0.057	1	1.54	0.012	0.13	<0.1	0.03	4.9	0.2	<0.05	6	<0.5	<0.2
1117412	Soil	10	25	0.50	171	0.045	1	1.63	0.011	0.06	0.2	0.04	2.3	0.2	0.06	6	<0.5	<0.2
REP 1117412	QC	10	24	0.48	164	0.042	<1	1.58	0.010	0.06	0.1	0.05	2.2	0.2	0.07	6	0.5	<0.2
1117503	Soil	11	22	0.50	133	0.072	2	1.49	0.012	0.09	0.2	0.03	2.3	0.1	<0.05	5	<0.5	<0.2
REP 1117503	QC	12	22	0.51	137	0.074	2	1.51	0.011	0.09	0.2	0.03	2.4	0.1	<0.05	5	<0.5	<0.2
1117526	Soil	11	23	0.78	215	0.046	2	1.88	0.007	0.09	0.1	0.03	3.7	0.1	<0.05	6	<0.5	<0.2
REP 1117526	QC	12	23	0.82	220	0.049	1	1.97	0.007	0.09	0.1	0.03	4.1	0.1	<0.05	6	<0.5	<0.2
1117451	Soil	10	22	0.57	217	0.060	1	1.81	0.011	0.11	0.1	0.07	2.9	0.2	<0.05	6	<0.5	<0.2
REP 1117451	QC	11	23	0.56	210	0.063	2	1.78	0.011	0.12	0.2	0.05	3.1	0.2	<0.05	6	<0.5	<0.2
1117471	Soil	15	29	0.70	220	0.081	1	1.84	0.010	0.10	0.2	0.05	4.1	0.1	<0.05	5	0.8	<0.2
REP 1117471	QC	15	30	0.70	219	0.084	1	1.83	0.011	0.10	0.2	0.08	4.1	0.1	<0.05	6	0.7	<0.2
1117480	Soil	10	23	0.68	311	0.047	1	1.82	0.010	0.08	0.1	0.05	4.7	0.1	<0.05	6	<0.5	<0.2
REP 1117480	QC	9	22	0.67	310	0.044	1	1.77	0.010	0.08	0.1	0.03	4.6	0.1	<0.05	6	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	15	120	0.63	274	0.120	2	0.94	0.090	0.42	2.6	0.23	2.3	5.4	0.18	5	4.8	5.2
STD DS8	Standard	15	120	0.61	268	0.119	2	0.92	0.093	0.42	2.7	0.22	2.1	5.5	0.18	5	6.2	5.1
STD DS8	Standard	14	115	0.60	273	0.112	2	0.89	0.069	0.42	3.2	0.19	1.9	5.5	0.16	5	5.8	5.6
STD DS8	Standard	15	120	0.61	289	0.118	4	0.93	0.075	0.42	3.1	0.22	2.0	5.6	0.17	5	5.1	4.9
STD DS8	Standard	14	122	0.65	266	0.113	2	0.92	0.075	0.44	2.8	0.21	2.1	5.3	0.18	4	4.9	5.2

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Project: CHA
Report Date: August 09, 2011

QUALITY CONTROL REPORT DAW11000071.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8	Standard	14.0	109.7	127.9	314	1.8	38.6	7.9	617	2.57	27.3	2.6	110.7	6.5	64	2.4	5.3	6.3	43	0.70	0.076
STD DS8	Standard	13.6	111.1	125.0	296	1.7	38.8	7.7	595	2.69	26.0	2.5	132.9	6.6	61	2.0	5.1	5.8	45	0.65	0.070
STD DS8	Standard	12.6	107.7	126.5	296	1.8	36.2	7.6	578	2.54	25.0	2.7	111.3	6.7	61	2.3	5.1	6.0	44	0.68	0.077
STD DS8	Standard	13.4	105.2	107.0	303	1.8	37.7	7.6	620	2.44	27.4	2.6	104.0	6.5	62	2.4	4.9	6.1	45	0.72	0.078
STD DS8	Standard	14.0	107.8	111.9	316	1.8	38.9	7.7	643	2.55	27.8	2.6	110.8	6.8	67	2.5	5.2	6.3	47	0.76	0.081
STD DS8	Standard	13.2	109.3	115.5	313	1.8	37.3	7.3	590	2.40	26.2	2.6	107.3	6.4	67	2.2	5.8	6.5	41	0.67	0.079
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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

Project: CHA
Report Date: August 09, 2011

QUALITY CONTROL REPORT DAW11000071.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	15	118	0.62	280	0.116	1	0.91	0.075	0.42	2.8	0.19	2.1	5.5	0.18	5	5.1	5.3
STD DS8	Standard	14	123	0.52	268	0.119	3	0.85	0.075	0.39	3.0	0.19	2.2	5.2	0.13	4	5.5	4.9
STD DS8	Standard	14	115	0.53	266	0.119	3	0.88	0.079	0.39	2.9	0.19	2.0	5.2	0.10	4	4.5	4.3
STD DS8	Standard	16	119	0.60	283	0.119	3	0.94	0.090	0.42	3.0	0.20	2.2	5.4	0.17	5	5.2	4.8
STD DS8	Standard	17	125	0.63	289	0.124	2	0.96	0.096	0.42	2.9	0.20	2.2	5.5	0.18	5	5.8	5.4
STD DS8	Standard	14	112	0.59	275	0.122	3	0.87	0.084	0.41	2.9	0.20	2.1	5.3	0.13	5	6.3	4.9
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

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

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: July 24, 2011
Report Date: August 10, 2011
Page: 1 of 11

CERTIFICATE OF ANALYSIS DAW11000077.1

CLIENT JOB INFORMATION

Project: CHA
Shipment ID:
P.O. Number
Number of Samples: 273

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	271	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	271	Dry at 60C			WHI
1DX2	271	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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

Project: CHA
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS DAW11000077.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1117701	Soil		1.4	18.9	19.5	38	0.4	12.3	5.8	196	2.54	20.5	0.8	4.5	0.5	23	0.3	1.1	0.3	46	0.16	0.085
1117702	Soil		1.2	19.1	38.8	56	0.3	12.7	9.1	278	3.98	17.6	1.5	17.8	7.7	38	0.2	1.4	0.6	42	0.15	0.050
1117703	Soil		1.0	28.6	55.1	60	0.3	15.0	8.1	336	2.98	13.6	1.1	14.5	2.4	59	0.2	1.1	0.3	49	0.20	0.065
1117704	Soil		1.3	20.5	31.4	57	0.2	15.2	13.2	522	2.71	7.4	0.8	2.7	1.0	29	0.3	0.8	0.3	58	0.19	0.089
1117705	Soil		1.0	22.0	17.8	60	<0.1	13.8	12.3	318	3.61	11.4	1.2	4.9	4.3	48	0.2	0.9	0.2	74	0.19	0.033
1117706	Soil		0.9	32.8	26.4	54	0.2	16.9	12.0	264	3.55	11.2	1.2	9.0	4.0	80	0.2	1.0	0.2	67	0.21	0.051
1117707	Soil		1.2	31.9	24.6	51	0.2	16.6	11.8	340	3.12	10.4	1.4	4.1	2.1	75	0.2	1.1	0.2	60	0.41	0.081
1117708	Soil		1.1	33.4	41.6	73	0.3	17.1	13.8	384	3.88	19.1	1.4	6.4	4.0	56	0.3	1.3	0.3	67	0.31	0.059
1117709	Soil		1.6	14.4	16.9	33	0.2	8.3	3.8	139	2.68	8.7	0.6	1.5	1.9	12	0.2	0.9	0.3	77	0.09	0.042
1117710	Soil		1.2	26.0	8.7	53	<0.1	15.9	11.6	311	3.40	9.0	1.1	3.3	5.1	41	0.2	0.7	0.2	72	0.24	0.035
1117711	Soil		1.2	28.0	19.3	57	<0.1	16.5	12.5	325	4.09	17.1	0.8	3.0	3.7	35	0.2	0.9	0.3	73	0.16	0.042
1117712	Soil		2.0	28.5	13.8	60	<0.1	17.6	17.0	388	3.90	12.7	1.0	3.1	3.6	33	0.1	0.8	0.2	79	0.19	0.042
1117713	Soil		0.9	23.2	13.1	72	<0.1	17.5	14.0	347	3.36	10.6	0.8	2.4	4.0	41	0.3	0.6	0.2	69	0.28	0.047
1117714	Soil		1.7	33.8	30.5	134	<0.1	15.3	24.0	984	3.56	32.7	1.8	3.7	8.5	49	0.9	1.4	0.2	55	0.23	0.027
1117715	Soil		1.2	17.5	79.5	57	0.2	16.1	11.3	372	2.84	12.0	0.7	3.8	3.8	24	0.2	0.9	0.2	64	0.19	0.028
1117716	Soil		1.9	39.2	208.3	91	1.0	20.0	12.0	319	3.73	15.2	2.0	5.8	4.2	33	0.2	1.2	0.4	74	0.24	0.066
1117717	Soil		1.2	22.7	18.1	80	<0.1	16.8	14.1	536	3.53	7.1	0.7	2.3	5.5	25	0.2	0.5	0.2	76	0.26	0.062
1117718	Soil		1.4	23.3	21.4	72	0.2	16.1	12.6	588	3.18	8.2	1.3	3.3	5.2	33	0.3	0.9	0.2	67	0.24	0.032
1117719	Soil		1.3	18.3	17.3	69	<0.1	15.7	10.6	441	3.12	9.2	0.7	1.6	3.8	30	0.2	0.9	0.2	68	0.23	0.040
1117720	Soil		1.3	25.3	15.7	85	0.2	16.0	12.0	474	3.45	11.4	1.0	2.5	4.2	29	0.3	0.9	0.3	71	0.19	0.037
1117721	Soil		1.0	20.4	85.8	181	<0.1	10.9	10.1	614	2.95	13.2	1.1	6.0	6.2	42	0.2	0.9	0.2	45	0.19	0.043
1117722	Soil		0.9	23.3	40.7	85	<0.1	17.3	16.6	834	3.77	12.3	1.0	1.9	7.2	87	0.3	0.7	0.3	74	0.27	0.044
1117723	Soil		1.0	27.2	13.9	73	0.1	20.6	12.1	455	3.14	7.2	1.2	2.9	4.6	32	0.2	0.5	0.2	68	0.29	0.049
1117724	Soil		1.1	28.2	14.4	65	0.2	18.8	13.5	593	3.30	6.4	1.6	1.8	4.5	23	0.2	0.5	0.4	61	0.29	0.053
1117725	Soil		1.1	20.0	14.9	60	0.1	16.9	10.5	414	2.88	7.3	1.3	2.0	2.8	22	0.1	0.6	0.3	59	0.27	0.049
1117726	Soil		1.5	16.5	14.8	44	<0.1	11.8	6.4	297	2.26	5.0	1.3	1.3	0.9	15	0.1	0.4	0.2	51	0.14	0.046
1117727	Soil		2.0	21.9	13.0	68	0.1	16.5	12.3	775	3.30	7.1	1.7	0.9	4.2	26	0.1	0.5	0.2	62	0.41	0.052
1118119	Soil		1.1	24.2	22.0	65	<0.1	17.7	12.9	416	2.96	8.7	0.9	4.1	2.5	46	0.3	0.7	0.2	63	0.21	0.050
1118116	Soil		1.5	17.2	16.5	50	0.2	14.5	8.5	448	3.30	10.1	0.7	2.2	1.4	15	0.3	0.7	0.2	82	0.10	0.054
1118117	Soil		1.9	23.2	35.3	83	0.2	17.2	10.6	499	3.09	15.2	0.9	3.4	1.8	72	0.3	1.8	0.3	65	0.43	0.064

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

Project: CHA
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS DAW11000077.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1117701	Soil		8	21	0.25	213	0.027	2	1.03	0.016	0.08	0.2	0.09	1.5	0.2	0.18	4	0.6	<0.2
1117702	Soil		19	20	0.28	385	0.026	2	1.10	0.062	0.16	0.3	0.04	2.3	0.2	0.50	3	0.9	0.3
1117703	Soil		12	25	0.43	439	0.041	<1	1.84	0.038	0.11	0.2	0.06	3.3	0.3	0.23	6	0.8	<0.2
1117704	Soil		8	27	0.40	400	0.066	2	1.55	0.022	0.13	0.1	0.14	2.3	0.2	0.18	6	0.5	<0.2
1117705	Soil		11	21	0.61	292	0.078	<1	1.91	0.012	0.12	0.2	0.03	4.1	0.2	0.05	6	<0.5	<0.2
1117706	Soil		10	33	0.63	279	0.071	<1	2.29	0.021	0.19	0.2	0.05	4.6	0.3	0.11	7	0.8	<0.2
1117707	Soil		12	32	0.60	293	0.063	1	2.26	0.028	0.16	0.2	0.10	4.6	0.3	0.19	7	0.5	0.2
1117708	Soil		12	33	0.76	241	0.084	<1	2.70	0.028	0.21	0.2	0.07	4.7	0.3	0.14	7	<0.5	0.3
1117709	Soil		10	20	0.21	68	0.063	<1	1.47	0.006	0.04	0.2	0.06	1.8	0.1	<0.05	8	<0.5	<0.2
1117710	Soil		12	27	0.73	170	0.127	2	2.04	0.028	0.23	0.2	0.03	5.2	0.2	0.09	6	<0.5	<0.2
1117711	Soil		10	30	0.74	165	0.113	<1	2.44	0.030	0.25	0.1	0.04	4.4	0.3	0.15	7	0.6	<0.2
1117712	Soil		10	26	0.75	150	0.110	<1	2.64	0.020	0.22	0.1	0.04	4.7	0.2	0.07	7	<0.5	<0.2
1117713	Soil		10	31	0.94	186	0.142	<1	2.42	0.013	0.21	0.1	0.03	3.9	0.2	<0.05	7	<0.5	<0.2
1117714	Soil		20	16	0.61	426	0.024	<1	2.79	0.009	0.14	<0.1	0.01	5.6	0.2	<0.05	7	0.6	<0.2
1117715	Soil		11	27	0.64	120	0.093	1	2.22	0.012	0.09	0.1	0.04	3.3	0.1	<0.05	6	0.5	<0.2
1117716	Soil		32	33	0.72	206	0.073	2	3.17	0.011	0.15	0.1	0.07	5.6	0.2	<0.05	8	0.7	<0.2
1117717	Soil		10	27	0.84	202	0.170	<1	2.26	0.012	0.42	0.2	0.02	3.4	0.2	<0.05	7	<0.5	<0.2
1117718	Soil		21	25	0.77	240	0.107	<1	2.01	0.012	0.19	0.2	0.03	4.2	0.1	<0.05	6	<0.5	<0.2
1117719	Soil		12	26	0.68	207	0.103	<1	2.04	0.012	0.19	0.2	0.02	3.2	0.1	<0.05	7	<0.5	<0.2
1117720	Soil		12	24	0.79	194	0.123	1	2.22	0.012	0.25	0.1	0.03	4.0	0.2	<0.05	6	0.5	<0.2
1117721	Soil		18	19	0.60	201	0.037	<1	2.08	0.009	0.12	0.1	0.02	2.8	0.1	<0.05	5	<0.5	<0.2
1117722	Soil		26	31	1.01	459	0.092	<1	2.21	0.011	0.23	<0.1	0.02	5.7	0.2	<0.05	7	<0.5	<0.2
1117723	Soil		17	28	0.72	299	0.093	<1	2.01	0.012	0.16	0.1	0.02	4.6	0.1	<0.05	6	<0.5	<0.2
1117724	Soil		24	25	0.72	262	0.058	1	1.96	0.011	0.14	0.1	0.03	4.4	0.1	<0.05	6	<0.5	<0.2
1117725	Soil		16	26	0.58	224	0.047	<1	1.85	0.010	0.09	0.1	0.03	3.4	0.1	<0.05	6	<0.5	<0.2
1117726	Soil		13	21	0.36	191	0.031	<1	1.72	0.014	0.07	0.1	0.03	2.5	0.1	<0.05	6	<0.5	<0.2
1117727	Soil		16	25	0.77	495	0.037	<1	2.06	0.011	0.09	0.1	0.04	5.0	0.1	<0.05	6	<0.5	<0.2
1118119	Soil		8	26	0.66	248	0.091	1	2.12	0.018	0.11	0.2	0.06	3.8	0.2	0.06	6	<0.5	<0.2
1118116	Soil		9	27	0.38	118	0.085	<1	2.14	0.010	0.06	0.1	0.09	2.8	0.1	0.06	8	<0.5	<0.2
1118117	Soil		9	28	0.57	324	0.059	<1	1.84	0.024	0.11	0.2	0.07	3.4	0.3	0.10	6	<0.5	0.2

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Vancouver BC V6C 1H2 Canada

Project: CHA
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS DAW11000077.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1118118	Soil		1.3	19.2	20.1	49	0.2	14.8	7.1	286	3.30	14.1	0.6	11.5	1.2	28	0.2	2.0	0.3	60	0.13	0.055
1118120	Soil		1.0	22.0	21.0	64	0.1	15.5	15.8	455	2.84	9.8	0.9	4.6	3.2	33	0.2	1.0	0.2	61	0.19	0.037
1118121	Soil		1.0	27.6	28.2	66	0.1	17.4	15.7	460	2.93	12.4	0.9	7.4	3.1	63	0.3	1.2	0.2	56	0.38	0.045
1118122	Soil		1.5	39.4	27.8	78	0.1	21.4	17.8	561	3.86	15.2	1.3	9.1	3.2	40	0.2	1.3	0.3	76	0.23	0.058
1118123	Soil		0.5	8.6	4.3	27	<0.1	2.5	3.1	106	1.45	2.0	0.2	<0.5	0.4	9	<0.1	0.1	<0.1	37	0.08	0.021
1118124	Soil		0.7	7.4	7.3	30	<0.1	3.5	3.3	118	1.61	3.4	0.3	1.3	0.4	10	<0.1	0.2	<0.1	35	0.07	0.028
1118125	Soil		1.2	18.5	12.4	49	0.1	15.4	10.5	254	2.74	9.4	0.6	12.3	2.3	17	0.2	0.5	0.2	60	0.14	0.033
1118126	Soil		1.2	31.9	9.7	57	<0.1	21.5	12.5	331	3.18	8.0	0.8	3.6	3.0	53	0.2	0.5	0.2	70	0.25	0.042
1118127	Soil		0.9	42.9	11.2	56	<0.1	16.6	8.2	211	2.42	6.1	0.7	3.4	2.5	52	0.2	0.5	0.1	56	0.31	0.050
1118128	Soil		1.1	21.6	11.8	58	0.1	17.3	10.9	319	2.69	7.7	0.6	1.4	1.5	32	0.1	0.5	0.2	60	0.24	0.040
1118129	Soil		1.1	19.6	13.6	59	<0.1	19.8	11.6	511	2.65	9.0	0.6	7.5	3.2	17	0.3	0.5	0.2	55	0.13	0.040
1118130	Soil		1.1	16.7	14.1	55	0.1	15.6	9.9	426	2.31	7.7	0.6	3.0	1.4	23	0.2	0.5	0.2	50	0.17	0.047
1118131	Soil		1.0	11.0	11.8	50	0.1	13.1	8.4	321	2.06	5.6	0.5	2.4	1.0	23	0.2	0.4	0.2	46	0.21	0.048
1118132	Soil		0.7	10.0	10.4	46	0.1	12.0	4.9	137	1.87	4.7	0.6	3.2	0.9	21	0.1	0.3	0.2	36	0.19	0.049
1118133	Soil		0.5	11.4	11.4	47	0.1	12.3	5.3	131	1.61	4.5	0.6	3.6	1.1	19	0.2	0.3	0.2	37	0.17	0.042
1118134	Soil		0.6	13.4	13.8	53	<0.1	13.9	6.3	150	1.79	4.7	0.6	4.4	2.4	20	0.2	0.5	0.1	40	0.20	0.039
1118135	Soil		0.4	8.7	12.5	42	0.1	10.9	4.2	102	1.42	3.2	0.5	1.6	0.5	19	0.2	0.3	0.2	29	0.16	0.045
1118136	Soil		0.5	7.7	15.0	52	0.1	11.7	6.3	164	1.85	5.2	0.5	4.7	0.7	16	<0.1	0.3	0.1	39	0.14	0.043
1118137	Soil		0.6	9.8	14.7	52	0.1	11.6	5.8	234	1.98	5.4	0.5	2.7	1.3	15	0.2	0.3	0.1	42	0.13	0.043
1118138	Soil		0.3	8.5	13.4	39	0.1	10.8	3.8	124	1.29	2.3	0.5	1.3	1.1	15	<0.1	0.2	0.1	27	0.14	0.029
1118139	Soil		0.5	8.8	11.5	37	0.1	9.4	3.9	122	1.60	3.8	0.5	2.2	0.7	14	0.1	0.2	0.1	31	0.13	0.038
1118140	Soil		0.5	13.2	18.5	56	0.1	13.4	5.9	185	1.96	5.7	0.7	1.0	2.1	19	0.2	0.4	0.2	44	0.19	0.040
1118141	Soil		0.5	9.4	21.8	49	0.2	11.2	5.4	172	1.71	4.3	0.5	1.9	1.5	19	0.2	0.3	0.1	32	0.19	0.045
1118142	Soil		0.5	9.1	12.0	55	<0.1	10.8	9.2	388	2.11	5.0	0.6	1.4	2.2	19	0.2	0.3	0.1	41	0.19	0.045
1118143	Soil		0.7	10.2	10.8	56	<0.1	12.5	10.5	753	2.43	4.7	0.6	1.5	2.5	16	0.1	0.3	0.2	50	0.18	0.038
1118144	Soil		0.9	8.4	12.0	57	<0.1	10.7	11.1	556	2.37	5.5	0.5	1.0	1.9	15	<0.1	0.3	0.2	49	0.20	0.045
1117801	Soil		0.5	25.3	15.6	111	<0.1	18.5	13.2	1037	3.44	3.3	0.7	<0.5	5.1	14	0.2	0.5	0.3	55	0.30	0.083
1117802	Soil		1.0	28.6	29.6	88	0.1	26.7	13.5	698	3.38	41.4	1.0	2.2	6.1	52	0.1	3.1	0.3	33	0.26	0.061
1117803	Soil		1.7	12.6	3.7	52	0.1	26.7	21.1	814	4.45	7.5	0.2	1.4	1.0	18	<0.1	4.7	<0.1	76	0.51	0.137
1117804	Soil		4.4	60.5	14.9	78	0.4	26.4	8.9	199	2.58	39.3	2.3	3.8	2.6	26	0.3	6.2	0.3	56	0.21	0.104

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

Project: CHA
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS DAW11000077.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1118118	Soil		8	24	0.36	164	0.054	<1	1.92	0.017	0.09	0.2	0.08	2.1	0.3	0.12	7	<0.5	<0.2
1118120	Soil		10	24	0.63	229	0.082	<1	2.08	0.020	0.15	0.2	0.05	4.3	0.3	<0.05	6	<0.5	<0.2
1118121	Soil		9	21	0.57	214	0.073	<1	2.19	0.032	0.13	0.2	0.05	3.8	0.2	0.10	6	0.6	<0.2
1118122	Soil		11	35	0.82	270	0.094	<1	2.74	0.026	0.17	0.2	0.07	5.7	0.3	0.06	8	0.5	<0.2
1118123	Soil		2	7	0.15	30	0.067	<1	0.73	0.023	0.03	<0.1	0.02	0.9	<0.1	<0.05	4	<0.5	<0.2
1118124	Soil		4	9	0.21	34	0.060	<1	0.79	0.020	0.03	<0.1	0.03	0.8	<0.1	<0.05	4	<0.5	<0.2
1118125	Soil		7	24	0.48	161	0.076	2	1.77	0.010	0.06	0.2	0.05	2.8	0.1	<0.05	6	0.6	<0.2
1118126	Soil		7	43	0.92	298	0.120	1	2.00	0.013	0.25	0.1	0.03	3.8	0.2	<0.05	7	0.8	<0.2
1118127	Soil		8	25	0.70	216	0.069	1	1.84	0.016	0.17	0.1	0.03	3.6	0.2	<0.05	5	0.5	<0.2
1118128	Soil		8	31	0.66	212	0.070	2	1.89	0.014	0.11	0.2	0.03	3.3	0.2	<0.05	6	0.6	<0.2
1118129	Soil		8	27	0.50	145	0.065	2	2.14	0.010	0.07	0.2	0.05	3.0	0.1	<0.05	6	0.8	<0.2
1118130	Soil		7	24	0.48	190	0.056	1	1.76	0.013	0.07	0.1	0.03	2.8	0.1	<0.05	5	0.6	<0.2
1118131	Soil		7	22	0.47	186	0.052	2	1.57	0.014	0.06	0.1	0.03	2.4	0.1	<0.05	5	<0.5	<0.2
1118132	Soil		7	20	0.40	175	0.041	1	1.50	0.009	0.05	0.1	0.04	2.2	0.1	<0.05	5	0.7	<0.2
1118133	Soil		8	20	0.44	188	0.043	2	1.62	0.009	0.05	<0.1	0.03	2.5	0.1	<0.05	5	<0.5	<0.2
1118134	Soil		9	21	0.47	196	0.058	2	1.58	0.010	0.06	0.1	0.04	2.9	0.1	<0.05	4	<0.5	<0.2
1118135	Soil		7	19	0.37	162	0.041	2	1.52	0.011	0.05	0.1	0.04	1.8	0.1	<0.05	5	<0.5	<0.2
1118136	Soil		7	22	0.41	145	0.041	2	1.63	0.009	0.05	0.1	0.04	1.9	0.2	<0.05	5	<0.5	<0.2
1118137	Soil		8	21	0.43	149	0.045	<1	1.66	0.008	0.05	0.1	0.05	2.3	0.1	<0.05	5	<0.5	<0.2
1118138	Soil		7	21	0.38	129	0.047	1	1.56	0.008	0.05	0.1	0.06	2.1	0.2	<0.05	5	0.7	<0.2
1118139	Soil		7	18	0.34	118	0.032	<1	1.39	0.008	0.04	0.1	0.04	1.8	0.1	<0.05	4	0.6	<0.2
1118140	Soil		9	21	0.48	183	0.038	1	1.62	0.009	0.05	0.1	0.04	2.6	0.1	<0.05	5	0.6	<0.2
1118141	Soil		9	20	0.41	156	0.042	<1	1.40	0.009	0.05	0.1	0.04	2.2	<0.1	<0.05	4	<0.5	<0.2
1118142	Soil		10	19	0.47	170	0.034	<1	1.41	0.008	0.06	0.1	0.03	2.6	<0.1	<0.05	5	<0.5	<0.2
1118143	Soil		11	21	0.53	183	0.037	1	1.55	0.007	0.06	<0.1	0.02	2.7	0.1	<0.05	5	<0.5	<0.2
1118144	Soil		10	19	0.51	151	0.030	<1	1.52	0.008	0.06	0.1	0.03	2.5	0.1	<0.05	5	<0.5	<0.2
1117801	Soil		18	38	1.23	781	0.157	<1	1.95	0.011	0.97	<0.1	0.02	5.8	0.4	<0.05	8	<0.5	<0.2
1117802	Soil		15	17	0.14	599	0.004	<1	0.86	0.004	0.22	0.2	0.43	7.8	0.2	0.14	3	0.6	<0.2
1117803	Soil		8	30	0.62	861	0.069	<1	1.09	0.017	0.43	<0.1	0.17	12.3	0.2	<0.05	6	<0.5	<0.2
1117804	Soil		16	23	0.21	594	0.006	<1	1.28	0.007	0.09	0.2	0.38	4.6	0.2	0.07	4	3.2	<0.2

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Project: CHA
Report Date: August 10, 2011

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1117805	Soil	9.5	34.5	29.3	60	0.4	14.6	4.8	148	3.41	85.1	2.5	1.3	0.8	37	0.2	7.1	0.4	81	0.38	0.474
1117806	Soil	4.3	40.9	12.1	51	0.2	14.5	6.1	194	2.80	42.5	1.4	3.0	0.3	19	0.1	5.5	0.2	57	0.14	0.092
1117807	Soil	4.1	30.2	13.7	53	0.1	14.3	23.0	1476	3.81	72.0	0.8	2.8	1.7	20	<0.1	9.0	0.2	58	0.13	0.074
1117808	Soil	8.8	48.1	13.0	76	0.2	16.1	8.0	224	3.86	62.6	1.7	5.4	2.0	22	0.1	9.6	0.4	60	0.19	0.106
1117809	Soil	3.8	29.9	13.1	83	0.5	18.9	9.5	356	3.10	50.9	1.1	12.6	3.5	20	0.2	10.7	0.3	42	0.14	0.072
1117810	Soil	4.0	32.0	11.4	88	0.2	16.3	7.3	176	3.38	102.5	0.8	3.8	2.2	21	0.1	6.0	0.3	47	0.11	0.060
1117811	Soil	2.3	23.0	13.4	85	<0.1	18.2	10.9	533	4.27	32.2	0.7	3.0	1.2	15	0.2	3.0	0.3	40	0.08	0.093
1117812	Soil	2.4	23.3	12.6	78	0.1	19.2	9.5	348	2.99	28.8	1.0	9.6	1.4	18	0.3	2.3	0.2	45	0.16	0.070
1117814	Soil	1.1	20.5	10.4	56	<0.1	9.8	6.0	376	2.44	12.6	1.0	2.5	0.4	12	0.3	0.9	0.2	40	0.09	0.051
1117813	Soil	2.0	23.9	18.8	104	0.1	20.7	10.4	430	3.35	58.0	1.0	2.2	2.7	21	0.3	4.1	0.2	34	0.15	0.071
1117815	Soil	1.7	16.5	7.0	72	<0.1	9.9	10.2	487	3.00	5.1	0.5	1.2	1.6	13	0.4	0.5	0.1	48	0.17	0.054
1117817	Soil	0.7	38.6	16.6	77	0.2	6.6	15.3	993	5.16	28.2	0.8	3.1	1.6	12	0.3	2.8	0.6	29	0.34	0.098
1117818	Soil	0.5	48.5	18.2	82	0.2	7.8	18.2	1076	5.86	32.7	0.8	3.0	1.6	12	0.2	3.5	0.8	29	0.34	0.112
1117816	Soil	1.5	18.0	9.6	82	0.2	12.5	9.7	580	3.45	6.7	0.9	3.4	2.3	15	0.2	1.2	0.2	34	0.20	0.065
1117819	Soil	1.1	91.5	8.7	102	<0.1	12.1	17.6	762	5.81	7.5	0.7	2.2	2.1	17	0.2	3.4	0.6	63	0.48	0.196
1117820	Soil	1.4	21.9	8.9	76	0.1	9.9	10.1	508	3.67	5.2	0.8	1.4	2.8	13	0.2	1.2	0.1	49	0.27	0.081
1117821	Soil	1.3	22.9	11.4	80	0.2	14.6	9.6	405	3.20	14.2	1.3	4.1	3.0	18	0.2	1.1	0.2	45	0.31	0.056
1117823	Soil	0.6	39.3	10.1	91	0.2	16.0	20.7	548	4.68	4.9	0.7	3.9	2.2	18	0.2	1.2	0.2	113	0.42	0.054
1117822	Soil	0.9	15.2	10.5	74	0.1	11.4	9.0	223	2.90	6.9	0.5	1.0	2.2	15	0.2	0.8	0.2	64	0.24	0.040
1117825	Soil	0.8	31.7	10.6	90	0.2	13.9	16.6	601	4.80	8.9	0.5	6.2	2.1	19	0.2	1.6	0.2	87	0.41	0.070
1117829	Soil	1.3	55.8	5.3	50	<0.1	11.3	16.0	421	3.85	5.4	0.7	3.0	3.3	20	<0.1	1.0	0.1	79	0.36	0.033
1117830	Soil	3.1	40.6	14.4	74	0.2	27.6	17.8	671	4.25	27.7	0.7	4.8	4.3	32	0.2	2.7	0.1	62	0.94	0.068
1117831	Soil	5.1	56.2	15.6	131	0.4	42.1	15.3	617	3.27	33.5	0.9	10.2	3.4	39	0.4	4.2	0.3	35	0.92	0.071
1117436	Soil	0.9	26.6	21.6	70	0.2	19.5	12.6	425	3.10	9.5	0.6	8.2	2.0	35	0.2	0.8	0.2	76	0.27	0.046
1117437	Soil	0.5	23.8	25.8	67	<0.1	9.3	9.9	639	2.43	14.6	0.7	4.7	1.9	118	0.2	1.2	0.2	31	0.46	0.040
1117438	Soil	1.2	29.7	13.5	53	<0.1	20.0	12.1	330	3.02	9.4	0.7	7.3	1.7	41	0.2	0.8	0.2	67	0.20	0.053
1117439	Soil	0.9	24.5	13.3	54	<0.1	16.6	9.7	318	2.42	7.3	0.6	11.5	1.8	22	0.2	0.7	0.1	55	0.19	0.035
1117440	Soil	0.9	24.3	10.4	46	<0.1	14.0	7.7	214	2.81	18.2	0.5	28.4	1.4	30	0.1	1.5	0.1	51	0.19	0.043
1117441	Soil	1.6	21.5	20.5	54	0.1	15.9	11.2	391	2.95	16.0	0.6	1.2	2.5	42	0.2	1.3	0.3	61	0.28	0.042
1117442	Soil	0.7	7.6	38.2	16	0.1	4.3	2.3	68	0.79	1.6	0.2	1.2	0.1	37	0.2	0.2	0.1	20	0.34	0.050

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CERTIFICATE OF ANALYSIS DAW11000077.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1117805	Soil		9	36	0.24	441	0.012	1	1.16	0.007	0.20	0.4	0.35	3.4	0.3	0.31	4	6.9	<0.2
1117806	Soil		8	21	0.23	347	0.009	1	1.15	0.007	0.12	0.2	0.29	2.1	0.2	0.15	4	1.8	<0.2
1117807	Soil		7	21	0.27	261	0.027	<1	1.15	0.007	0.16	0.1	0.16	3.9	0.4	0.20	4	1.0	<0.2
1117808	Soil		10	26	0.30	460	0.016	<1	1.43	0.007	0.13	0.2	0.95	5.7	0.3	0.16	5	3.0	<0.2
1117809	Soil		10	23	0.26	286	0.023	1	0.97	0.005	0.09	0.3	0.29	4.3	0.2	0.07	3	2.3	<0.2
1117810	Soil		8	20	0.23	245	0.017	<1	1.03	0.006	0.13	0.3	0.16	3.1	0.2	0.17	3	1.7	0.2
1117811	Soil		5	23	0.15	203	0.013	<1	0.95	0.004	0.10	0.2	0.17	5.3	0.2	0.10	3	0.9	<0.2
1117812	Soil		9	25	0.29	324	0.014	1	1.38	0.006	0.07	0.2	0.23	4.8	0.2	<0.05	4	0.7	<0.2
1117814	Soil		11	17	0.21	251	0.019	<1	1.44	0.007	0.10	0.1	0.11	2.7	0.1	<0.05	5	0.5	<0.2
1117813	Soil		8	13	0.14	290	0.010	2	0.74	0.005	0.16	0.3	0.20	6.4	0.2	0.10	3	0.5	<0.2
1117815	Soil		9	27	0.54	246	0.059	<1	1.42	0.010	0.19	<0.1	0.02	5.2	<0.1	<0.05	6	<0.5	<0.2
1117817	Soil		3	16	0.12	234	0.001	<1	0.55	0.002	0.15	0.2	0.41	15.3	0.1	<0.05	2	0.7	<0.2
1117818	Soil		3	16	0.11	208	0.001	<1	0.41	0.002	0.13	0.2	0.38	17.3	<0.1	<0.05	<1	<0.5	<0.2
1117816	Soil		12	14	0.22	602	0.010	1	1.00	0.006	0.10	0.1	0.14	6.4	<0.1	<0.05	3	<0.5	<0.2
1117819	Soil		5	10	0.40	880	0.069	<1	1.13	0.006	0.34	<0.1	0.07	14.0	0.2	<0.05	4	0.5	<0.2
1117820	Soil		13	16	0.42	571	0.044	<1	1.29	0.008	0.20	0.1	0.05	8.5	0.1	<0.05	4	<0.5	<0.2
1117821	Soil		11	20	0.32	458	0.021	<1	1.31	0.007	0.09	0.1	0.15	8.1	0.1	<0.05	4	<0.5	<0.2
1117823	Soil		10	20	0.73	515	0.032	<1	1.91	0.013	0.14	0.1	0.07	14.0	<0.1	<0.05	6	<0.5	<0.2
1117822	Soil		8	19	0.51	334	0.041	<1	1.66	0.009	0.09	0.1	0.07	3.9	0.1	<0.05	5	<0.5	<0.2
1117825	Soil		9	16	0.42	770	0.016	1	1.40	0.008	0.14	0.1	0.08	12.1	0.1	<0.05	4	0.7	<0.2
1117829	Soil		13	20	0.71	495	0.068	<1	1.52	0.008	0.28	0.2	0.04	13.3	0.1	<0.05	5	<0.5	<0.2
1117830	Soil		13	63	0.94	423	0.019	<1	1.21	0.007	0.28	0.1	0.10	17.7	0.1	<0.05	4	<0.5	<0.2
1117831	Soil		15	17	0.32	438	0.003	<1	0.76	0.005	0.12	0.2	0.35	6.2	<0.1	0.06	2	0.8	<0.2
1117436	Soil		7	23	0.71	220	0.094	<1	1.85	0.023	0.12	0.2	0.04	4.4	0.2	<0.05	5	<0.5	<0.2
1117437	Soil		5	12	0.45	368	0.015	<1	2.38	0.046	0.12	<0.1	0.02	3.1	0.6	0.15	4	0.5	0.3
1117438	Soil		7	35	0.63	227	0.083	<1	1.87	0.027	0.11	0.2	0.03	3.4	0.2	0.10	6	<0.5	<0.2
1117439	Soil		8	21	0.51	158	0.068	<1	1.53	0.015	0.08	0.2	0.04	2.9	0.2	<0.05	4	<0.5	<0.2
1117440	Soil		7	22	0.52	161	0.061	<1	1.60	0.016	0.11	0.1	0.05	3.1	0.2	<0.05	5	<0.5	<0.2
1117441	Soil		9	23	0.45	231	0.077	<1	1.70	0.012	0.09	0.2	0.08	2.9	0.2	<0.05	6	<0.5	<0.2
1117442	Soil		2	7	0.08	146	0.024	<1	0.34	0.011	0.03	<0.1	0.09	0.7	<0.1	0.07	1	<0.5	<0.2

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

Project: CHA
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS DAW11000077.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1117443	Soil		0.8	23.5	16.1	59	<0.1	17.0	10.4	339	2.58	9.6	0.7	11.6	2.0	28	0.2	0.8	0.2	52	0.19	0.043
1117444	Soil		1.0	20.2	13.2	54	0.1	14.8	8.8	322	2.39	8.0	0.7	3.5	1.4	36	0.3	0.7	0.2	47	0.19	0.054
1117445	Soil		0.9	20.5	13.7	52	0.3	13.6	10.2	402	2.38	8.1	0.6	4.2	1.8	34	0.1	1.0	0.2	46	0.18	0.047
1117446	Soil		0.8	19.2	14.1	57	0.2	14.8	9.4	374	2.46	8.4	0.7	1.4	1.9	34	0.2	0.8	0.2	50	0.21	0.045
1117447	Soil		1.0	16.4	12.9	56	0.1	17.4	9.7	338	2.65	8.6	0.6	2.8	2.8	32	0.2	0.6	0.2	57	0.22	0.037
1117448	Soil		1.3	25.5	10.8	38	0.3	10.5	32.0	2280	1.70	3.3	1.5	3.4	0.4	41	0.4	0.6	0.1	30	0.36	0.118
1117449	Soil		1.6	25.4	18.4	59	0.4	15.4	16.7	1191	3.09	10.8	1.2	4.5	1.0	27	0.2	0.8	0.2	62	0.23	0.111
1117596	Soil		0.8	11.2	16.1	58	0.2	12.1	5.8	208	2.33	6.3	0.7	1.9	1.8	26	0.2	0.4	0.2	48	0.24	0.054
1117450	Soil		1.1	16.6	17.7	54	0.2	12.9	7.4	276	2.12	6.7	0.9	5.0	0.8	24	0.2	0.5	0.2	49	0.19	0.075
1117587	Soil		0.6	15.7	15.0	61	0.2	14.8	7.7	188	2.26	7.4	0.7	3.3	2.5	20	0.1	0.7	0.2	51	0.18	0.052
1117599	Soil		0.9	9.5	10.0	60	0.1	12.8	12.0	628	2.66	5.0	0.7	2.8	2.3	18	0.1	0.3	0.2	54	0.20	0.054
1119579	Soil		0.7	8.2	8.1	54	<0.1	11.2	8.7	418	2.47	4.8	0.6	1.1	2.5	17	<0.1	0.4	0.2	51	0.24	0.047
1119580	Soil		1.2	11.1	9.5	50	0.2	12.0	27.7	2067	3.35	5.8	0.9	2.2	1.9	19	0.2	0.4	0.2	48	0.23	0.069
1117586	Soil		0.8	12.2	11.9	52	0.1	11.5	5.4	276	2.14	7.0	0.6	1.9	0.7	23	0.2	0.5	0.1	46	0.18	0.057
1117589	Soil		L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
1117588	Soil		L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
1117597	Soil		0.8	10.9	15.9	58	0.2	11.9	5.6	195	2.44	11.6	0.7	3.0	2.0	26	0.2	0.5	0.2	54	0.18	0.056
1117590	Soil		0.8	6.8	9.4	34	<0.1	8.6	6.9	358	1.60	4.1	0.4	0.9	0.6	15	<0.1	0.3	0.1	40	0.13	0.037
1117592	Soil		0.6	13.3	13.5	55	0.1	13.9	9.7	404	2.31	5.6	0.6	6.2	2.1	18	0.2	0.4	0.2	45	0.19	0.049
1117600	Soil		0.8	7.7	7.4	50	<0.1	11.1	8.3	392	2.35	4.0	0.5	5.8	2.8	17	0.1	0.3	0.2	49	0.24	0.049
1117598	Soil		0.7	12.6	12.6	60	0.1	14.0	7.8	312	2.72	7.6	0.8	4.6	3.3	20	0.1	0.4	0.3	51	0.20	0.052
1117594	Soil		0.7	11.1	29.7	65	0.3	14.8	6.5	216	2.28	6.2	0.5	3.8	2.0	20	0.2	0.6	0.3	45	0.21	0.042
1117593	Soil		0.6	10.8	19.0	58	0.2	14.6	7.0	290	2.27	5.4	0.5	2.2	2.3	19	<0.1	0.5	0.2	49	0.20	0.039
1117595	Soil		0.6	11.4	14.1	53	0.2	12.2	7.3	263	2.30	5.4	0.7	3.2	1.8	22	0.2	0.5	0.2	43	0.23	0.055
1117591	Soil		0.4	10.6	13.3	54	0.2	15.1	5.9	161	2.06	5.4	0.6	3.6	1.5	20	0.2	0.5	0.2	40	0.21	0.047
1117628	Soil		1.6	17.8	9.2	59	0.2	14.6	7.7	180	2.45	19.3	0.9	2.7	2.4	22	0.3	3.0	0.2	52	0.22	0.043
1117626	Soil		2.6	14.5	10.4	54	0.2	14.3	9.1	304	2.69	38.2	0.6	4.1	2.6	22	0.1	6.3	0.2	54	0.20	0.043
1117606	Soil		0.8	16.2	8.1	59	0.1	17.4	7.9	490	2.16	6.4	0.6	4.8	1.8	33	0.2	0.6	0.1	46	0.52	0.060
1117601	Soil		0.7	28.5	8.5	74	0.1	19.5	9.4	300	2.91	6.5	0.7	2.7	3.1	27	0.1	0.8	0.2	62	0.42	0.062
1117602	Soil		0.9	31.9	9.2	73	0.1	20.8	9.6	334	2.97	7.8	0.9	3.7	3.6	33	0.4	0.9	0.1	62	0.56	0.063

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1117443	Soil		9	22	0.49	187	0.066	<1	1.70	0.015	0.08	0.2	0.04	2.9	0.1	<0.05	5	<0.5	<0.2
1117444	Soil		8	19	0.44	239	0.053	<1	1.76	0.015	0.08	0.2	0.05	2.4	0.1	<0.05	5	<0.5	<0.2
1117445	Soil		8	21	0.51	188	0.058	<1	1.74	0.012	0.10	0.2	0.06	2.6	0.2	<0.05	5	<0.5	<0.2
1117446	Soil		8	22	0.51	187	0.061	<1	1.85	0.012	0.09	0.2	0.05	2.9	0.2	<0.05	5	<0.5	<0.2
1117447	Soil		8	24	0.52	259	0.071	<1	2.16	0.012	0.08	0.2	0.04	3.2	0.1	<0.05	6	<0.5	<0.2
1117448	Soil		7	18	0.34	261	0.024	<1	1.37	0.012	0.08	0.1	0.12	1.9	0.2	0.13	3	0.7	<0.2
1117449	Soil		8	27	0.44	247	0.044	<1	1.97	0.012	0.07	0.1	0.09	2.8	0.2	0.06	5	0.5	<0.2
1117596	Soil		9	21	0.51	208	0.049	<1	1.72	0.012	0.06	0.1	0.05	2.7	0.1	<0.05	5	<0.5	<0.2
1117450	Soil		7	23	0.44	212	0.040	<1	1.71	0.011	0.06	0.1	0.08	2.5	0.1	<0.05	5	<0.5	<0.2
1117587	Soil		9	25	0.49	222	0.052	<1	1.91	0.011	0.08	0.1	0.04	3.5	0.2	<0.05	5	<0.5	<0.2
1117599	Soil		11	22	0.55	205	0.033	<1	1.69	0.009	0.06	0.1	0.04	3.0	0.1	<0.05	5	<0.5	<0.2
1119579	Soil		11	18	0.54	184	0.027	<1	1.54	0.009	0.05	0.1	0.04	2.9	<0.1	<0.05	5	<0.5	<0.2
1119580	Soil		10	20	0.45	277	0.024	<1	1.52	0.008	0.05	0.1	0.04	3.3	<0.1	<0.05	5	<0.5	<0.2
1117586	Soil		7	20	0.41	187	0.043	<1	1.58	0.010	0.06	0.1	0.04	2.1	0.2	<0.05	5	<0.5	<0.2
1117589	Soil		L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
1117588	Soil		L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
1117597	Soil		10	21	0.46	195	0.033	<1	1.56	0.009	0.05	0.1	0.04	2.6	<0.1	<0.05	5	<0.5	<0.2
1117590	Soil		5	15	0.32	116	0.043	<1	1.12	0.013	0.05	0.1	0.03	1.5	0.1	<0.05	4	<0.5	<0.2
1117592	Soil		9	22	0.47	162	0.049	1	1.65	0.010	0.06	0.2	0.03	2.3	<0.1	<0.05	5	<0.5	<0.2
1117600	Soil		12	17	0.55	167	0.031	<1	1.49	0.008	0.05	0.1	0.01	2.7	<0.1	<0.05	5	<0.5	<0.2
1117598	Soil		12	23	0.57	190	0.037	<1	1.62	0.012	0.06	0.1	0.03	3.0	0.1	0.05	5	0.6	<0.2
1117594	Soil		9	24	0.56	154	0.050	1	1.71	0.010	0.07	0.2	0.03	2.6	0.1	<0.05	6	1.0	<0.2
1117593	Soil		8	24	0.56	146	0.050	1	1.73	0.010	0.06	0.1	0.04	2.3	0.1	<0.05	5	1.6	<0.2
1117595	Soil		10	20	0.47	194	0.039	2	1.48	0.010	0.06	0.1	0.04	2.6	0.1	<0.05	4	1.2	<0.2
1117591	Soil		8	25	0.49	159	0.045	<1	1.68	0.011	0.06	0.1	0.03	2.4	0.1	<0.05	5	1.2	<0.2
1117628	Soil		12	24	0.40	305	0.048	<1	1.68	0.009	0.08	0.2	0.14	3.5	0.1	<0.05	5	1.0	<0.2
1117626	Soil		10	27	0.36	197	0.039	2	1.39	0.008	0.05	0.2	0.23	2.5	0.1	<0.05	5	1.6	<0.2
1117606	Soil		10	24	0.46	261	0.044	1	1.34	0.017	0.06	0.2	0.03	3.0	<0.1	<0.05	4	1.4	<0.2
1117601	Soil		12	25	0.70	279	0.072	<1	1.73	0.017	0.09	0.2	0.04	5.6	<0.1	<0.05	5	1.0	<0.2
1117602	Soil		13	27	0.65	323	0.076	1	1.55	0.023	0.08	0.2	0.03	5.1	<0.1	<0.05	5	0.5	<0.2

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CERTIFICATE OF ANALYSIS DAW11000077.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1117617	Soil		1.4	20.1	10.0	57	0.2	16.0	7.4	181	2.63	19.3	0.9	7.9	2.3	23	0.2	4.5	0.2	58	0.22	0.055
1117603	Soil		0.7	23.2	6.6	60	0.1	12.0	9.7	330	3.41	6.2	0.7	4.4	2.3	22	<0.1	0.8	0.1	75	0.42	0.042
1117607	Soil		0.5	14.5	7.8	56	<0.1	15.0	5.2	162	1.80	4.2	0.7	3.0	2.0	25	0.2	0.6	0.1	42	0.40	0.049
1117604	Soil		0.9	16.3	8.2	62	<0.1	14.7	9.6	316	2.72	8.6	0.6	4.8	2.6	21	<0.1	0.8	0.1	55	0.32	0.056
1117608	Soil		0.9	12.1	7.4	54	<0.1	14.3	6.6	277	2.11	7.1	0.5	2.8	2.0	24	0.1	0.6	0.1	50	0.35	0.051
1117605	Soil		0.9	13.4	8.6	56	0.1	11.9	7.5	298	2.54	10.4	0.6	1.7	1.9	19	0.2	1.0	0.1	59	0.28	0.049
1117654	Soil		0.6	21.5	17.6	61	0.2	17.9	9.3	369	2.47	6.6	0.9	5.5	3.8	24	0.3	0.7	0.2	52	0.28	0.046
1117293	Soil		0.8	20.9	16.6	54	<0.1	14.9	7.1	255	2.40	9.6	0.8	7.4	3.8	32	0.2	1.1	0.2	50	0.27	0.049
1117631	Soil		1.7	15.9	7.5	44	0.2	11.9	5.0	136	2.09	16.2	0.7	<0.5	1.0	19	0.2	2.4	0.3	47	0.20	0.042
1117622	Soil		3.2	16.9	10.4	46	0.2	13.0	7.4	248	2.55	34.5	0.9	3.5	2.2	22	0.1	8.0	0.2	57	0.18	0.050
1117624	Soil		3.3	20.3	9.9	53	0.3	16.7	7.0	174	2.47	25.4	0.9	3.9	1.9	25	0.4	6.1	0.2	56	0.25	0.049
1117621	Soil		2.4	16.0	9.2	50	0.2	12.7	6.8	199	2.71	28.1	0.8	4.9	1.6	20	0.2	6.5	0.2	51	0.18	0.045
1117623	Soil		2.9	19.4	9.9	55	0.3	15.9	8.4	254	2.99	25.7	0.7	6.9	2.4	21	0.2	6.0	0.2	61	0.23	0.039
1117625	Soil		4.7	15.7	10.2	48	0.2	12.9	6.8	257	2.58	40.3	0.7	3.8	1.2	22	<0.1	6.7	0.2	53	0.17	0.050
1117618	Soil		1.8	19.8	9.6	53	0.2	14.8	7.2	186	2.55	23.3	0.9	3.8	2.7	26	0.2	5.5	0.2	53	0.24	0.043
1117630	Soil		1.9	19.7	10.3	56	0.3	16.4	6.8	137	2.65	21.5	1.0	6.7	2.0	23	0.2	4.4	0.2	56	0.20	0.055
1117619	Soil		2.3	15.3	8.3	46	0.2	13.2	5.5	146	2.61	43.6	0.7	5.1	1.3	21	0.2	4.8	0.2	57	0.19	0.051
1117620	Soil		1.9	21.5	9.8	53	0.3	16.7	7.3	216	2.49	24.4	1.0	5.5	3.0	26	0.3	5.5	0.2	55	0.27	0.055
1117632	Soil		1.1	14.9	9.2	58	0.1	14.0	6.2	125	2.61	15.6	0.8	4.4	2.0	22	0.2	2.1	0.2	53	0.25	0.043
1117627	Soil		1.8	16.9	9.2	58	0.2	15.0	7.0	184	2.44	21.3	0.7	6.9	1.8	24	0.2	3.4	0.2	56	0.26	0.043
1118471	Soil		1.1	8.6	15.5	29	<0.1	7.6	3.7	180	2.13	7.4	0.4	4.5	1.6	20	<0.1	0.6	0.3	68	0.13	0.019
1118469	Soil		1.2	9.3	26.8	43	0.2	7.4	3.9	309	2.25	7.6	0.4	2.8	1.3	18	0.1	0.7	0.3	80	0.14	0.037
1118468	Soil		1.0	14.0	11.6	45	0.1	7.3	4.1	204	2.41	5.0	0.3	1.7	0.6	15	0.2	0.5	0.2	58	0.10	0.039
1118467	Soil		1.4	13.2	21.5	67	<0.1	11.5	6.3	380	3.24	10.5	0.5	2.9	1.9	13	0.1	0.8	0.3	84	0.10	0.028
1118470	Soil		1.5	19.5	15.7	73	0.2	16.1	12.6	538	3.35	12.0	0.9	4.7	3.6	35	0.2	1.1	0.2	66	0.19	0.042
1118465	Soil		0.9	15.7	17.6	70	<0.1	12.1	15.0	514	3.93	9.2	0.6	5.3	4.2	31	0.2	0.6	0.2	90	0.21	0.023
1118452	Soil		0.9	18.5	26.2	77	0.2	18.6	10.4	606	2.66	10.0	1.0	3.5	2.2	29	0.4	0.6	0.2	55	0.25	0.076
1118456	Soil		1.5	16.6	29.1	55	0.3	11.9	11.4	560	2.96	12.1	1.0	8.6	2.9	45	0.3	1.0	0.4	53	0.30	0.052
1118453	Soil		0.8	18.6	34.3	66	0.1	12.2	8.2	622	2.18	9.6	0.9	3.1	1.6	28	0.4	0.5	0.2	42	0.23	0.067
1118458	Soil		1.0	16.4	62.8	35	0.6	9.1	4.5	105	3.68	13.0	0.6	9.2	1.9	20	0.2	1.0	0.4	43	0.12	0.047

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

Project: CHA
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS DAW11000077.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1117617	Soil		12	27	0.41	247	0.045	<1	1.49	0.011	0.06	0.2	0.14	3.7	0.1	<0.05	5	1.2	<0.2
1117603	Soil		10	23	0.61	358	0.063	<1	1.86	0.011	0.10	<0.1	0.05	7.3	<0.1	<0.05	6	1.0	<0.2
1117607	Soil		11	22	0.41	237	0.052	<1	1.29	0.016	0.05	0.2	0.04	3.1	<0.1	<0.05	4	0.6	<0.2
1117604	Soil		11	25	0.54	199	0.054	2	1.53	0.013	0.07	0.2	0.03	3.8	<0.1	<0.05	5	1.4	<0.2
1117608	Soil		9	23	0.44	188	0.048	<1	1.26	0.015	0.05	0.2	0.04	2.6	<0.1	<0.05	4	0.7	<0.2
1117605	Soil		10	22	0.51	234	0.045	1	1.62	0.011	0.06	0.1	0.08	4.2	0.1	<0.05	5	1.1	<0.2
1117654	Soil		12	28	0.59	220	0.066	2	1.93	0.012	0.08	0.2	0.04	3.8	0.1	<0.05	6	0.6	<0.2
1117293	Soil		11	23	0.53	194	0.074	2	1.59	0.018	0.11	0.2	0.06	3.1	0.3	<0.05	5	<0.5	<0.2
1117631	Soil		9	20	0.29	188	0.039	<1	1.28	0.008	0.05	0.1	0.12	2.5	0.2	<0.05	4	1.5	<0.2
1117622	Soil		11	26	0.34	255	0.035	2	1.48	0.015	0.06	0.2	0.29	3.3	0.2	<0.05	5	2.2	<0.2
1117624	Soil		13	27	0.38	271	0.043	<1	1.55	0.012	0.05	0.2	0.29	3.3	0.1	<0.05	5	1.8	<0.2
1117621	Soil		10	25	0.36	202	0.035	2	1.44	0.010	0.05	0.2	0.32	3.0	0.1	<0.05	5	1.9	<0.2
1117623	Soil		11	31	0.45	232	0.044	1	1.67	0.012	0.07	0.1	0.24	3.3	0.2	<0.05	5	2.1	<0.2
1117625	Soil		10	25	0.31	180	0.034	<1	1.40	0.008	0.05	0.2	0.27	2.4	0.1	<0.05	5	2.1	<0.2
1117618	Soil		12	27	0.39	241	0.045	1	1.50	0.011	0.05	0.2	0.18	3.9	0.2	<0.05	5	1.7	<0.2
1117630	Soil		13	27	0.38	281	0.041	<1	1.74	0.010	0.06	0.2	0.20	3.8	0.1	<0.05	5	2.3	<0.2
1117619	Soil		10	24	0.36	212	0.036	2	1.33	0.011	0.05	0.2	0.20	2.7	0.1	<0.05	5	1.1	<0.2
1117620	Soil		14	27	0.38	311	0.047	2	1.44	0.012	0.06	0.2	0.28	4.5	0.2	<0.05	5	1.2	<0.2
1117632	Soil		11	25	0.35	236	0.042	3	1.54	0.010	0.06	0.2	0.11	3.3	0.1	<0.05	5	1.4	<0.2
1117627	Soil		10	27	0.43	262	0.049	4	1.66	0.013	0.07	0.2	0.18	3.2	0.1	<0.05	5	0.8	<0.2
1118471	Soil		10	17	0.28	112	0.050	<1	1.24	0.005	0.06	<0.1	0.03	2.0	<0.1	<0.05	8	0.7	<0.2
1118469	Soil		7	15	0.27	156	0.065	2	1.20	0.007	0.05	0.1	0.05	1.6	<0.1	<0.05	8	0.7	<0.2
1118468	Soil		5	14	0.21	88	0.060	2	1.58	0.015	0.04	0.1	0.06	1.3	<0.1	<0.05	7	0.6	<0.2
1118467	Soil		10	24	0.35	94	0.043	3	1.83	0.006	0.06	0.1	0.05	2.2	0.1	<0.05	9	0.9	<0.2
1118470	Soil		15	28	0.76	244	0.049	2	2.18	0.012	0.08	0.1	0.03	3.2	<0.1	<0.05	6	0.6	<0.2
1118465	Soil		9	19	1.18	210	0.169	2	2.68	0.013	0.31	0.2	0.02	4.2	0.3	<0.05	8	0.8	<0.2
1118452	Soil		9	27	0.48	230	0.062	2	2.00	0.013	0.09	0.3	0.08	2.6	0.1	0.05	6	0.6	<0.2
1118456	Soil		10	20	0.47	556	0.048	3	1.68	0.016	0.18	0.2	0.03	3.3	0.2	0.13	6	<0.5	0.5
1118453	Soil		8	19	0.41	155	0.041	2	1.71	0.014	0.10	0.2	0.06	1.9	0.1	0.08	5	<0.5	<0.2
1118458	Soil		7	19	0.25	365	0.027	2	1.14	0.017	0.21	0.2	0.03	1.9	0.3	0.36	5	1.0	0.5

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Project: CHA
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS DAW11000077.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1118460	Soil	1.3	24.4	17.2	51	0.3	13.3	7.5	287	2.88	21.1	1.7	3.0	1.6	32	0.3	1.8	0.2	46	0.23	0.084
1118457	Soil	0.8	13.9	15.4	55	0.3	9.3	4.0	306	1.35	6.2	0.9	5.0	0.6	29	0.3	0.5	0.2	34	0.24	0.086
1117826	Soil	2.8	86.4	5.7	54	0.2	10.8	21.5	495	4.88	4.7	1.0	4.5	4.1	12	0.2	1.4	0.1	111	0.37	0.064
1117827	Soil	3.8	72.5	2.7	45	<0.1	9.0	20.7	544	5.13	2.3	0.9	0.6	4.3	13	0.1	0.4	<0.1	130	0.48	0.078
1117824	Soil	0.6	25.0	8.3	87	0.2	11.0	18.5	2282	4.07	9.4	0.6	2.2	1.6	20	0.3	0.8	0.1	80	0.47	0.066
1117828	Soil	2.1	100.3	5.4	62	0.1	10.6	23.2	618	5.01	4.3	0.8	3.6	3.9	13	0.1	0.9	0.2	116	0.37	0.059
1117294	Soil	0.9	19.5	16.0	49	0.1	13.9	5.9	175	2.10	9.1	0.7	4.5	1.7	27	<0.1	0.8	0.2	44	0.22	0.050
1117656	Soil	0.4	17.6	28.8	29	0.5	6.8	3.5	142	0.99	3.6	1.3	3.9	0.2	27	1.1	0.3	0.1	21	0.32	0.108
1117296	Soil	0.7	20.5	19.1	54	0.2	13.9	8.2	324	2.47	10.3	0.9	3.3	1.5	29	0.2	0.7	0.1	49	0.21	0.056
1117658	Soil	0.7	10.3	16.8	62	0.2	11.7	6.5	210	2.03	4.7	0.6	1.9	1.9	23	0.1	0.3	0.2	43	0.24	0.051
1117289	Soil	0.9	22.2	17.4	66	<0.1	15.0	8.4	416	2.69	7.5	0.5	1.7	0.6	23	0.2	0.4	0.1	68	0.22	0.065
1117290	Soil	0.6	19.4	13.8	57	<0.1	15.4	11.5	536	2.66	7.7	0.5	3.3	2.5	40	0.2	0.5	<0.1	59	0.22	0.029
1117292	Soil	1.1	16.1	19.6	58	0.1	12.5	7.6	469	2.39	8.8	0.7	1.6	1.3	31	0.2	0.7	0.1	49	0.25	0.058
1117659	Soil	1.0	15.1	19.9	67	0.3	13.4	12.0	442	2.96	8.7	0.9	14.0	3.2	22	0.2	0.6	0.2	57	0.20	0.054
1117287	Soil	1.0	19.5	12.2	41	0.1	12.1	6.8	159	2.18	7.8	0.5	2.7	0.4	19	0.1	0.5	0.1	54	0.18	0.061
1117653	Soil	0.6	17.0	17.1	59	0.2	15.2	9.3	178	2.23	6.1	0.9	1.8	3.3	16	0.2	0.4	0.2	49	0.20	0.046
1117660	Soil	0.6	8.4	20.0	53	0.2	9.8	4.6	149	1.77	5.3	0.6	1.4	1.4	28	0.2	0.3	0.2	37	0.19	0.048
1117652	Soil	1.4	17.1	28.7	52	0.3	13.5	11.8	580	1.87	7.9	1.2	20.1	0.4	25	0.8	0.4	0.2	51	0.28	0.100
1117300	Soil	0.6	12.3	17.5	48	0.1	11.9	6.1	189	1.83	5.7	0.7	1.1	1.3	18	0.2	0.4	0.1	41	0.23	0.056
1117666	Soil	0.8	7.6	10.3	46	<0.1	10.5	5.6	154	1.99	5.1	0.6	1.6	1.7	14	<0.1	0.2	0.1	45	0.21	0.044
1117297	Soil	0.8	18.5	16.9	53	0.2	14.3	7.1	361	2.31	8.0	0.8	3.7	1.0	26	0.2	0.6	0.1	46	0.22	0.066
1117299	Soil	0.7	13.5	19.1	54	0.1	11.5	5.6	186	1.89	6.6	0.6	3.4	1.5	19	0.2	0.6	0.1	40	0.18	0.036
1117662	Soil	0.7	8.2	11.1	61	<0.1	13.3	11.0	527	2.51	5.9	0.6	<0.5	2.6	17	0.1	0.3	0.2	58	0.23	0.052
1117651	Soil	0.8	16.6	20.6	57	0.2	15.3	8.3	212	2.28	6.3	0.8	1.5	2.4	19	0.2	0.4	0.1	50	0.25	0.047
1117298	Soil	0.8	12.9	15.2	55	0.1	13.4	6.1	148	2.13	8.7	0.6	2.5	1.3	18	0.1	0.5	0.1	48	0.17	0.041
1117665	Soil	1.2	9.9	13.8	51	<0.1	11.7	6.7	139	2.67	8.1	0.7	1.6	2.3	12	<0.1	0.3	0.1	54	0.17	0.047
1118463	Soil	1.2	18.1	23.1	57	0.2	11.8	7.5	296	2.84	9.6	1.3	1.0	1.7	26	0.2	0.4	0.2	63	0.19	0.050
1117663	Soil	0.9	10.6	11.1	61	0.1	15.5	10.8	870	2.47	4.8	1.1	1.9	3.4	17	<0.1	0.3	0.2	51	0.27	0.054
1117629	Soil	1.3	17.4	10.9	63	0.2	13.1	6.2	115	2.31	14.3	0.9	2.9	2.2	17	0.2	1.9	0.1	46	0.19	0.047
1117545	Soil	0.8	21.2	12.5	59	<0.1	24.2	11.2	306	2.93	7.6	0.6	3.2	4.5	16	0.2	0.6	0.1	59	0.29	0.041

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1118460	Soil		10	20	0.35	177	0.025	1	1.87	0.012	0.08	0.3	0.12	2.6	0.3	0.13	6	<0.5	<0.2
1118457	Soil		7	19	0.26	274	0.041	3	1.24	0.013	0.09	0.2	0.10	2.0	0.2	0.09	4	<0.5	<0.2
1117826	Soil		16	24	1.26	690	0.069	<1	2.23	0.007	0.45	0.2	0.16	16.0	0.1	<0.05	8	<0.5	<0.2
1117827	Soil		17	28	1.79	853	0.170	1	2.47	0.009	0.78	0.2	0.02	15.2	0.2	<0.05	8	<0.5	0.2
1117824	Soil		8	14	0.32	577	0.012	<1	1.41	0.009	0.10	<0.1	0.10	9.1	0.1	0.06	5	<0.5	<0.2
1117828	Soil		15	26	1.40	804	0.123	<1	2.12	0.011	0.74	0.2	0.04	14.9	0.2	<0.05	8	0.6	<0.2
1117294	Soil		8	22	0.39	204	0.058	<1	1.61	0.012	0.08	0.1	0.09	2.6	0.3	0.08	5	<0.5	<0.2
1117656	Soil		9	12	0.18	193	0.035	3	1.03	0.027	0.05	<0.1	0.08	1.7	<0.1	0.16	3	<0.5	<0.2
1117296	Soil		8	24	0.41	239	0.056	1	1.88	0.013	0.12	0.1	0.05	3.1	0.3	0.07	5	0.6	<0.2
1117658	Soil		9	22	0.46	180	0.065	1	1.72	0.013	0.09	0.1	0.06	2.7	0.1	<0.05	6	<0.5	<0.2
1117289	Soil		6	22	0.43	202	0.061	<1	1.73	0.015	0.08	0.1	0.11	2.6	0.1	0.07	5	<0.5	<0.2
1117290	Soil		7	23	0.76	420	0.095	<1	2.06	0.019	0.22	0.2	0.03	4.0	0.2	<0.05	5	<0.5	<0.2
1117292	Soil		7	20	0.40	248	0.062	1	1.61	0.015	0.13	0.2	0.08	2.6	0.2	0.07	5	<0.5	<0.2
1117659	Soil		10	26	0.63	198	0.073	2	1.97	0.011	0.09	<0.1	0.04	3.5	0.1	<0.05	6	<0.5	<0.2
1117287	Soil		7	19	0.24	203	0.050	<1	1.19	0.009	0.05	0.1	0.08	1.4	<0.1	0.08	5	<0.5	<0.2
1117653	Soil		11	27	0.45	196	0.057	1	1.93	0.009	0.07	0.1	0.06	3.3	0.1	<0.05	6	<0.5	<0.2
1117660	Soil		8	20	0.37	188	0.028	<1	1.53	0.010	0.06	0.1	0.06	2.1	0.1	<0.05	5	0.6	<0.2
1117652	Soil		9	27	0.37	229	0.058	2	1.72	0.019	0.07	0.2	0.08	2.2	0.2	0.08	5	0.5	<0.2
1117300	Soil		8	19	0.34	148	0.057	<1	1.34	0.010	0.07	0.2	0.03	2.2	<0.1	<0.05	4	<0.5	<0.2
1117666	Soil		9	18	0.38	174	0.026	<1	1.39	0.008	0.05	<0.1	0.03	2.1	<0.1	<0.05	5	<0.5	<0.2
1117297	Soil		7	25	0.40	214	0.047	<1	1.75	0.012	0.10	0.1	0.06	2.6	0.2	0.07	5	<0.5	<0.2
1117299	Soil		7	19	0.35	138	0.059	<1	1.35	0.011	0.07	0.1	0.03	2.1	<0.1	<0.05	4	<0.5	<0.2
1117662	Soil		11	23	0.47	209	0.049	<1	1.59	0.010	0.07	0.1	0.04	2.8	0.1	<0.05	5	<0.5	<0.2
1117651	Soil		9	26	0.52	195	0.072	<1	1.76	0.010	0.11	0.2	0.04	3.1	0.1	<0.05	5	<0.5	<0.2
1117298	Soil		7	23	0.37	157	0.051	<1	1.55	0.009	0.07	0.1	0.04	2.2	0.2	<0.05	5	<0.5	<0.2
1117665	Soil		10	21	0.43	187	0.024	<1	1.65	0.009	0.05	0.1	0.04	2.6	<0.1	<0.05	5	<0.5	<0.2
1118463	Soil		10	21	0.46	183	0.071	<1	1.87	0.008	0.14	0.1	0.05	3.0	<0.1	<0.05	6	<0.5	<0.2
1117663	Soil		11	26	0.49	294	0.035	<1	1.77	0.010	0.07	<0.1	0.05	3.5	0.1	<0.05	5	<0.5	<0.2
1117629	Soil		9	22	0.33	267	0.057	<1	1.49	0.010	0.08	0.2	0.13	3.3	0.1	<0.05	4	<0.5	<0.2
1117545	Soil		13	37	0.48	232	0.036	<1	1.65	0.011	0.06	0.2	0.02	3.7	<0.1	<0.05	5	<0.5	<0.2

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600 - 666 Burrard St.
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Project: CHA
Report Date: August 10, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1118451	Soil		1.0	22.0	23.2	70	0.2	12.8	8.9	478	2.53	13.5	1.0	7.8	2.4	28	0.3	0.7	0.3	45	0.21	0.070
1117546	Soil		1.0	42.1	15.5	64	0.1	42.2	14.9	520	3.25	4.3	1.0	0.9	5.6	19	0.1	0.3	0.1	58	0.48	0.065
1117544	Soil		0.5	31.8	9.2	61	0.2	25.1	10.4	271	2.33	5.0	0.7	1.6	1.9	20	<0.1	0.6	0.1	50	0.47	0.053
1117547	Soil		1.2	43.3	12.2	68	0.1	35.1	13.7	500	2.95	8.5	1.0	2.0	3.0	23	0.2	0.6	0.2	58	0.41	0.061
1117614	Soil		1.7	23.6	12.5	66	0.2	16.6	9.6	248	3.13	32.0	1.1	4.0	1.9	20	0.2	4.0	0.2	56	0.21	0.053
1117615	Soil		1.4	19.9	11.2	63	0.1	15.4	11.0	373	2.75	26.3	0.8	4.5	2.8	22	0.1	3.4	0.2	52	0.24	0.049
1117612	Soil		1.3	24.8	9.7	93	<0.1	27.2	18.3	521	3.75	15.1	0.7	5.5	3.8	18	0.2	2.0	0.1	65	0.19	0.036
1117616	Soil		1.7	12.6	9.0	53	0.2	12.8	8.1	232	2.91	19.5	0.8	2.7	2.0	24	0.1	4.3	0.2	53	0.24	0.053
1117609	Soil		0.7	14.8	9.2	65	<0.1	16.7	10.2	391	2.35	8.3	0.7	6.2	2.5	30	0.2	0.6	0.1	51	0.45	0.073
1117613	Soil		1.6	21.0	10.4	62	<0.1	15.5	11.7	393	2.84	30.8	0.9	7.2	3.4	18	0.2	4.0	0.2	53	0.16	0.038
1117610	Soil		1.3	47.3	2.4	76	<0.1	56.3	26.7	476	5.26	1.9	0.8	<0.5	2.8	17	<0.1	0.8	<0.1	143	0.64	0.075
1117611	Soil		1.3	49.5	3.4	85	<0.1	57.4	27.0	494	5.22	3.2	0.6	<0.5	2.8	18	0.1	1.0	<0.1	138	0.50	0.057
1118478	Soil		0.6	10.5	11.5	58	0.1	11.9	8.3	340	2.47	5.6	0.8	2.0	3.8	18	0.2	0.5	0.2	44	0.25	0.056
1118476	Soil		1.1	21.7	14.5	65	0.2	17.4	10.4	512	2.77	6.4	1.6	1.9	3.6	23	0.1	0.5	0.2	54	0.39	0.060
1118480	Soil		1.0	16.3	15.1	79	0.1	14.5	10.7	284	3.10	6.6	1.0	1.8	4.7	17	0.1	0.4	0.2	55	0.24	0.046
1118481	Soil		1.0	15.6	14.9	73	0.1	13.7	9.5	253	2.86	6.4	1.0	2.7	4.4	17	0.1	0.4	0.2	53	0.24	0.046
1118475	Soil		1.1	15.9	15.0	60	<0.1	15.0	9.0	442	2.56	6.1	0.7	1.1	3.3	19	0.1	0.5	0.2	52	0.26	0.042
1118455	Soil		1.3	20.5	95.5	52	0.7	12.7	9.6	411	3.46	11.8	1.1	12.5	2.6	41	0.3	1.2	0.5	55	0.21	0.057
1118466	Soil		1.1	17.1	12.1	46	0.1	16.7	8.7	309	3.04	11.9	0.6	1.0	2.4	13	0.2	0.8	0.3	72	0.10	0.029
1118462	Soil		1.3	24.9	21.6	63	0.1	16.3	11.2	290	3.85	13.0	1.7	3.7	4.2	31	0.1	0.7	0.3	74	0.16	0.046
1118477	Soil		0.7	13.0	13.3	64	0.1	12.1	8.2	331	2.50	4.8	1.1	0.5	4.2	19	0.1	0.5	0.2	46	0.29	0.057
1118464	Soil		1.0	16.7	85.7	146	0.2	17.8	10.9	415	3.12	11.4	0.7	1.5	3.7	21	0.7	0.8	0.2	68	0.18	0.041
1118454	Soil		0.8	20.1	34.2	62	0.1	12.9	7.9	437	2.19	9.1	1.2	3.6	1.2	40	0.2	0.6	0.3	43	0.26	0.068
1118459	Soil		0.9	17.5	17.8	51	0.1	11.6	9.7	345	2.48	8.4	1.0	2.3	2.0	46	0.2	0.8	0.2	45	0.24	0.046
1118479	Soil		0.7	10.6	13.1	60	<0.1	12.5	8.2	376	2.41	5.6	0.8	1.6	2.9	17	0.1	0.4	0.2	47	0.22	0.048
1118473	Soil		0.4	2.7	3.0	17	<0.1	1.8	2.0	66	0.95	1.2	0.1	1.3	0.3	10	<0.1	0.1	<0.1	29	0.09	0.014
1118472	Soil		1.2	16.3	16.3	55	<0.1	17.8	7.7	273	3.37	12.2	0.5	1.7	3.2	29	0.2	0.7	0.3	76	0.43	0.029
1118461	Soil		1.1	35.6	13.0	59	0.1	12.5	12.1	308	4.19	10.8	1.4	2.0	4.3	69	0.2	0.8	0.3	73	0.21	0.038
1119783	Soil		1.9	12.9	9.0	58	0.1	11.1	5.7	164	2.48	16.4	0.8	2.0	2.2	15	0.1	1.5	0.2	44	0.19	0.044
1119781	Soil		1.5	14.8	9.5	70	0.1	14.9	9.3	237	2.52	10.6	1.1	3.4	2.6	19	0.1	1.3	0.2	46	0.23	0.051

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1118451	Soil		9	21	0.38	183	0.035	<1	1.59	0.014	0.10	0.2	0.05	1.9	0.1	0.07	5	<0.5	0.2
1117546	Soil		18	59	0.64	341	0.015	<1	1.74	0.013	0.09	0.2	0.02	8.0	<0.1	<0.05	4	<0.5	<0.2
1117544	Soil		9	30	0.50	256	0.025	1	1.38	0.021	0.05	0.1	0.04	5.6	<0.1	<0.05	4	<0.5	<0.2
1117547	Soil		12	43	0.54	311	0.027	1	1.57	0.018	0.06	0.5	0.04	6.9	0.1	<0.05	5	<0.5	<0.2
1117614	Soil		10	27	0.37	290	0.030	1	1.70	0.009	0.06	0.2	0.20	5.2	0.2	<0.05	5	<0.5	<0.2
1117615	Soil		10	28	0.40	272	0.049	1	1.44	0.010	0.05	0.2	0.14	4.4	0.1	<0.05	4	<0.5	<0.2
1117612	Soil		12	49	0.70	304	0.066	<1	1.80	0.012	0.11	0.1	0.04	6.6	0.1	<0.05	6	<0.5	<0.2
1117616	Soil		9	24	0.39	216	0.046	<1	1.32	0.012	0.06	0.2	0.22	3.5	0.1	<0.05	4	0.9	<0.2
1117609	Soil		11	23	0.48	254	0.051	1	1.28	0.016	0.06	0.3	0.05	3.0	<0.1	0.05	4	<0.5	<0.2
1117613	Soil		11	26	0.35	214	0.046	<1	1.39	0.007	0.06	0.2	0.10	4.3	0.1	<0.05	4	<0.5	<0.2
1117610	Soil		11	204	2.65	511	0.192	<1	2.95	0.011	0.39	<0.1	0.03	13.5	0.2	<0.05	10	<0.5	<0.2
1117611	Soil		11	192	2.38	549	0.204	<1	2.96	0.012	0.35	<0.1	0.02	11.5	0.1	<0.05	9	<0.5	<0.2
1118478	Soil		13	18	0.59	220	0.027	<1	1.63	0.009	0.05	0.2	0.05	2.9	<0.1	<0.05	5	<0.5	<0.2
1118476	Soil		14	27	0.64	395	0.025	<1	2.02	0.010	0.07	0.1	0.05	4.6	0.1	0.05	6	<0.5	<0.2
1118480	Soil		15	22	0.59	299	0.022	<1	1.72	0.008	0.07	0.1	0.04	4.5	<0.1	<0.05	5	<0.5	<0.2
1118481	Soil		14	22	0.57	303	0.018	<1	1.70	0.008	0.07	0.1	0.05	4.4	<0.1	<0.05	5	<0.5	<0.2
1118475	Soil		11	22	0.60	209	0.042	1	1.56	0.009	0.08	0.1	0.03	2.8	<0.1	<0.05	5	<0.5	<0.2
1118455	Soil		11	22	0.45	526	0.037	1	1.67	0.023	0.14	0.2	0.06	3.1	0.2	0.20	6	0.7	0.3
1118466	Soil		10	24	0.39	111	0.050	2	2.04	0.007	0.05	0.2	0.04	2.4	0.1	<0.05	7	<0.5	<0.2
1118462	Soil		15	28	0.69	186	0.084	2	2.71	0.015	0.17	0.1	0.04	4.8	0.2	0.08	8	0.6	<0.2
1118477	Soil		14	21	0.66	240	0.029	<1	1.82	0.009	0.06	0.1	0.04	3.3	0.1	<0.05	5	<0.5	<0.2
1118464	Soil		10	23	0.65	162	0.084	<1	1.99	0.010	0.10	0.1	0.02	3.2	0.1	<0.05	7	<0.5	<0.2
1118454	Soil		11	20	0.48	181	0.045	<1	1.87	0.020	0.06	0.2	0.05	2.3	0.1	0.07	6	0.8	<0.2
1118459	Soil		11	21	0.49	212	0.049	<1	1.92	0.013	0.09	0.1	0.05	3.1	0.2	0.05	5	<0.5	<0.2
1118479	Soil		11	20	0.53	207	0.018	<1	1.69	0.008	0.06	0.1	0.05	2.6	0.1	<0.05	5	<0.5	<0.2
1118473	Soil		2	5	0.09	68	0.049	<1	0.31	0.019	0.02	<0.1	0.03	0.6	<0.1	<0.05	3	<0.5	<0.2
1118472	Soil		10	28	0.48	156	0.066	<1	1.67	0.007	0.06	0.1	0.03	2.6	<0.1	<0.05	8	<0.5	<0.2
1118461	Soil		8	19	0.85	223	0.085	<1	2.64	0.021	0.23	0.1	0.03	4.5	0.2	0.09	7	<0.5	<0.2
1119783	Soil		9	20	0.36	207	0.034	1	1.42	0.008	0.06	0.1	0.09	2.5	0.1	<0.05	5	0.5	<0.2
1119781	Soil		11	21	0.44	412	0.056	<1	1.61	0.010	0.08	0.1	0.11	3.4	0.1	<0.05	6	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1117539	Soil		0.7	22.9	15.9	80	0.1	16.3	11.8	402	3.57	8.4	0.7	3.2	3.5	24	0.2	0.6	0.2	61	0.49	0.040
1117538	Soil		0.5	25.8	10.3	82	0.1	14.9	9.0	567	2.98	6.5	0.7	1.6	2.3	34	0.4	0.6	0.1	46	0.81	0.049
1117548	Soil		1.1	100.0	9.6	68	0.2	70.8	30.1	982	5.23	16.7	0.9	2.9	1.7	34	0.3	2.0	0.2	114	0.98	0.079
1117536	Soil		0.9	16.2	8.4	62	<0.1	13.4	5.7	1791	2.07	5.4	0.6	1.8	1.1	50	0.3	0.7	0.1	30	1.51	0.057
1117537	Soil		0.7	24.2	16.6	81	0.1	17.2	6.6	356	2.60	8.2	0.7	2.4	3.4	29	0.2	0.8	0.2	49	0.70	0.046
1117542	Soil		0.6	25.9	12.0	69	0.2	16.3	10.8	484	2.99	8.2	0.9	3.7	2.2	27	0.2	0.6	0.2	59	0.70	0.050
1118474	Soil		1.3	18.3	11.4	146	0.1	18.4	8.3	2769	2.79	5.9	0.7	2.0	1.5	58	0.9	1.1	0.1	32	1.79	0.069
1117434	Soil		1.3	17.6	11.0	145	0.1	17.9	8.3	2856	2.79	6.1	0.7	3.7	1.3	59	1.1	0.9	0.1	32	1.86	0.068
1117541	Soil		0.9	26.9	10.6	79	0.2	16.8	12.5	1201	3.04	5.3	0.6	4.0	1.4	23	0.3	0.6	0.1	64	0.68	0.051
1117543	Soil		0.9	52.7	16.0	87	0.3	33.4	14.9	400	3.52	7.1	1.0	3.6	3.1	23	0.3	1.7	0.1	81	0.80	0.054
1117425	Soil		1.4	31.6	9.8	68	<0.1	28.3	12.5	521	3.15	9.6	0.6	3.7	4.3	14	0.2	0.7	0.1	62	0.19	0.029
1117432	Soil		1.4	30.4	16.5	108	0.2	27.0	10.4	1363	3.80	8.6	0.6	4.3	3.7	27	0.4	1.0	0.1	58	0.66	0.062
1117430	Soil		3.5	30.8	17.5	152	0.3	35.3	11.5	1753	4.18	10.8	1.1	3.7	3.4	27	0.6	0.8	0.1	63	0.80	0.056
1117428	Soil		1.5	38.1	19.2	87	0.2	28.0	12.8	912	3.94	10.8	0.8	4.8	4.1	23	0.2	1.7	0.1	60	0.39	0.045
1117426	Soil		1.9	29.3	20.3	100	0.2	28.4	11.4	1425	4.19	9.0	0.8	3.6	3.3	20	0.4	1.3	0.1	58	0.48	0.054
1117427	Soil		5.6	27.0	26.8	93	0.2	20.1	13.7	1654	5.19	7.3	1.0	1.7	2.9	22	0.4	3.7	0.1	58	0.82	0.107
1117424	Soil		1.5	17.2	10.1	84	<0.1	8.8	7.4	1689	4.93	6.1	0.6	2.0	3.2	9	0.4	0.6	<0.1	23	0.24	0.103
1117429	Soil		0.9	28.3	13.9	68	<0.1	19.3	9.6	1047	3.70	6.3	0.8	6.0	4.3	17	0.2	0.9	0.1	44	0.46	0.074
1117431	Soil		1.7	23.5	10.2	77	0.1	27.1	9.9	862	3.31	8.7	0.7	2.5	4.0	22	0.2	0.6	0.1	62	0.48	0.040
1117433	Soil		0.8	27.1	10.0	79	0.1	18.4	7.1	872	2.50	4.9	1.3	4.2	1.3	53	0.4	1.2	0.1	38	1.76	0.059
1117435	Soil		1.2	25.1	14.5	121	0.1	20.9	8.4	739	3.39	7.7	0.5	6.0	3.5	28	0.7	1.0	0.1	51	1.03	0.051
1117540	Soil		0.5	34.8	12.9	88	0.2	21.8	13.8	300	3.42	7.0	0.9	3.0	4.1	20	0.2	0.6	0.1	83	0.44	0.047
1117661	Soil		1.1	11.8	14.5	59	0.2	12.4	11.9	662	3.41	6.4	1.1	2.2	2.3	22	0.2	0.3	0.1	53	0.28	0.070
1117655	Soil		0.7	17.1	22.0	53	0.3	16.0	8.2	176	2.42	6.3	0.9	3.9	2.5	20	0.1	0.4	0.2	55	0.23	0.059
1117664	Soil		0.9	13.5	15.9	60	0.1	14.2	8.8	181	2.83	6.5	0.9	2.8	2.6	15	0.1	0.5	0.2	61	0.21	0.051
1117295	Soil		0.8	19.4	14.8	56	0.1	14.3	9.0	410	2.50	8.1	0.8	2.2	2.1	25	0.2	0.7	0.1	52	0.21	0.049
1117288	Soil		0.9	26.3	11.8	63	<0.1	18.0	11.1	350	3.37	9.0	0.6	5.4	1.4	18	0.1	0.6	0.1	77	0.21	0.047
1117657	Soil		0.7	20.2	28.6	80	0.2	16.5	8.5	264	2.41	5.7	0.9	2.0	4.6	22	0.4	0.5	0.1	52	0.29	0.043
1117286	Soil		4.2	18.9	39.3	82	0.1	15.4	9.8	482	2.72	10.7	0.7	10.9	0.8	23	0.3	1.3	0.2	53	0.14	0.060
1117291	Soil		0.9	18.9	23.1	56	0.1	15.2	10.1	353	2.76	10.4	0.7	9.2	2.9	33	0.2	1.2	0.1	55	0.21	0.039

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

Project: CHA
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS DAW11000077.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1117539	Soil		13	21	0.79	272	0.017	<1	1.82	0.012	0.05	0.2	0.05	5.6	<0.1	<0.05	5	0.6	<0.2
1117538	Soil		12	19	0.68	250	0.019	2	1.57	0.014	0.05	0.2	0.04	4.1	<0.1	<0.05	4	<0.5	<0.2
1117548	Soil		9	74	0.81	713	0.006	<1	1.84	0.010	0.08	1.1	0.05	23.7	0.2	<0.05	4	<0.5	<0.2
1117536	Soil		10	15	0.47	347	0.014	2	1.12	0.016	0.04	0.1	0.05	2.3	<0.1	0.07	3	<0.5	<0.2
1117537	Soil		16	23	0.65	292	0.017	1	1.66	0.014	0.06	0.2	0.05	4.3	<0.1	<0.05	5	<0.5	<0.2
1117542	Soil		12	23	0.60	416	0.024	1	1.71	0.013	0.06	0.1	0.04	6.3	<0.1	<0.05	5	<0.5	<0.2
1118474	Soil		13	14	0.54	504	0.015	2	1.00	0.014	0.07	0.3	0.05	3.1	<0.1	0.10	3	0.7	<0.2
1117434	Soil		12	14	0.54	511	0.011	1	0.99	0.014	0.06	0.2	0.06	2.9	<0.1	0.09	3	<0.5	<0.2
1117541	Soil		9	21	0.53	285	0.022	<1	1.36	0.015	0.05	0.1	0.03	6.4	<0.1	0.07	4	0.6	<0.2
1117543	Soil		12	32	0.66	352	0.031	1	1.67	0.017	0.06	0.2	0.03	9.2	<0.1	<0.05	5	0.6	<0.2
1117425	Soil		12	37	0.73	207	0.028	<1	2.45	0.009	0.08	0.1	0.02	4.9	<0.1	<0.05	6	<0.5	<0.2
1117432	Soil		20	29	0.63	645	0.025	<1	1.67	0.018	0.09	0.2	0.04	5.7	<0.1	<0.05	5	0.7	<0.2
1117430	Soil		19	36	0.72	1824	0.027	<1	1.84	0.018	0.08	0.2	0.06	6.1	<0.1	<0.05	5	0.6	<0.2
1117428	Soil		16	36	0.65	513	0.049	1	1.98	0.017	0.10	0.2	0.06	7.3	<0.1	<0.05	5	<0.5	<0.2
1117426	Soil		16	31	0.70	339	0.029	<1	1.92	0.016	0.09	0.1	0.05	6.8	<0.1	<0.05	5	0.5	<0.2
1117427	Soil		12	24	0.82	583	0.003	<1	2.38	0.009	0.12	0.1	0.03	11.2	0.1	<0.05	6	0.6	<0.2
1117424	Soil		22	11	0.24	247	0.004	<1	1.73	0.004	0.15	<0.1	0.01	4.8	<0.1	<0.05	3	<0.5	<0.2
1117429	Soil		24	24	0.55	703	0.018	<1	2.04	0.012	0.11	<0.1	0.03	6.1	0.1	<0.05	5	0.6	<0.2
1117431	Soil		18	33	0.55	423	0.038	1	1.96	0.020	0.08	0.1	0.05	5.6	<0.1	<0.05	5	<0.5	<0.2
1117433	Soil		11	19	0.54	486	0.015	1	1.28	0.017	0.06	<0.1	0.06	3.3	<0.1	0.09	3	0.7	<0.2
1117435	Soil		20	23	0.66	364	0.014	2	1.48	0.016	0.09	0.3	0.04	4.6	<0.1	<0.05	4	0.9	<0.2
1117540	Soil		15	26	0.94	341	0.032	<1	2.16	0.016	0.07	0.2	0.02	7.3	<0.1	<0.05	6	0.6	<0.2
1117661	Soil		12	24	0.45	236	0.037	1	1.45	0.014	0.06	0.1	0.06	3.8	0.1	<0.05	5	0.6	<0.2
1117655	Soil		10	27	0.51	215	0.049	<1	1.97	0.015	0.07	0.1	0.04	3.9	0.2	<0.05	5	<0.5	<0.2
1117664	Soil		13	24	0.60	226	0.029	<1	1.95	0.011	0.06	0.1	0.04	3.7	0.1	<0.05	6	<0.5	<0.2
1117295	Soil		9	24	0.46	196	0.062	1	1.66	0.015	0.10	0.2	0.03	3.1	0.2	<0.05	5	0.5	<0.2
1117288	Soil		8	27	0.62	137	0.092	<1	2.08	0.016	0.08	0.2	0.05	3.7	0.1	<0.05	6	<0.5	<0.2
1117657	Soil		12	27	0.64	199	0.091	<1	1.72	0.016	0.13	0.1	0.03	3.8	0.1	<0.05	5	<0.5	<0.2
1117286	Soil		9	25	0.30	188	0.043	<1	1.41	0.019	0.06	0.2	0.10	1.5	0.1	0.09	4	0.6	<0.2
1117291	Soil		8	22	0.60	239	0.080	<1	1.77	0.026	0.15	0.2	0.06	3.7	0.4	<0.05	5	0.6	<0.2

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Project: CHA
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS DAW11000077.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1119776	Soil		3.4	17.3	12.9	69	<0.1	15.5	8.4	385	2.59	7.9	0.5	2.1	1.2	12	0.2	0.7	0.1	46	0.18	0.045
1119784	Soil		1.8	17.5	10.6	55	0.2	13.6	6.6	161	2.50	14.2	1.0	3.2	2.1	18	0.2	1.4	0.1	48	0.22	0.062
1119775	Soil		1.3	32.2	6.7	116	<0.1	30.2	14.4	481	3.74	7.7	1.2	<0.5	2.1	15	0.3	1.5	<0.1	45	0.20	0.060
1119777	Soil		1.8	14.7	8.6	69	<0.1	14.5	8.7	190	2.77	6.2	0.7	0.9	1.7	16	<0.1	0.7	<0.1	47	0.33	0.056
1119779	Soil		1.7	23.5	8.0	103	0.1	18.0	9.4	304	2.86	5.1	1.3	1.6	3.5	20	0.2	0.5	0.1	56	0.36	0.064
1119778	Soil		1.3	12.2	7.6	103	<0.1	13.5	10.7	335	2.71	3.5	0.7	2.2	2.8	16	0.1	0.4	<0.1	56	0.32	0.072
1119782	Soil		1.9	13.0	9.6	59	<0.1	12.4	6.6	174	2.52	12.5	0.9	2.3	1.7	15	<0.1	1.2	0.1	48	0.20	0.048
1119780	Soil		1.6	12.6	10.2	79	<0.1	13.6	8.1	199	2.59	6.0	0.8	1.8	2.4	18	0.1	0.5	0.1	52	0.30	0.063
1119753	Soil		0.4	44.2	5.7	97	<0.1	7.4	26.1	979	6.25	1.7	0.4	1.1	3.1	10	0.1	0.5	<0.1	159	0.31	0.054
1119762	Soil		10.3	25.1	13.2	54	0.2	19.8	8.3	171	3.82	85.7	0.6	4.4	3.3	16	0.1	14.6	0.2	75	0.11	0.026
1119760	Soil		0.2	12.1	4.0	100	<0.1	6.2	20.9	660	5.63	2.1	0.5	0.7	4.6	8	<0.1	0.6	<0.1	80	0.18	0.046
1119756	Soil		0.7	18.4	6.4	70	<0.1	8.9	15.9	508	4.16	2.6	0.5	1.7	3.3	20	0.2	1.5	<0.1	74	0.36	0.058
1119758	Soil		4.4	11.5	21.0	13	0.3	3.3	1.6	30	2.11	69.8	0.7	6.1	4.6	42	<0.1	11.1	0.3	18	0.08	0.029
1119759	Soil		1.6	27.4	10.8	54	0.1	13.1	7.5	201	3.52	131.7	0.9	5.0	1.9	13	0.1	5.2	0.1	55	0.12	0.047
1119755	Soil		2.9	41.6	13.5	79	0.2	24.0	10.5	319	4.76	36.7	1.2	3.2	2.3	19	<0.1	10.9	0.3	61	0.13	0.059
1119763	Soil		3.6	29.0	11.6	60	0.2	26.5	11.8	339	3.30	42.3	1.1	8.5	5.1	28	0.1	7.6	0.2	71	0.20	0.017
1119751	Soil		1.0	34.3	11.0	88	<0.1	8.2	23.7	931	5.63	9.0	0.6	<0.5	3.4	9	0.1	3.2	<0.1	165	0.27	0.102
1119757	Soil		3.3	35.6	16.6	53	0.2	9.0	5.4	103	3.26	29.8	1.3	3.2	4.5	15	<0.1	6.0	0.3	41	0.19	0.045
1119754	Soil		2.7	25.3	13.3	52	0.3	11.6	5.7	160	3.04	32.2	1.0	4.6	2.3	16	<0.1	4.4	0.3	44	0.17	0.053
1119772	Soil		0.8	22.3	4.3	48	<0.1	19.9	10.0	448	3.46	4.4	0.6	1.0	3.1	12	<0.1	1.4	<0.1	52	0.35	0.085
1119774	Soil		1.4	25.0	8.9	59	0.1	19.5	8.8	336	3.57	13.2	0.9	1.5	2.8	18	0.1	2.1	0.1	49	0.23	0.049
1119768	Soil		2.3	20.0	10.8	39	0.2	11.9	4.9	101	2.18	45.4	0.7	2.1	2.1	16	<0.1	5.3	0.2	42	0.13	0.032
1119773	Soil		0.8	34.8	4.1	64	<0.1	22.2	9.7	360	3.44	6.1	0.8	0.8	2.1	12	0.1	0.8	<0.1	46	0.23	0.070
1119765	Soil		2.2	14.6	14.2	47	0.1	13.8	6.7	195	3.53	18.1	0.7	2.0	3.7	10	0.2	2.4	0.2	75	0.09	0.028
1119766	Soil		3.1	27.3	10.2	57	0.4	17.7	5.4	130	2.36	47.0	0.8	2.2	3.7	28	0.1	9.3	0.1	47	0.27	0.053
1119752	Soil		0.8	25.4	8.3	64	<0.1	16.9	13.7	441	3.44	9.2	0.7	3.0	3.8	15	<0.1	1.3	<0.1	79	0.23	0.033
1119769	Soil		3.2	22.5	12.0	41	0.3	16.1	6.2	132	2.27	41.3	0.8	3.2	4.8	18	<0.1	4.9	0.1	48	0.18	0.034
1119767	Soil		2.0	28.0	16.3	65	0.2	21.5	7.5	215	2.59	26.7	0.8	4.1	3.3	22	<0.1	4.1	0.1	50	0.28	0.039
1119771	Soil		1.8	23.6	9.2	49	0.2	14.9	6.8	160	2.96	47.4	1.0	4.0	2.2	14	<0.1	3.3	0.1	48	0.13	0.044
1119770	Soil		1.6	34.8	11.1	72	0.2	17.1	6.2	157	3.23	60.0	1.4	5.3	3.0	27	<0.1	3.7	0.1	55	0.21	0.034

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Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS DAW11000077.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1119776	Soil	7	28	0.31	383	0.021	2	1.88	0.011	0.11	0.1	0.01	3.4	0.1	<0.05	6	0.6	<0.2
1119784	Soil	12	24	0.33	341	0.037	<1	1.51	0.012	0.06	0.1	0.13	3.2	0.1	<0.05	5	1.2	<0.2
1119775	Soil	6	31	0.24	431	0.010	<1	1.43	0.008	0.17	<0.1	0.09	8.3	0.1	<0.05	4	0.7	<0.2
1119777	Soil	7	26	0.43	392	0.037	1	1.53	0.011	0.11	0.1	0.08	4.1	0.1	<0.05	5	<0.5	<0.2
1119779	Soil	13	26	0.70	514	0.118	<1	1.80	0.014	0.26	0.1	0.04	4.7	0.2	<0.05	7	<0.5	<0.2
1119778	Soil	10	23	0.73	460	0.130	<1	1.71	0.014	0.35	0.1	0.02	3.6	0.2	<0.05	7	<0.5	<0.2
1119782	Soil	10	22	0.37	228	0.040	<1	1.57	0.011	0.07	0.2	0.09	2.6	0.1	<0.05	5	0.7	<0.2
1119780	Soil	9	21	0.52	325	0.082	<1	1.68	0.012	0.11	0.1	0.05	2.9	0.1	<0.05	6	<0.5	<0.2
1119753	Soil	10	16	1.73	690	0.137	<1	2.96	0.017	0.74	<0.1	0.02	18.6	0.2	<0.05	10	0.8	<0.2
1119762	Soil	8	33	0.38	142	0.063	<1	2.08	0.009	0.07	0.2	0.39	2.9	0.2	<0.05	6	3.2	0.2
1119760	Soil	13	17	1.18	414	0.109	<1	2.53	0.008	0.59	<0.1	0.02	15.1	0.4	<0.05	8	<0.5	<0.2
1119756	Soil	10	23	0.69	829	0.057	<1	1.57	0.011	0.27	<0.1	0.09	10.6	0.1	<0.05	4	0.6	<0.2
1119758	Soil	7	15	0.10	334	0.004	<1	0.50	0.006	0.27	0.4	0.48	3.8	0.5	0.41	2	1.6	0.3
1119759	Soil	8	31	0.28	283	0.018	1	1.48	0.007	0.11	0.2	0.56	6.7	0.4	0.08	5	1.4	0.2
1119755	Soil	9	39	0.21	165	0.010	<1	1.16	0.005	0.06	0.2	0.40	7.4	0.3	<0.05	4	0.8	<0.2
1119763	Soil	14	42	0.61	255	0.074	1	2.30	0.012	0.07	0.2	0.48	5.3	0.2	<0.05	6	1.3	<0.2
1119751	Soil	10	35	2.14	549	0.202	<1	2.75	0.019	0.83	<0.1	0.02	14.5	0.3	0.05	10	<0.5	<0.2
1119757	Soil	10	16	0.19	220	0.006	<1	0.95	0.008	0.06	0.1	0.35	7.2	0.2	<0.05	3	0.6	<0.2
1119754	Soil	9	23	0.25	135	0.014	<1	1.05	0.006	0.06	0.2	0.46	3.4	0.2	<0.05	4	0.7	<0.2
1119772	Soil	10	38	0.43	506	0.029	<1	0.95	0.007	0.19	<0.1	0.08	7.2	<0.1	<0.05	3	<0.5	<0.2
1119774	Soil	10	33	0.36	505	0.026	1	1.27	0.007	0.15	0.1	0.16	7.3	0.1	<0.05	4	<0.5	<0.2
1119768	Soil	9	25	0.27	171	0.030	1	1.15	0.007	0.05	0.1	0.23	2.5	0.3	<0.05	4	0.9	<0.2
1119773	Soil	6	30	0.24	406	0.007	1	1.15	0.005	0.15	<0.1	0.07	7.1	<0.1	<0.05	3	<0.5	<0.2
1119765	Soil	10	35	0.30	117	0.062	2	2.20	0.007	0.04	0.2	0.15	2.5	0.1	<0.05	7	0.9	<0.2
1119766	Soil	11	29	0.43	305	0.053	2	1.17	0.014	0.06	0.2	0.68	3.4	0.3	<0.05	4	1.3	<0.2
1119752	Soil	11	26	0.93	298	0.092	<1	1.94	0.013	0.17	0.1	0.02	6.7	0.1	<0.05	5	<0.5	<0.2
1119769	Soil	12	28	0.38	181	0.044	2	1.60	0.009	0.06	0.2	0.19	3.4	0.2	<0.05	4	0.7	0.2
1119767	Soil	11	31	0.47	362	0.047	1	1.55	0.014	0.07	0.1	0.34	4.1	0.2	<0.05	5	0.7	<0.2
1119771	Soil	8	31	0.30	276	0.017	1	1.50	0.009	0.07	0.1	0.37	5.1	0.2	<0.05	5	0.9	0.2
1119770	Soil	9	32	0.33	685	0.027	1	1.43	0.011	0.12	0.1	0.22	7.5	0.2	0.10	5	0.7	<0.2

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

Project: CHA
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS DAW11000077.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1119764	Soil	3.9	26.2	13.7	59	0.3	26.4	10.7	294	3.23	30.8	0.7	5.2	3.7	16	0.2	3.6	0.2	66	0.12	0.035
1119761	Soil	1.9	39.8	11.9	65	0.1	28.0	11.2	336	3.21	16.5	1.0	8.3	5.4	26	0.1	1.4	0.2	78	0.26	0.017
1119539	Soil	1.1	13.2	12.3	40	0.1	10.4	4.8	212	2.44	8.6	0.4	0.9	1.6	8	0.2	0.4	0.2	70	0.08	0.037

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CERTIFICATE OF ANALYSIS DAW11000077.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1119764	Soil	9	35	0.49	170	0.058	2	2.39	0.010	0.07	0.2	0.19	2.8	0.1	0.07	5	1.3	<0.2
1119761	Soil	17	44	0.64	404	0.076	1	2.24	0.014	0.06	0.1	0.24	6.7	<0.1	<0.05	6	0.8	<0.2
1119539	Soil	8	21	0.24	133	0.059	1	1.25	0.007	0.05	0.1	0.02	1.6	<0.1	<0.05	6	<0.5	<0.2

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Project: CHA
Report Date: August 10, 2011

QUALITY CONTROL REPORT DAW11000077.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1117709	Soil	1.6	14.4	16.9	33	0.2	8.3	3.8	139	2.68	8.7	0.6	1.5	1.9	12	0.2	0.9	0.3	77	0.09	0.042
REP 1117709	QC	1.4	14.3	16.8	31	0.2	8.3	3.9	139	2.62	8.4	0.6	1.5	1.9	13	0.2	0.8	0.2	75	0.09	0.040
1117724	Soil	1.1	28.2	14.4	65	0.2	18.8	13.5	593	3.30	6.4	1.6	1.8	4.5	23	0.2	0.5	0.4	61	0.29	0.053
REP 1117724	QC	1.1	28.3	14.2	67	0.1	18.7	13.3	597	3.24	6.7	1.6	2.2	4.5	23	0.2	0.5	0.3	61	0.29	0.052
1118134	Soil	0.6	13.4	13.8	53	<0.1	13.9	6.3	150	1.79	4.7	0.6	4.4	2.4	20	0.2	0.5	0.1	40	0.20	0.039
REP 1118134	QC	0.6	12.7	12.9	50	<0.1	13.2	6.0	143	1.72	4.7	0.6	3.9	2.3	19	0.1	0.5	0.1	38	0.19	0.036
1117807	Soil	4.1	30.2	13.7	53	0.1	14.3	23.0	1476	3.81	72.0	0.8	2.8	1.7	20	<0.1	9.0	0.2	58	0.13	0.074
REP 1117807	QC	4.0	30.3	13.9	53	0.1	13.9	23.5	1506	3.83	72.5	0.8	1.1	1.8	20	0.1	9.3	0.2	58	0.13	0.074
1117831	Soil	5.1	56.2	15.6	131	0.4	42.1	15.3	617	3.27	33.5	0.9	10.2	3.4	39	0.4	4.2	0.3	35	0.92	0.071
REP 1117831	QC	5.2	59.1	16.3	137	0.4	43.6	15.6	639	3.35	34.9	1.0	11.5	3.6	40	0.4	3.8	0.4	37	0.96	0.074
1117586	Soil	0.8	12.2	11.9	52	0.1	11.5	5.4	276	2.14	7.0	0.6	1.9	0.7	23	0.2	0.5	0.1	46	0.18	0.057
REP 1117586	QC	0.7	12.3	12.0	52	0.1	11.7	5.4	281	2.13	6.9	0.7	8.1	0.7	23	0.2	0.5	0.2	45	0.18	0.057
1117293	Soil	0.8	20.9	16.6	54	<0.1	14.9	7.1	255	2.40	9.6	0.8	7.4	3.8	32	0.2	1.1	0.2	50	0.27	0.049
REP 1117293	QC	0.8	20.6	16.9	54	<0.1	15.0	7.4	264	2.49	9.1	0.8	6.8	3.8	31	0.3	1.1	0.2	52	0.29	0.051
1117625	Soil	4.7	15.7	10.2	48	0.2	12.9	6.8	257	2.58	40.3	0.7	3.8	1.2	22	<0.1	6.7	0.2	53	0.17	0.050
REP 1117625	QC	4.6	16.3	10.0	48	0.2	12.8	7.0	267	2.64	38.7	0.6	3.0	1.3	22	<0.1	6.6	0.2	55	0.18	0.052
1118452	Soil	0.9	18.5	26.2	77	0.2	18.6	10.4	606	2.66	10.0	1.0	3.5	2.2	29	0.4	0.6	0.2	55	0.25	0.076
REP 1118452	QC	1.0	19.4	28.1	85	0.2	19.8	11.2	656	2.86	11.2	1.1	4.0	2.3	31	0.4	0.6	0.2	60	0.27	0.080
1117662	Soil	0.7	8.2	11.1	61	<0.1	13.3	11.0	527	2.51	5.9	0.6	<0.5	2.6	17	0.1	0.3	0.2	58	0.23	0.052
REP 1117662	QC	1.0	8.3	11.6	63	<0.1	13.1	11.0	541	2.53	6.4	0.6	1.4	2.8	17	0.1	0.3	0.2	60	0.23	0.051
1118481	Soil	1.0	15.6	14.9	73	0.1	13.7	9.5	253	2.86	6.4	1.0	2.7	4.4	17	0.1	0.4	0.2	53	0.24	0.046
REP 1118481	QC	0.9	16.0	15.4	77	<0.1	14.9	10.0	257	2.94	6.6	1.0	2.5	4.5	17	0.1	0.5	0.2	55	0.25	0.046
1118461	Soil	1.1	35.6	13.0	59	0.1	12.5	12.1	308	4.19	10.8	1.4	2.0	4.3	69	0.2	0.8	0.3	73	0.21	0.038
REP 1118461	QC	1.2	34.5	13.3	59	0.1	12.3	12.2	305	4.22	10.7	1.4	4.8	4.3	69	0.2	0.8	0.3	75	0.21	0.039
1117425	Soil	1.4	31.6	9.8	68	<0.1	28.3	12.5	521	3.15	9.6	0.6	3.7	4.3	14	0.2	0.7	0.1	62	0.19	0.029
REP 1117425	QC	1.6	33.1	10.5	71	<0.1	29.9	12.9	535	3.26	10.5	0.7	10.7	5.0	15	0.3	0.7	0.1	66	0.20	0.030
1119776	Soil	3.4	17.3	12.9	69	<0.1	15.5	8.4	385	2.59	7.9	0.5	2.1	1.2	12	0.2	0.7	0.1	46	0.18	0.045
REP 1119776	QC	3.2	19.4	13.2	73	<0.1	15.5	8.7	417	2.84	8.2	0.6	3.7	1.3	13	0.3	0.7	0.1	50	0.20	0.046

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QUALITY CONTROL REPORT DAW11000077.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1117709	Soil	10	20	0.21	68	0.063	<1	1.47	0.006	0.04	0.2	0.06	1.8	0.1	<0.05	8	<0.5	<0.2
REP 1117709	QC	10	20	0.20	68	0.054	<1	1.45	0.006	0.04	0.1	0.06	1.6	0.1	<0.05	8	<0.5	<0.2
1117724	Soil	24	25	0.72	262	0.058	1	1.96	0.011	0.14	0.1	0.03	4.4	0.1	<0.05	6	<0.5	<0.2
REP 1117724	QC	24	25	0.72	264	0.059	<1	1.97	0.011	0.14	0.1	0.04	4.3	0.1	<0.05	6	<0.5	<0.2
1118134	Soil	9	21	0.47	196	0.058	2	1.58	0.010	0.06	0.1	0.04	2.9	0.1	<0.05	4	<0.5	<0.2
REP 1118134	QC	9	21	0.46	190	0.057	2	1.53	0.010	0.06	0.1	0.04	2.7	0.1	<0.05	4	<0.5	<0.2
1117807	Soil	7	21	0.27	261	0.027	<1	1.15	0.007	0.16	0.1	0.16	3.9	0.4	0.20	4	1.0	<0.2
REP 1117807	QC	8	21	0.27	267	0.027	<1	1.18	0.007	0.16	0.1	0.17	3.8	0.3	0.20	4	1.0	<0.2
1117831	Soil	15	17	0.32	438	0.003	<1	0.76	0.005	0.12	0.2	0.35	6.2	<0.1	0.06	2	0.8	<0.2
REP 1117831	QC	15	18	0.34	439	0.003	<1	0.80	0.006	0.13	0.2	0.38	6.4	<0.1	0.06	2	0.6	<0.2
1117586	Soil	7	20	0.41	187	0.043	<1	1.58	0.010	0.06	0.1	0.04	2.1	0.2	<0.05	5	<0.5	<0.2
REP 1117586	QC	6	20	0.40	191	0.037	<1	1.55	0.012	0.06	0.1	0.05	2.1	0.1	<0.05	4	<0.5	<0.2
1117293	Soil	11	23	0.53	194	0.074	2	1.59	0.018	0.11	0.2	0.06	3.1	0.3	<0.05	5	<0.5	<0.2
REP 1117293	QC	11	24	0.54	192	0.079	3	1.58	0.019	0.12	0.2	0.03	3.4	0.2	<0.05	4	0.8	<0.2
1117625	Soil	10	25	0.31	180	0.034	<1	1.40	0.008	0.05	0.2	0.27	2.4	0.1	<0.05	5	2.1	<0.2
REP 1117625	QC	9	27	0.30	184	0.034	2	1.35	0.010	0.05	0.2	0.29	2.4	0.1	<0.05	5	2.1	<0.2
1118452	Soil	9	27	0.48	230	0.062	2	2.00	0.013	0.09	0.3	0.08	2.6	0.1	0.05	6	0.6	<0.2
REP 1118452	QC	9	29	0.59	247	0.068	2	2.19	0.014	0.10	0.3	0.06	3.0	0.1	0.06	6	<0.5	<0.2
1117662	Soil	11	23	0.47	209	0.049	<1	1.59	0.010	0.07	0.1	0.04	2.8	0.1	<0.05	5	<0.5	<0.2
REP 1117662	QC	11	23	0.47	209	0.050	<1	1.59	0.010	0.07	<0.1	0.03	2.8	0.1	<0.05	5	<0.5	<0.2
1118481	Soil	14	22	0.57	303	0.018	<1	1.70	0.008	0.07	0.1	0.05	4.4	<0.1	<0.05	5	<0.5	<0.2
REP 1118481	QC	15	22	0.58	311	0.021	<1	1.75	0.008	0.07	0.1	0.05	4.8	0.1	<0.05	5	<0.5	<0.2
1118461	Soil	8	19	0.85	223	0.085	<1	2.64	0.021	0.23	0.1	0.03	4.5	0.2	0.09	7	<0.5	<0.2
REP 1118461	QC	8	20	0.85	225	0.088	<1	2.65	0.023	0.23	0.1	0.03	4.6	0.3	0.10	7	0.8	<0.2
1117425	Soil	12	37	0.73	207	0.028	<1	2.45	0.009	0.08	0.1	0.02	4.9	<0.1	<0.05	6	<0.5	<0.2
REP 1117425	QC	13	38	0.79	228	0.035	<1	2.66	0.010	0.08	0.1	0.02	5.1	<0.1	<0.05	6	0.7	<0.2
1119776	Soil	7	28	0.31	383	0.021	2	1.88	0.011	0.11	0.1	0.01	3.4	0.1	<0.05	6	0.6	<0.2
REP 1119776	QC	7	29	0.32	396	0.019	2	1.92	0.012	0.11	0.1	0.02	3.4	0.1	<0.05	6	<0.5	<0.2

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

Project: CHA
Report Date: August 10, 2011

QUALITY CONTROL REPORT DAW11000077.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1119757	Soil	3.3	35.6	16.6	53	0.2	9.0	5.4	103	3.26	29.8	1.3	3.2	4.5	15	<0.1	6.0	0.3	41	0.19	0.045
REP 1119757	QC	3.3	37.5	17.3	54	0.2	9.0	5.7	104	3.41	29.1	1.3	2.9	4.4	14	<0.1	6.2	0.3	40	0.19	0.046
Reference Materials																					
STD DS8	Standard	13.1	106.8	134.0	306	1.8	38.5	7.1	652	2.54	25.3	2.7	124.0	6.8	71	2.2	5.8	6.4	43	0.72	0.075
STD DS8	Standard	13.6	125.1	129.7	327	1.9	40.5	8.1	662	2.65	27.7	2.9	118.6	7.6	68	2.4	6.0	7.3	46	0.72	0.083
STD DS8	Standard	13.2	102.1	121.4	302	1.6	35.2	6.9	598	2.38	25.9	2.8	112.7	7.0	65	2.1	5.6	6.9	41	0.69	0.079
STD DS8	Standard	12.4	106.8	118.1	302	1.8	37.2	7.4	592	2.41	25.8	2.5	114.9	6.0	65	2.1	5.2	6.1	41	0.68	0.077
STD DS8	Standard	12.3	100.1	114.0	292	1.7	34.9	7.0	581	2.32	24.6	2.5	100.9	6.5	62	2.3	5.2	5.9	39	0.65	0.074
STD DS8	Standard	11.7	100.0	124.2	295	1.7	36.2	7.1	577	2.29	25.2	2.7	103.7	7.0	56	2.2	4.1	5.1	40	0.66	0.075
STD DS8	Standard	14.7	119.1	131.7	330	1.9	42.1	8.4	669	2.64	28.2	3.1	125.7	7.5	62	2.4	4.9	5.4	48	0.79	0.084
STD DS8	Standard	13.3	111.0	126.5	318	1.8	37.1	7.4	584	2.44	28.4	2.9	108.0	7.2	57	2.5	5.0	5.3	43	0.66	0.078
STD DS8	Standard	13.7	112.8	131.3	325	1.9	40.7	7.7	629	2.64	28.5	2.7	121.1	7.0	70	2.2	6.4	6.8	43	0.72	0.083
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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

Project: CHA
Report Date: August 10, 2011

QUALITY CONTROL REPORT DAW11000077.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1119757	Soil	10	16	0.19	220	0.006	<1	0.95	0.008	0.06	0.1	0.35	7.2	0.2	<0.05	3	0.6	<0.2
REP 1119757	QC	9	16	0.19	219	0.005	<1	0.95	0.008	0.06	0.1	0.35	7.0	0.2	<0.05	2	1.0	<0.2
Reference Materials																		
STD DS8	Standard	15	120	0.63	289	0.116	3	0.97	0.090	0.44	2.9	0.21	2.5	5.7	0.15	5	6.0	5.0
STD DS8	Standard	16	122	0.65	277	0.129	3	0.93	0.094	0.42	2.9	0.22	2.2	5.4	0.18	5	4.7	5.0
STD DS8	Standard	15	110	0.60	279	0.113	3	0.89	0.086	0.40	3.0	0.21	2.1	5.3	0.15	5	5.5	4.7
STD DS8	Standard	14	112	0.59	273	0.111	3	0.88	0.086	0.41	3.0	0.20	2.2	5.2	0.14	4	4.9	4.8
STD DS8	Standard	14	109	0.57	266	0.111	3	0.86	0.086	0.39	3.0	0.20	2.1	5.2	0.14	4	4.9	4.9
STD DS8	Standard	14	112	0.51	264	0.112	2	0.87	0.088	0.40	2.7	0.17	1.9	5.0	0.13	4	4.5	4.3
STD DS8	Standard	16	131	0.65	298	0.128	2	1.02	0.107	0.46	2.9	0.20	2.6	5.8	0.15	5	5.7	5.4
STD DS8	Standard	14	116	0.62	278	0.107	3	0.91	0.087	0.42	3.2	0.21	1.8	5.3	0.18	5	5.2	4.9
STD DS8	Standard	14	117	0.63	285	0.117	1	0.91	0.090	0.44	3.2	0.20	2.2	5.4	0.19	5	4.9	5.3
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: July 26, 2011
Report Date: August 10, 2011
Page: 1 of 7

CERTIFICATE OF ANALYSIS DAW11000082.1

CLIENT JOB INFORMATION

Project: CHA
Shipment ID:
P.O. Number
Number of Samples: 163

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	163	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	163	Dry at 60C			WHI
1DX2	163	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Project: CHA
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS DAW11000082.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1119808	Soil		0.8	36.2	8.2	69	<0.1	28.7	16.5	425	4.62	6.8	1.6	1.7	14.4	15	<0.1	0.4	0.4	70	0.22	0.047
1119806	Soil		0.8	15.2	9.1	49	<0.1	20.0	14.0	420	3.36	4.4	0.7	1.1	7.2	19	<0.1	0.4	0.2	64	0.33	0.035
1119801	Soil		0.3	71.9	3.0	70	<0.1	13.2	17.0	584	4.49	32.7	0.5	<0.5	1.6	14	0.1	1.7	0.1	114	0.38	0.092
1119812	Soil		0.7	18.0	12.0	40	<0.1	16.0	6.1	158	1.91	4.8	0.7	1.8	4.2	17	0.1	0.6	0.2	45	0.19	0.035
1119807	Soil		0.5	38.1	10.9	39	<0.1	21.0	10.8	255	2.93	5.6	2.0	1.4	18.9	17	0.2	0.4	0.2	36	0.30	0.055
1119809	Soil		0.9	13.4	5.0	32	<0.1	10.4	17.5	834	4.09	1.7	0.7	<0.5	5.4	22	<0.1	0.5	0.1	70	0.39	0.074
1119805	Soil		0.6	17.9	20.6	64	<0.1	22.7	11.8	277	3.08	4.7	1.4	1.6	11.6	13	0.1	0.7	0.2	39	0.15	0.024
1119803	Soil		0.5	59.1	5.6	58	<0.1	23.5	16.3	529	4.54	11.2	0.5	0.7	2.6	16	<0.1	0.9	0.2	100	0.26	0.052
1119827	Soil		0.5	20.5	8.5	110	<0.1	24.9	17.0	631	4.27	3.5	0.9	1.0	8.4	27	<0.1	0.9	0.1	86	0.28	0.031
1119828	Soil		0.7	20.9	10.0	59	<0.1	19.1	10.5	297	2.77	4.4	1.2	1.2	6.6	21	<0.1	0.9	0.1	58	0.24	0.033
1119829	Soil		0.4	16.0	9.8	76	<0.1	29.3	22.3	676	5.00	4.6	1.3	<0.5	10.1	36	<0.1	3.5	<0.1	102	0.37	0.023
1119831	Soil		0.6	19.8	9.0	67	<0.1	21.3	11.8	329	3.16	5.4	1.1	2.4	6.2	22	<0.1	1.1	0.1	65	0.26	0.033
1119826	Soil		0.3	16.7	4.3	77	<0.1	28.7	20.3	707	3.60	2.2	0.6	<0.5	8.0	31	0.1	0.4	<0.1	81	0.18	0.030
1119830	Soil		0.3	15.5	9.7	70	<0.1	29.2	22.1	666	4.79	4.0	1.2	<0.5	9.5	34	<0.1	2.9	<0.1	100	0.33	0.018
1119819	Soil		0.7	9.4	3.8	78	<0.1	28.7	19.5	753	3.73	1.8	0.7	<0.5	9.1	25	<0.1	0.2	<0.1	78	0.21	0.028
1119832	Soil		0.8	17.5	9.3	59	<0.1	19.0	10.6	278	3.00	4.7	1.0	2.5	6.2	19	<0.1	1.1	0.1	64	0.21	0.026
1119825	Soil		0.7	23.3	11.3	83	<0.1	26.0	15.8	455	3.73	5.2	1.4	1.5	9.4	23	<0.1	1.1	0.1	79	0.29	0.040
1119820	Soil		0.5	10.9	10.1	70	<0.1	21.5	12.4	526	3.00	3.6	0.9	<0.5	10.8	18	<0.1	0.7	0.3	61	0.21	0.024
1119816	Soil		0.7	20.8	5.1	61	0.1	30.8	17.8	484	4.01	3.4	0.4	<0.5	3.0	7	<0.1	0.2	<0.1	102	0.09	0.013
1119818	Soil		0.6	8.7	3.2	76	<0.1	27.2	19.1	745	3.59	1.2	0.7	<0.5	9.3	19	<0.1	0.1	<0.1	75	0.19	0.028
1119823	Soil		0.4	14.4	9.5	102	<0.1	21.9	17.0	664	4.98	0.9	0.6	<0.5	6.6	20	<0.1	0.3	<0.1	87	0.28	0.047
1119813	Soil		0.7	20.9	11.5	54	<0.1	19.4	8.4	360	2.33	5.1	0.6	2.0	4.1	18	<0.1	0.6	0.1	54	0.18	0.018
1119815	Soil		0.5	292.4	8.9	87	2.5	32.4	21.6	706	4.38	6.2	0.8	6.1	8.4	20	0.1	0.5	2.0	94	0.18	0.030
1119824	Soil		0.7	13.2	10.0	73	<0.1	22.6	13.5	435	3.45	5.5	0.6	1.1	6.8	19	<0.1	0.4	0.2	69	0.21	0.023
1119814	Soil		1.1	19.2	10.4	59	<0.1	21.3	9.8	258	2.82	7.1	0.5	1.1	4.0	12	0.1	0.5	0.2	62	0.09	0.016
1119822	Soil		0.5	8.1	8.7	63	<0.1	17.5	11.2	391	2.73	2.4	0.7	<0.5	6.6	17	<0.1	0.4	0.1	62	0.22	0.024
1119821	Soil		0.8	9.3	9.0	119	<0.1	27.0	18.5	864	4.13	1.9	2.3	<0.5	22.3	20	<0.1	1.1	0.3	87	0.24	0.031
1119817	Soil		0.9	20.9	8.4	59	<0.1	17.5	9.5	476	2.67	3.0	0.4	<0.5	3.2	11	0.1	0.4	0.2	76	0.12	0.019
1119804	Soil		0.6	24.7	29.3	55	<0.1	22.4	12.1	248	3.48	2.5	1.3	<0.5	13.6	12	<0.1	0.3	0.3	41	0.15	0.029
1119802	Soil		0.8	48.7	10.4	81	<0.1	24.9	12.2	423	4.75	11.4	1.0	<0.5	18.4	7	<0.1	0.4	0.3	73	0.04	0.034

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Vancouver BC V6C 1H2 Canada

Project: CHA
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS DAW11000082.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1119808	Soil		31	54	1.04	274	0.247	<1	2.34	0.007	0.96	<0.1	0.08	7.6	0.6	0.06	8	<0.5	<0.2
1119806	Soil		16	40	0.88	223	0.154	<1	1.82	0.010	0.41	<0.1	0.02	5.2	0.3	<0.05	6	<0.5	<0.2
1119801	Soil		9	32	0.66	241	0.101	<1	1.62	0.017	0.52	<0.1	0.07	11.4	0.3	<0.05	5	<0.5	<0.2
1119812	Soil		12	24	0.41	170	0.059	<1	1.40	0.009	0.04	0.1	0.03	2.8	<0.1	<0.05	4	<0.5	<0.2
1119807	Soil		52	23	0.41	331	0.078	<1	1.11	0.008	0.33	<0.1	0.07	5.1	0.2	<0.05	4	<0.5	<0.2
1119809	Soil		27	54	1.16	348	0.138	<1	2.19	0.009	0.83	<0.1	<0.01	12.8	0.4	<0.05	6	<0.5	<0.2
1119805	Soil		26	26	0.44	267	0.089	<1	1.34	0.007	0.25	<0.1	0.07	4.4	0.2	<0.05	4	<0.5	<0.2
1119803	Soil		8	34	0.44	295	0.054	<1	1.58	0.010	0.30	<0.1	0.35	12.0	0.3	<0.05	5	0.9	<0.2
1119827	Soil		20	81	1.47	313	0.162	<1	2.60	0.011	0.46	0.1	0.02	4.9	0.3	<0.05	8	<0.5	<0.2
1119828	Soil		17	40	0.63	213	0.078	<1	1.77	0.009	0.08	0.1	0.02	4.7	<0.1	<0.05	5	<0.5	<0.2
1119829	Soil		18	105	1.78	469	0.101	<1	2.79	0.008	0.41	<0.1	0.02	11.8	0.3	<0.05	10	<0.5	<0.2
1119831	Soil		20	53	0.89	265	0.116	<1	1.91	0.010	0.22	0.1	0.03	6.1	0.1	<0.05	6	<0.5	<0.2
1119826	Soil		7	104	1.71	132	0.221	<1	2.65	0.010	0.64	<0.1	<0.01	3.8	0.4	<0.05	8	<0.5	<0.2
1119830	Soil		20	101	1.84	412	0.137	<1	2.88	0.008	0.49	<0.1	0.02	10.0	0.3	<0.05	9	<0.5	<0.2
1119819	Soil		12	102	1.73	286	0.214	<1	2.52	0.011	0.81	0.1	<0.01	6.0	0.4	<0.05	7	<0.5	<0.2
1119832	Soil		18	49	0.82	212	0.106	1	1.85	0.013	0.19	0.1	0.04	4.9	0.1	<0.05	6	<0.5	<0.2
1119825	Soil		23	72	1.11	248	0.097	<1	2.34	0.011	0.34	0.1	0.02	4.8	0.2	<0.05	7	0.6	<0.2
1119820	Soil		20	55	0.95	221	0.101	<1	1.86	0.008	0.26	0.1	<0.01	5.1	0.2	<0.05	6	<0.5	<0.2
1119816	Soil		4	125	1.95	124	0.262	<1	3.06	0.010	0.77	0.1	0.01	4.9	0.4	<0.05	10	<0.5	<0.2
1119818	Soil		12	100	1.71	257	0.201	<1	2.55	0.011	0.80	<0.1	<0.01	5.9	0.4	<0.05	6	<0.5	<0.2
1119823	Soil		11	96	1.63	470	0.154	<1	3.02	0.011	0.91	0.2	<0.01	7.0	0.3	<0.05	9	<0.5	<0.2
1119813	Soil		12	33	0.49	202	0.059	<1	1.56	0.010	0.05	<0.1	0.01	3.3	<0.1	<0.05	4	<0.5	<0.2
1119815	Soil		11	114	1.81	239	0.173	<1	2.86	0.009	0.78	0.1	0.03	5.9	0.4	<0.05	9	<0.5	<0.2
1119824	Soil		11	53	0.91	262	0.116	<1	2.35	0.010	0.33	0.1	0.02	3.9	0.2	<0.05	6	<0.5	<0.2
1119814	Soil		8	40	0.56	177	0.090	<1	2.32	0.009	0.10	<0.1	0.02	2.9	0.1	<0.05	7	<0.5	<0.2
1119822	Soil		14	65	1.05	158	0.074	<1	2.18	0.007	0.29	<0.1	0.01	5.8	0.2	<0.05	7	<0.5	<0.2
1119821	Soil		24	96	1.54	245	0.139	<1	2.62	0.008	0.52	0.1	0.01	8.7	0.4	<0.05	9	<0.5	<0.2
1119817	Soil		8	52	0.72	165	0.127	<1	1.81	0.012	0.18	<0.1	0.01	2.4	0.2	<0.05	7	<0.5	<0.2
1119804	Soil		28	29	0.67	246	0.179	<1	1.85	0.012	0.62	<0.1	0.06	4.3	0.4	<0.05	6	<0.5	<0.2
1119802	Soil		47	48	0.99	175	0.278	<1	2.91	0.009	0.96	<0.1	0.02	6.1	0.7	<0.05	11	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1119811	Soil	0.6	33.4	9.0	50	0.1	16.8	7.6	228	2.43	5.0	0.8	1.2	9.0	16	0.1	0.5	0.2	42	0.18	0.034
1119810	Soil	0.4	12.7	4.1	37	<0.1	26.3	14.4	423	3.46	2.3	0.8	<0.5	8.4	20	0.1	0.2	<0.1	64	0.36	0.081
1119833	Soil	0.5	15.3	8.1	110	<0.1	26.7	17.3	717	4.07	2.9	0.9	<0.5	8.9	24	0.2	2.2	0.2	85	0.26	0.035
1119835	Soil	0.7	20.4	15.2	66	<0.1	25.3	14.7	537	4.01	4.3	2.1	<0.5	13.6	25	<0.1	3.1	0.1	81	0.27	0.030
1119834	Soil	0.6	17.4	15.2	73	<0.1	28.0	16.9	684	4.31	3.3	2.4	<0.5	15.5	24	<0.1	3.8	<0.1	90	0.30	0.037
1119785	Soil	0.6	11.4	5.1	108	<0.1	20.7	15.3	752	3.05	5.9	1.0	0.7	9.4	27	<0.1	0.8	<0.1	60	0.36	0.030
1119967	Soil	1.1	25.5	10.5	59	0.4	18.9	13.8	1057	3.04	4.8	1.5	10.2	3.1	45	0.5	0.7	0.3	44	1.05	0.069
1119919	Soil	0.7	23.7	8.6	53	<0.1	19.9	9.6	290	2.58	7.8	1.1	2.9	3.1	33	0.2	0.5	0.2	54	0.44	0.060
1119955	Soil	0.5	27.3	5.0	53	<0.1	26.6	14.3	335	3.98	7.0	0.9	<0.5	17.5	12	<0.1	0.4	0.2	43	0.18	0.070
1119956	Soil	0.6	24.8	6.4	56	<0.1	23.6	13.3	300	3.73	9.3	1.0	<0.5	14.6	12	0.2	0.3	0.2	48	0.11	0.033
1119958	Soil	0.6	15.9	6.9	43	<0.1	18.2	9.4	214	3.17	4.9	1.0	<0.5	11.0	12	<0.1	0.3	0.2	44	0.13	0.036
1119974	Soil	0.7	19.1	9.9	55	<0.1	17.1	8.0	146	2.83	6.5	1.1	<0.5	4.0	23	<0.1	0.6	0.2	57	0.35	0.045
1119954	Soil	0.6	35.5	9.6	59	<0.1	21.9	12.3	267	3.48	7.9	1.3	2.4	8.3	20	<0.1	0.6	0.2	61	0.22	0.025
1119972	Soil	0.7	31.5	10.9	61	0.2	19.8	9.5	235	3.09	5.7	1.3	2.5	7.8	22	<0.1	0.6	0.3	55	0.36	0.048
1119963	Soil	0.6	23.5	8.0	46	<0.1	22.0	10.8	319	3.32	4.8	1.5	<0.5	16.4	19	0.1	0.5	0.2	39	0.16	0.027
1119960	Soil	0.6	69.1	9.7	70	0.1	26.0	10.7	353	3.83	2.8	1.6	2.6	10.6	20	0.2	0.7	0.6	48	0.37	0.071
1119964	Soil	0.4	28.5	8.7	65	<0.1	25.1	11.7	300	3.93	2.6	1.4	<0.5	13.0	25	<0.1	0.7	0.3	45	0.27	0.046
1119973	Soil	0.7	24.6	10.1	60	0.1	19.4	10.2	284	2.85	7.0	1.4	1.5	5.5	26	0.2	0.6	0.2	56	0.41	0.050
1119984	Soil	0.5	15.9	8.8	51	<0.1	15.6	7.3	186	2.28	6.0	0.9	0.5	1.9	22	0.2	0.4	0.2	47	0.27	0.057
1119976	Soil	0.6	23.5	8.4	52	<0.1	16.3	8.9	183	2.70	6.0	1.1	2.4	3.4	21	<0.1	0.5	0.2	62	0.36	0.049
1119983	Soil	0.7	13.4	8.8	54	<0.1	14.2	9.8	308	2.32	6.6	0.8	<0.5	2.3	22	0.1	0.4	0.2	53	0.30	0.058
1119977	Soil	0.4	23.0	8.3	59	0.1	17.2	9.5	201	2.66	5.8	1.2	<0.5	5.2	25	0.2	0.5	0.3	57	0.40	0.059
1119982	Soil	0.6	21.3	8.6	56	<0.1	16.7	9.5	253	2.61	6.6	1.1	1.4	4.4	25	0.1	0.5	0.2	54	0.36	0.060
1119975	Soil	0.6	21.9	8.5	55	<0.1	16.7	8.3	181	2.76	6.7	1.2	1.5	3.7	25	0.1	0.8	0.2	59	0.38	0.055
1119978	Soil	0.8	21.4	9.1	57	<0.1	17.7	11.8	288	3.05	8.1	1.2	0.7	4.1	24	0.2	0.5	0.2	59	0.35	0.057
1119979	Soil	0.5	18.6	8.7	55	0.1	15.7	10.3	619	2.48	6.1	1.0	3.0	4.1	24	0.1	0.5	0.2	55	0.38	0.051
1119980	Soil	0.6	19.4	8.2	53	<0.1	14.6	11.7	856	2.64	5.6	1.1	2.5	3.5	27	0.1	0.5	0.2	54	0.42	0.055
1119953	Soil	0.4	16.9	6.3	56	<0.1	8.5	6.1	205	2.11	3.2	0.8	1.3	3.4	15	0.1	0.6	0.2	46	0.20	0.044
1119981	Soil	0.5	21.8	8.2	55	0.1	18.3	8.6	231	2.49	5.8	1.2	1.7	4.5	25	0.1	0.5	0.2	53	0.37	0.061
1119965	Soil	0.5	17.4	13.8	57	<0.1	19.5	10.1	298	2.68	5.9	0.7	1.8	5.7	17	<0.1	0.5	0.2	46	0.19	0.025

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1119811	Soil	20	26	0.49	175	0.091	<1	1.48	0.009	0.17	0.2	0.02	3.4	0.2	<0.05	4	<0.5	<0.2
1119810	Soil	24	85	0.90	352	0.110	<1	2.13	0.013	0.55	<0.1	0.02	7.8	0.3	<0.05	6	<0.5	<0.2
1119833	Soil	14	83	1.53	331	0.134	<1	2.70	0.008	0.54	<0.1	<0.01	6.3	0.3	<0.05	9	<0.5	<0.2
1119835	Soil	19	60	0.74	501	0.076	<1	1.87	0.009	0.32	0.3	0.03	10.9	0.2	<0.05	6	<0.5	<0.2
1119834	Soil	20	66	0.92	546	0.084	<1	1.90	0.008	0.45	0.3	0.03	11.9	0.2	<0.05	6	<0.5	<0.2
1119785	Soil	28	70	1.67	356	0.182	<1	2.15	0.007	0.61	<0.1	0.03	5.3	0.4	<0.05	6	<0.5	<0.2
1119967	Soil	14	22	0.29	2271	0.013	2	1.77	0.009	0.18	0.1	0.16	6.0	0.1	0.28	5	0.7	<0.2
1119919	Soil	13	30	0.45	297	0.054	3	1.50	0.014	0.04	0.2	0.05	3.3	<0.1	0.15	4	0.8	<0.2
1119955	Soil	49	35	0.78	220	0.189	2	2.30	0.009	0.76	<0.1	<0.01	3.6	0.5	0.06	7	0.6	<0.2
1119956	Soil	40	32	0.63	192	0.128	<1	2.26	0.007	0.44	<0.1	0.03	3.1	0.4	<0.05	7	<0.5	<0.2
1119958	Soil	25	28	0.54	171	0.113	<1	1.66	0.008	0.39	<0.1	0.01	3.2	0.3	<0.05	6	0.7	<0.2
1119974	Soil	13	24	0.40	319	0.045	2	1.59	0.010	0.07	0.2	0.05	3.5	0.1	<0.05	5	<0.5	<0.2
1119954	Soil	26	37	0.62	269	0.120	<1	2.02	0.013	0.23	<0.1	0.04	5.0	0.3	<0.05	6	<0.5	<0.2
1119972	Soil	20	27	0.49	509	0.072	<1	1.68	0.012	0.18	0.2	0.10	5.6	0.1	<0.05	5	<0.5	<0.2
1119963	Soil	30	30	0.55	289	0.088	1	1.61	0.008	0.32	0.1	0.05	3.7	0.3	<0.05	5	<0.5	<0.2
1119960	Soil	36	58	0.59	356	0.036	<1	1.52	0.011	0.34	0.2	0.07	7.1	0.3	<0.05	5	<0.5	<0.2
1119964	Soil	20	40	0.50	614	0.036	2	1.27	0.007	0.39	0.3	0.03	5.4	0.3	<0.05	5	0.7	<0.2
1119973	Soil	17	28	0.50	421	0.082	<1	1.71	0.014	0.08	0.2	0.05	4.2	0.1	<0.05	5	0.7	<0.2
1119984	Soil	13	24	0.37	257	0.050	<1	1.43	0.011	0.06	0.2	0.05	2.5	0.1	<0.05	5	<0.5	<0.2
1119976	Soil	14	27	0.45	426	0.061	1	1.59	0.011	0.10	0.2	0.04	4.6	<0.1	<0.05	5	1.0	<0.2
1119983	Soil	11	23	0.38	241	0.047	<1	1.36	0.011	0.05	0.2	0.07	2.6	<0.1	<0.05	4	<0.5	<0.2
1119977	Soil	17	25	0.50	424	0.087	1	1.63	0.014	0.13	0.2	0.05	4.9	0.2	<0.05	5	<0.5	<0.2
1119982	Soil	15	26	0.43	338	0.077	<1	1.53	0.015	0.07	0.2	0.05	3.7	0.1	<0.05	5	<0.5	<0.2
1119975	Soil	14	27	0.42	468	0.055	1	1.66	0.012	0.09	0.2	0.06	4.3	0.1	<0.05	5	<0.5	<0.2
1119978	Soil	16	26	0.47	400	0.082	2	1.74	0.015	0.07	0.2	0.05	4.1	0.1	<0.05	5	0.8	<0.2
1119979	Soil	15	27	0.46	357	0.077	<1	1.62	0.013	0.07	0.2	0.05	3.6	0.1	<0.05	5	<0.5	<0.2
1119980	Soil	15	25	0.45	415	0.070	<1	1.56	0.016	0.07	0.2	0.04	3.7	0.1	<0.05	5	<0.5	<0.2
1119953	Soil	14	23	0.48	148	0.059	<1	1.30	0.009	0.21	0.1	0.02	2.4	0.2	<0.05	5	<0.5	<0.2
1119981	Soil	16	24	0.42	342	0.072	<1	1.52	0.016	0.07	0.2	0.04	3.8	0.1	<0.05	5	<0.5	<0.2
1119965	Soil	12	27	0.41	407	0.039	1	1.55	0.012	0.14	0.1	0.02	2.9	0.1	<0.05	5	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1119966	Soil	0.6	24.9	12.0	71	<0.1	21.8	7.2	236	2.68	4.0	1.2	<0.5	9.8	23	0.1	0.6	0.2	42	0.23	0.056
1119951	Soil	0.7	19.5	11.8	49	<0.1	17.7	7.7	301	2.99	7.6	0.9	0.6	5.9	17	<0.1	0.4	0.2	48	0.21	0.042
1119970	Soil	0.7	19.6	9.5	54	<0.1	14.1	6.3	203	2.39	4.2	1.3	1.1	5.2	19	0.1	0.5	0.2	51	0.28	0.044
1119959	Soil	0.4	15.2	4.7	53	<0.1	16.2	11.1	345	3.13	3.2	0.8	<0.5	6.3	14	<0.1	0.3	0.1	50	0.22	0.051
1119961	Soil	0.5	22.6	7.7	48	0.1	19.6	7.8	197	2.80	2.3	1.5	1.2	9.4	20	<0.1	0.7	0.2	39	0.28	0.056
1119962	Soil	0.6	12.4	9.8	46	<0.1	13.7	6.2	176	1.99	4.5	0.6	2.2	4.2	16	<0.1	0.5	0.2	38	0.19	0.031
1119968	Soil	0.8	15.6	10.3	47	0.1	14.0	7.3	217	2.46	4.3	1.1	0.6	3.5	25	<0.1	0.5	0.2	48	0.41	0.053
1119952	Soil	0.3	9.1	8.4	53	<0.1	20.6	13.3	651	3.56	1.6	1.3	<0.5	18.0	12	<0.1	0.2	0.4	43	0.15	0.067
1119969	Soil	0.7	13.9	9.1	55	<0.1	14.8	7.4	211	2.64	4.8	0.8	0.6	3.9	19	<0.1	0.4	0.2	50	0.26	0.039
1119971	Soil	0.8	17.2	10.9	50	<0.1	13.5	5.5	138	2.30	5.1	0.9	<0.5	1.3	20	0.2	0.4	0.2	51	0.25	0.044
1119905	Soil	0.5	26.4	11.9	70	<0.1	20.3	8.0	217	2.88	5.9	1.2	1.6	5.0	31	0.1	0.7	0.2	56	0.45	0.044
1119904	Soil	0.6	24.5	12.8	71	<0.1	20.8	8.6	241	2.98	6.1	1.2	2.3	5.4	31	<0.1	0.8	0.2	63	0.44	0.038
1119909	Soil	0.6	21.2	10.0	57	<0.1	17.2	8.9	247	2.70	6.9	1.0	4.7	3.8	33	0.1	0.6	0.2	56	0.45	0.044
1117751	Soil	0.6	36.8	23.7	317	<0.1	46.8	24.6	1506	5.97	2.6	0.5	2.4	2.5	36	0.9	0.4	0.6	153	0.81	0.268
1117752	Soil	0.6	42.1	20.3	149	<0.1	27.4	12.9	315	4.10	6.7	0.5	2.9	5.8	24	0.2	0.4	0.6	82	0.29	0.026
1117755	Soil	0.5	47.7	11.0	90	<0.1	10.2	14.5	498	4.76	3.9	0.5	2.4	3.8	14	<0.1	0.3	0.5	122	0.22	0.046
1117760	Soil	0.6	14.7	6.5	49	0.2	8.9	7.4	223	2.25	2.6	0.5	2.1	1.3	18	0.1	0.5	0.1	62	0.30	0.050
1117761	Soil	0.6	13.9	8.4	78	<0.1	16.0	8.2	278	2.92	4.7	0.5	1.6	3.4	16	0.1	0.5	0.1	55	0.26	0.048
1117649	Soil	2.8	47.9	13.8	79	<0.1	37.0	16.5	548	3.92	211.9	1.6	2.2	25.4	14	0.1	3.4	0.8	31	0.27	0.117
1119915	Soil	0.2	116.0	4.4	77	<0.1	29.6	18.9	709	3.96	3.2	0.6	1.0	5.4	48	0.2	0.5	<0.1	74	0.49	0.054
1119912	Soil	0.5	56.6	11.8	65	0.2	17.9	9.2	178	2.93	6.5	1.2	6.1	4.6	30	0.1	0.8	0.3	59	0.37	0.041
1119914	Soil	0.7	34.0	9.1	60	<0.1	18.1	10.4	272	2.77	7.0	1.1	4.5	4.0	27	0.1	0.7	0.2	55	0.34	0.050
1119908	Soil	0.6	19.6	10.3	57	<0.1	16.0	8.2	212	2.74	6.4	0.8	2.6	3.4	31	0.1	0.5	0.2	59	0.41	0.032
1119920	Soil	0.6	27.9	9.0	65	<0.1	21.1	9.2	248	2.75	9.3	0.9	3.0	4.4	29	0.2	0.7	0.2	55	0.40	0.062
1119913	Soil	0.6	29.3	9.5	56	0.1	18.0	12.6	321	2.65	7.1	1.3	6.1	2.8	32	0.2	0.7	0.2	55	0.39	0.068
1119910	Soil	0.4	117.6	4.1	85	<0.1	27.9	17.6	573	4.39	3.1	0.7	1.4	8.0	39	0.4	0.6	<0.1	84	0.51	0.062
1119901	Soil	1.1	19.7	12.8	136	<0.1	29.1	22.0	1040	5.99	1.5	2.2	<0.5	15.9	24	<0.1	1.5	<0.1	113	0.44	0.074
1119902	Soil	0.4	25.3	12.8	126	<0.1	19.2	13.1	436	4.28	4.8	1.1	2.9	9.3	30	0.3	2.2	0.3	79	0.54	0.058
1119907	Soil	0.1	36.5	5.6	87	<0.1	29.9	21.1	931	4.85	1.6	0.8	0.9	9.3	26	0.1	0.9	<0.1	92	0.51	0.076
1119929	Soil	0.1	21.1	9.0	50	0.1	16.2	7.2	145	2.31	6.7	0.8	3.2	3.4	26	0.2	0.5	0.1	48	0.35	0.059

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

Project: CHA
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS DAW11000082.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1119966	Soil		22	27	0.43	532	0.059	2	1.27	0.010	0.23	0.2	0.04	4.0	0.2	<0.05	4	<0.5	<0.2
1119951	Soil		17	27	0.43	205	0.048	1	1.66	0.008	0.16	<0.1	0.09	3.2	0.2	<0.05	5	<0.5	<0.2
1119970	Soil		17	23	0.43	392	0.057	1	1.55	0.009	0.18	<0.1	0.06	4.1	0.1	<0.05	5	<0.5	<0.2
1119959	Soil		15	22	0.75	222	0.128	<1	1.66	0.010	0.59	<0.1	0.02	3.4	0.3	<0.05	6	<0.5	<0.2
1119961	Soil		27	36	0.44	532	0.050	<1	1.29	0.009	0.27	0.2	0.05	5.4	0.2	<0.05	4	<0.5	<0.2
1119962	Soil		13	22	0.38	256	0.032	1	1.30	0.008	0.09	0.1	0.03	2.3	0.1	<0.05	4	<0.5	<0.2
1119968	Soil		12	23	0.32	632	0.031	<1	1.37	0.011	0.11	0.2	0.08	4.4	0.1	<0.05	4	<0.5	<0.2
1119952	Soil		37	34	0.76	217	0.202	<1	2.14	0.009	0.99	<0.1	0.02	4.7	0.6	<0.05	8	0.6	<0.2
1119969	Soil		14	24	0.53	328	0.072	1	1.61	0.012	0.17	0.1	0.03	3.4	0.1	<0.05	6	0.7	<0.2
1119971	Soil		12	22	0.32	319	0.035	<1	1.49	0.010	0.09	0.1	0.05	2.6	0.1	<0.05	6	0.5	<0.2
1119905	Soil		15	33	0.49	473	0.082	1	1.84	0.016	0.13	0.1	0.06	5.1	0.1	<0.05	6	0.7	<0.2
1119904	Soil		16	38	0.53	453	0.094	<1	1.98	0.014	0.12	0.2	0.05	5.7	0.1	<0.05	7	<0.5	<0.2
1119909	Soil		13	33	0.51	357	0.056	1	1.81	0.013	0.07	0.2	0.03	3.8	<0.1	0.10	5	<0.5	<0.2
1117751	Soil		7	166	2.75	414	0.204	2	3.45	0.015	1.11	<0.1	0.03	9.6	0.5	0.05	10	0.6	<0.2
1117752	Soil		18	57	0.97	273	0.157	1	2.41	0.016	0.29	<0.1	0.04	4.6	0.3	<0.05	7	<0.5	<0.2
1117755	Soil		11	15	0.95	272	0.180	2	2.50	0.016	0.75	<0.1	0.03	5.7	0.5	<0.05	7	<0.5	<0.2
1117760	Soil		8	13	0.47	456	0.060	2	1.44	0.015	0.27	0.1	0.04	3.4	0.1	<0.05	5	<0.5	<0.2
1117761	Soil		10	35	0.80	253	0.113	2	1.86	0.010	0.26	0.2	0.04	3.1	0.1	<0.05	6	<0.5	<0.2
1117649	Soil		78	29	0.78	304	0.166	<1	1.88	0.006	0.75	<0.1	0.01	3.2	0.4	<0.05	6	0.7	<0.2
1119915	Soil		12	89	1.87	479	0.187	<1	2.45	0.013	0.84	0.2	0.01	3.8	0.3	<0.05	6	<0.5	<0.2
1119912	Soil		14	36	0.53	327	0.072	3	2.03	0.014	0.09	0.2	0.06	4.5	0.1	<0.05	6	<0.5	<0.2
1119914	Soil		15	37	0.58	326	0.069	1	1.80	0.012	0.13	0.2	0.05	4.1	0.1	<0.05	5	0.6	<0.2
1119908	Soil		11	31	0.48	334	0.063	1	1.81	0.011	0.08	0.1	0.02	3.1	<0.1	<0.05	5	<0.5	<0.2
1119920	Soil		15	31	0.51	285	0.077	2	1.57	0.018	0.06	0.2	0.04	3.6	<0.1	<0.05	5	<0.5	<0.2
1119913	Soil		14	31	0.46	374	0.049	1	1.76	0.012	0.05	0.2	0.05	3.5	<0.1	<0.05	5	0.6	<0.2
1119910	Soil		12	96	1.84	381	0.185	<1	2.63	0.013	0.89	0.1	0.04	4.6	0.4	<0.05	8	<0.5	<0.2
1119901	Soil		34	104	1.91	458	0.149	<1	2.58	0.011	1.00	0.2	0.02	15.8	0.4	<0.05	10	<0.5	<0.2
1119902	Soil		26	48	1.10	996	0.096	1	2.29	0.015	0.51	0.2	0.10	12.5	0.2	<0.05	8	0.9	<0.2
1119907	Soil		15	98	2.05	501	0.149	<1	2.82	0.010	0.66	0.3	0.01	6.1	0.4	<0.05	10	<0.5	<0.2
1119929	Soil		13	23	0.37	245	0.060	<1	1.53	0.013	0.04	0.1	0.04	3.2	<0.1	<0.05	4	<0.5	<0.2

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

Project: CHA
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS DAW11000082.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1119924	Soil	0.3	20.6	9.0	52	<0.1	14.8	7.3	157	2.55	7.0	0.9	4.2	3.0	24	<0.1	0.5	0.2	52	0.31	0.052
1119921	Soil	0.7	17.3	7.6	46	<0.1	15.3	9.8	436	2.58	6.6	0.8	2.2	2.3	33	0.2	0.5	0.1	45	0.45	0.065
1119903	Soil	0.6	33.3	8.5	89	<0.1	24.7	17.7	916	5.89	3.9	1.6	1.8	14.3	27	<0.1	1.4	<0.1	103	0.46	0.082
1119925	Soil	0.6	24.3	8.2	51	<0.1	17.7	10.6	251	2.61	7.2	1.0	2.3	4.1	26	0.3	0.6	0.1	54	0.34	0.059
1119916	Soil	0.4	58.4	6.4	69	<0.1	24.6	11.6	277	3.19	4.5	0.8	1.9	4.8	34	0.2	0.5	0.1	68	0.49	0.060
1119926	Soil	0.4	25.9	9.5	53	<0.1	18.3	9.4	206	2.74	8.6	1.1	2.8	3.9	27	0.2	0.6	0.2	56	0.35	0.057
1119911	Soil	0.2	87.6	3.4	83	<0.1	26.0	16.4	499	4.01	2.2	0.7	2.5	8.0	41	0.3	0.5	<0.1	80	0.49	0.065
1119927	Soil	0.2	20.8	9.2	53	<0.1	14.1	6.4	120	1.88	4.9	1.0	2.3	3.5	24	0.2	0.6	0.2	49	0.32	0.049
1119906	Soil	0.5	27.3	11.1	59	0.1	20.9	10.5	322	2.87	7.6	1.2	1.7	4.2	33	0.1	0.7	0.1	59	0.50	0.048
1119922	Soil	0.8	22.0	8.5	54	<0.1	17.7	8.8	228	2.38	6.1	1.0	4.2	3.4	26	0.1	0.5	0.1	52	0.38	0.062
1119928	Soil	0.4	22.8	9.6	56	0.1	17.9	10.8	345	2.75	8.6	0.9	2.7	3.8	32	0.1	0.6	0.2	56	0.44	0.060
1119917	Soil	0.7	34.0	9.0	60	<0.1	21.7	11.0	274	2.99	6.9	1.2	10.8	4.1	32	0.3	0.6	0.2	58	0.43	0.051
1119918	Soil	0.7	20.5	8.4	52	<0.1	18.0	9.2	407	2.57	6.2	1.0	9.9	2.8	29	0.2	0.4	0.1	53	0.37	0.060
1119923	Soil	0.5	21.8	8.7	52	<0.1	16.6	8.0	182	2.45	6.2	1.0	1.7	3.5	27	0.2	0.6	0.1	53	0.37	0.060
1119993	Soil	0.9	16.3	7.4	66	<0.1	18.3	16.5	469	4.47	7.6	0.5	2.3	3.0	36	<0.1	0.4	0.1	111	0.35	0.038
1119987	Soil	1.2	19.4	21.2	90	<0.1	16.8	12.3	392	4.25	10.8	1.0	1.2	10.0	12	0.2	0.8	0.4	50	0.10	0.029
1119991	Soil	1.3	11.5	8.5	41	<0.1	8.9	8.8	409	3.52	4.9	0.4	1.8	0.5	11	0.2	0.5	0.2	79	0.08	0.040
1119986	Soil	1.1	25.9	22.5	108	<0.1	30.8	14.3	725	5.28	0.8	2.3	<0.5	23.8	14	<0.1	0.4	0.3	28	0.33	0.109
1118146	Soil	0.5	38.8	45.9	162	<0.1	18.5	11.7	536	3.37	7.0	1.1	<0.5	10.0	14	0.3	0.7	0.3	50	0.22	0.030
1119940	Soil	0.6	11.2	9.0	78	<0.1	14.0	7.7	264	2.46	6.4	0.5	<0.5	3.5	13	<0.1	0.4	0.2	56	0.16	0.034
1119998	Soil	1.0	22.1	19.5	100	<0.1	17.9	12.3	593	4.02	5.5	1.2	1.3	8.7	20	0.2	0.6	0.3	70	0.19	0.021
1119942	Soil	0.6	25.5	9.9	66	<0.1	22.3	11.3	414	3.62	2.9	1.6	<0.5	20.1	6	<0.1	0.2	0.2	38	0.13	0.059
1119945	Soil	0.8	22.4	14.0	63	<0.1	16.0	9.7	352	2.56	7.1	1.4	<0.5	5.7	17	<0.1	0.6	0.2	51	0.19	0.042
1119941	Soil	0.6	36.8	10.9	98	<0.1	18.9	13.7	442	4.36	7.8	1.0	0.9	8.0	13	0.2	0.6	0.5	125	0.15	0.016
1119948	Soil	1.0	24.8	12.1	59	<0.1	18.6	9.9	291	3.40	9.7	1.2	10.0	4.8	18	0.1	0.7	0.4	73	0.18	0.038
1119947	Soil	0.7	31.2	5.5	84	0.1	40.2	21.5	1282	5.02	1.3	1.1	<0.5	5.7	15	0.1	0.3	0.4	72	0.49	0.087
1119949	Soil	0.5	46.5	4.3	114	<0.1	29.9	17.9	673	5.88	4.5	1.9	<0.5	23.0	15	0.1	0.3	0.2	90	0.23	0.074
1119995	Soil	1.1	21.2	15.0	83	0.2	23.2	14.1	520	4.30	15.5	1.0	<0.5	14.5	22	0.1	3.8	0.4	32	0.27	0.048
1119943	Soil	0.8	17.0	14.9	75	<0.1	17.2	8.8	363	2.95	6.5	1.1	1.1	10.6	12	0.1	0.7	0.2	50	0.15	0.047
1119939	Soil	0.5	10.9	8.4	87	<0.1	13.0	8.0	279	2.41	5.6	0.5	1.4	3.4	15	<0.1	0.4	0.1	56	0.17	0.039

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1119924	Soil		13	27	0.39	258	0.053	1	1.61	0.013	0.05	0.1	0.05	3.1	<0.1	<0.05	4	<0.5	0.2
1119921	Soil		11	24	0.38	241	0.053	1	1.39	0.015	0.05	0.2	0.04	2.6	<0.1	<0.05	4	<0.5	<0.2
1119903	Soil		16	61	1.19	641	0.128	<1	2.11	0.008	0.66	0.1	<0.01	15.7	0.3	<0.05	9	<0.5	<0.2
1119925	Soil		15	25	0.37	297	0.062	<1	1.42	0.013	0.04	0.2	0.04	3.4	<0.1	<0.05	4	<0.5	<0.2
1119916	Soil		13	62	0.99	338	0.125	<1	1.90	0.019	0.34	0.2	0.02	5.0	0.2	<0.05	6	<0.5	<0.2
1119926	Soil		14	27	0.41	307	0.063	<1	1.62	0.014	0.04	0.2	0.04	3.7	<0.1	<0.05	5	<0.5	<0.2
1119911	Soil		11	89	1.68	361	0.172	<1	2.47	0.010	0.83	0.1	0.03	4.4	0.3	<0.05	7	<0.5	<0.2
1119927	Soil		13	24	0.38	256	0.054	1	1.51	0.014	0.05	0.2	0.04	2.9	<0.1	<0.05	4	<0.5	<0.2
1119906	Soil		14	32	0.44	458	0.073	<1	1.87	0.014	0.07	0.1	0.04	4.5	<0.1	<0.05	5	<0.5	<0.2
1119922	Soil		14	28	0.43	275	0.069	1	1.53	0.015	0.04	0.2	0.04	3.3	<0.1	<0.05	5	<0.5	<0.2
1119928	Soil		14	27	0.39	270	0.073	1	1.71	0.014	0.05	0.1	0.04	3.6	<0.1	<0.05	4	<0.5	<0.2
1119917	Soil		15	35	0.52	331	0.083	<1	1.75	0.015	0.05	0.2	0.04	4.2	<0.1	<0.05	5	<0.5	<0.2
1119918	Soil		12	31	0.46	290	0.055	<1	1.61	0.020	0.04	0.2	0.05	3.1	<0.1	<0.05	5	<0.5	<0.2
1119923	Soil		14	28	0.40	275	0.062	<1	1.50	0.016	0.04	0.2	0.04	3.2	<0.1	<0.05	4	<0.5	<0.2
1119993	Soil		10	46	1.08	264	0.084	<1	2.76	0.024	0.05	<0.1	<0.01	5.7	<0.1	<0.05	7	<0.5	<0.2
1119987	Soil		33	26	0.40	303	0.047	<1	1.72	0.006	0.35	<0.1	0.02	3.9	0.2	<0.05	5	<0.5	<0.2
1119991	Soil		9	24	0.19	147	0.016	<1	1.25	0.008	0.07	<0.1	0.02	2.8	<0.1	<0.05	6	<0.5	<0.2
1119986	Soil		59	18	0.44	515	0.039	<1	1.12	0.007	0.54	<0.1	0.05	5.5	0.3	<0.05	5	<0.5	<0.2
1118146	Soil		27	24	0.52	393	0.068	2	1.44	0.006	0.29	<0.1	0.03	4.8	0.3	<0.05	5	<0.5	<0.2
1119940	Soil		11	24	0.57	173	0.093	2	2.01	0.008	0.16	<0.1	0.03	2.8	0.2	<0.05	8	<0.5	<0.2
1119998	Soil		31	31	0.77	413	0.119	2	2.14	0.009	0.43	<0.1	0.09	7.1	0.3	<0.05	7	<0.5	<0.2
1119942	Soil		54	30	0.99	148	0.207	1	2.48	0.006	0.85	<0.1	0.02	3.0	0.6	<0.05	8	<0.5	<0.2
1119945	Soil		20	26	0.47	259	0.054	2	1.77	0.008	0.12	<0.1	0.07	4.4	0.1	<0.05	5	<0.5	<0.2
1119941	Soil		21	39	0.78	230	0.149	<1	2.80	0.010	0.32	<0.1	0.02	8.0	0.3	<0.05	9	<0.5	<0.2
1119948	Soil		16	42	0.52	302	0.077	1	2.22	0.010	0.16	0.1	0.09	6.7	0.2	<0.05	7	0.7	<0.2
1119947	Soil		21	78	0.70	608	0.066	<1	1.52	0.012	0.68	<0.1	0.11	14.9	0.4	<0.05	5	<0.5	<0.2
1119949	Soil		54	49	1.21	579	0.266	<1	2.60	0.010	1.41	<0.1	0.05	9.9	0.8	<0.05	10	<0.5	<0.2
1119995	Soil		49	19	0.26	350	0.011	2	0.98	0.006	0.13	<0.1	0.02	4.6	0.1	<0.05	3	<0.5	<0.2
1119943	Soil		30	27	0.63	143	0.114	<1	1.79	0.006	0.35	0.1	0.06	3.2	0.2	<0.05	6	<0.5	<0.2
1119939	Soil		11	24	0.64	173	0.105	1	1.85	0.008	0.21	0.1	0.02	2.8	0.2	0.05	8	<0.5	<0.2

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

Project: CHA
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS DAW11000082.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1120000	Soil	0.3	27.5	9.3	98	<0.1	15.2	21.9	726	5.31	4.3	1.4	<0.5	6.4	21	<0.1	0.4	0.2	105	0.48	0.126
1119944	Soil	0.8	17.3	10.9	55	<0.1	20.2	10.5	296	2.77	6.9	0.9	1.2	6.4	14	0.1	0.4	0.2	51	0.16	0.038
1119992	Soil	0.9	15.3	8.4	57	<0.1	14.1	13.0	331	3.72	6.4	0.6	<0.5	3.0	34	<0.1	0.5	0.1	118	0.44	0.061
1119946	Soil	2.2	84.2	18.9	210	<0.1	219.5	43.0	1681	6.41	12.1	2.9	<0.5	16.6	71	0.3	2.5	0.7	77	1.38	0.676
1119997	Soil	0.8	21.4	21.3	86	<0.1	20.8	10.4	347	3.52	4.5	1.1	<0.5	13.2	12	<0.1	0.3	0.2	47	0.19	0.029
1119938	Soil	0.1	23.9	25.0	162	<0.1	27.2	14.6	737	3.53	1.2	2.2	<0.5	24.6	17	<0.1	0.3	0.7	46	0.28	0.075
1119996	Soil	0.7	15.5	10.6	79	<0.1	21.4	10.9	324	3.34	6.3	1.0	<0.5	10.8	14	<0.1	0.3	0.2	49	0.16	0.020
1119937	Soil	0.7	21.5	18.1	52	<0.1	12.8	3.0	3499	2.29	5.4	1.0	<0.5	1.9	16	0.6	0.8	<0.1	20	0.16	0.012
1119936	Soil	0.6	39.3	25.2	340	<0.1	15.9	15.2	557	4.54	1.7	0.6	<0.5	3.0	9	0.7	0.3	0.6	104	0.20	0.048
1119999	Soil	0.3	19.7	24.2	94	<0.1	25.1	14.5	682	3.87	1.6	1.5	<0.5	16.5	11	<0.1	0.3	0.3	45	0.24	0.066
1119994	Soil	4.0	18.4	5.5	52	0.2	9.2	24.3	1147	8.33	599.9	0.3	2.0	1.4	66	0.1	1.5	<0.1	89	0.73	0.128
1118145	Soil	0.9	35.0	26.5	97	0.2	20.1	16.0	1173	4.08	5.7	1.3	<0.5	14.9	12	0.2	0.6	0.3	45	0.42	0.087
1119988	Soil	0.3	29.8	25.9	102	<0.1	25.7	13.0	660	3.89	2.8	1.8	<0.5	19.6	14	<0.1	0.5	0.3	29	0.21	0.072
1119990	Soil	0.5	39.8	14.3	119	<0.1	41.3	24.3	893	4.96	2.8	2.2	<0.5	27.2	16	<0.1	0.3	0.4	27	0.23	0.076
1119989	Soil	0.9	31.1	17.3	95	<0.1	29.8	15.4	435	4.65	7.8	1.4	<0.5	15.2	7	0.1	0.5	0.3	48	0.08	0.033
1118147	Soil	0.5	10.4	11.9	64	<0.1	7.9	4.5	196	1.71	3.3	0.7	<0.5	2.5	15	<0.1	0.7	0.2	38	0.25	0.027
1117648	Soil	0.2	19.4	5.3	85	<0.1	14.8	11.2	564	4.46	8.1	1.0	<0.5	7.1	20	<0.1	0.7	0.6	55	0.31	0.065
1117646	Soil	0.4	10.1	14.9	44	<0.1	5.9	4.5	266	1.65	2.7	0.6	<0.5	5.1	6	<0.1	0.3	<0.1	13	0.05	0.028
1117647	Soil	0.2	20.9	4.9	87	<0.1	14.5	12.2	681	5.01	9.7	1.1	<0.5	7.3	22	<0.1	0.6	0.6	59	0.33	0.071
1117644	Soil	0.1	13.3	7.2	39	<0.1	16.5	7.4	323	2.70	1.0	0.7	<0.5	21.0	14	<0.1	0.2	0.4	23	0.22	0.062
1117698	Soil	1.1	17.7	15.2	52	<0.1	19.1	10.4	316	3.82	8.1	1.2	0.6	11.4	10	<0.1	0.6	0.2	63	0.10	0.035
1117754	Soil	0.7	33.6	7.0	77	<0.1	7.3	10.0	367	3.68	1.8	0.5	<0.5	2.9	14	0.1	0.2	0.2	85	0.35	0.122
1117641	Soil	0.3	53.7	3.8	73	<0.1	7.2	21.4	522	5.04	18.5	0.5	<0.5	1.4	26	<0.1	1.1	0.2	188	0.60	0.089
1117642	Soil	0.7	16.8	11.6	54	<0.1	17.7	8.5	280	3.46	8.5	0.6	1.3	6.1	12	<0.1	0.7	0.4	62	0.14	0.026
1117645	Soil	0.8	9.3	9.1	49	<0.1	7.9	3.4	138	1.76	3.1	0.4	0.8	4.1	8	<0.1	0.3	0.2	37	0.05	0.015
1117638	Soil	1.0	13.2	17.6	59	<0.1	19.8	8.8	400	2.63	10.0	0.6	0.6	6.8	11	0.2	0.6	0.3	49	0.12	0.025
1117643	Soil	0.3	38.0	6.7	96	<0.1	32.3	15.4	526	4.01	4.0	1.4	<0.5	14.3	16	<0.1	0.2	0.2	57	0.31	0.083
1117640	Soil	0.5	10.8	12.8	59	<0.1	18.0	8.4	331	3.20	6.9	1.3	<0.5	21.3	15	<0.1	0.5	0.7	43	0.12	0.021
1117639	Soil	0.2	12.9	2.2	116	<0.1	22.1	22.2	942	7.42	5.2	0.6	1.1	2.1	22	0.2	1.2	0.2	203	0.39	0.079
1117637	Soil	0.5	9.6	8.2	25	<0.1	5.4	3.4	139	1.15	1.9	0.5	<0.5	0.2	8	0.1	0.3	0.1	19	0.07	0.032

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1120000	Soil		20	17	0.63	514	0.034	<1	1.81	0.007	0.43	<0.1	0.12	14.6	0.2	<0.05	7	<0.5	<0.2
1119944	Soil		16	32	0.57	184	0.078	1	2.16	0.009	0.12	0.1	0.04	3.3	0.1	<0.05	5	<0.5	<0.2
1119992	Soil		13	35	0.86	321	0.064	<1	2.11	0.025	0.07	0.1	0.03	5.9	<0.1	0.05	7	<0.5	<0.2
1119946	Soil		87	120	0.42	251	0.021	1	2.23	0.004	0.29	0.2	0.13	8.4	0.3	<0.05	6	<0.5	<0.2
1119997	Soil		38	29	0.67	208	0.107	<1	2.19	0.007	0.47	<0.1	0.01	3.6	0.3	<0.05	7	<0.5	<0.2
1119938	Soil		67	43	1.28	361	0.213	<1	2.28	0.008	1.23	<0.1	<0.01	5.2	0.6	<0.05	9	<0.5	<0.2
1119996	Soil		28	28	0.58	233	0.050	<1	1.92	0.007	0.21	<0.1	0.01	3.2	0.2	<0.05	6	<0.5	<0.2
1119937	Soil		10	5	0.17	546	0.004	<1	0.80	0.005	0.11	<0.1	0.11	3.4	<0.1	<0.05	3	<0.5	<0.2
1119936	Soil		10	52	1.21	405	0.201	<1	2.72	0.018	0.88	<0.1	0.01	8.0	0.4	<0.05	9	<0.5	<0.2
1119999	Soil		49	35	0.90	312	0.190	<1	2.04	0.008	1.02	<0.1	0.02	5.4	0.6	<0.05	8	<0.5	<0.2
1119994	Soil		13	20	0.28	421	0.001	<1	0.77	0.021	0.13	<0.1	0.06	25.8	<0.1	0.13	2	0.5	0.2
1118145	Soil		45	25	0.50	485	0.043	<1	1.54	0.006	0.49	<0.1	0.32	10.4	0.3	<0.05	6	<0.5	<0.2
1119988	Soil		65	26	0.60	405	0.106	<1	1.67	0.007	0.74	<0.1	<0.01	4.2	0.4	<0.05	6	<0.5	<0.2
1119990	Soil		76	25	0.69	301	0.102	<1	1.55	0.008	0.59	<0.1	<0.01	5.0	0.4	0.05	5	<0.5	<0.2
1119989	Soil		48	34	0.71	138	0.109	<1	2.68	0.006	0.60	<0.1	0.02	3.9	0.5	0.05	8	<0.5	<0.2
1118147	Soil		13	14	0.39	338	0.044	<1	1.19	0.007	0.15	0.1	0.01	2.4	0.1	<0.05	5	<0.5	<0.2
1117648	Soil		18	14	0.35	1050	0.019	<1	1.11	0.006	0.37	<0.1	0.07	12.6	0.3	0.05	4	<0.5	<0.2
1117646	Soil		11	7	0.07	71	0.002	<1	0.98	0.004	0.08	<0.1	<0.01	1.2	<0.1	<0.05	2	0.7	<0.2
1117647	Soil		19	12	0.31	1210	0.009	<1	1.10	0.006	0.35	<0.1	0.08	14.3	0.3	<0.05	4	0.6	<0.2
1117644	Soil		60	24	0.62	253	0.120	<1	1.73	0.007	0.62	<0.1	<0.01	3.4	0.3	<0.05	5	0.6	<0.2
1117698	Soil		28	35	0.51	134	0.099	<1	2.59	0.008	0.15	0.1	0.04	4.3	0.2	<0.05	7	<0.5	<0.2
1117754	Soil		8	9	0.81	315	0.207	<1	2.11	0.009	0.85	<0.1	<0.01	5.1	0.4	<0.05	7	<0.5	<0.2
1117641	Soil		7	5	1.32	629	0.112	<1	2.72	0.026	0.51	<0.1	0.10	15.1	0.4	<0.05	9	<0.5	<0.2
1117642	Soil		18	31	0.59	181	0.096	<1	2.22	0.007	0.21	0.1	0.04	3.6	0.2	<0.05	8	<0.5	<0.2
1117645	Soil		14	14	0.30	144	0.054	<1	1.18	0.007	0.17	<0.1	0.01	1.3	0.2	<0.05	6	<0.5	<0.2
1117638	Soil		13	24	0.44	131	0.046	<1	1.55	0.007	0.11	0.1	0.04	2.3	0.1	<0.05	6	<0.5	<0.2
1117643	Soil		45	54	1.10	409	0.271	<1	2.77	0.015	1.17	<0.1	0.02	4.5	0.6	<0.05	10	<0.5	<0.2
1117640	Soil		44	37	0.73	257	0.109	<1	2.30	0.007	0.63	<0.1	0.05	3.7	0.4	<0.05	8	<0.5	<0.2
1117639	Soil		5	13	1.06	1108	0.065	<1	2.70	0.007	0.34	<0.1	0.13	16.8	0.2	<0.05	9	<0.5	<0.2
1117637	Soil		8	11	0.12	121	0.016	<1	0.79	0.013	0.10	<0.1	0.16	0.5	<0.1	<0.05	3	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1117635	Soil	0.9	13.9	18.4	56	<0.1	14.6	7.5	301	2.60	8.6	0.7	1.1	6.2	9	<0.1	0.8	0.2	45	0.09	0.026
1117700	Soil	0.5	8.4	7.7	62	<0.1	7.0	4.2	190	1.63	5.9	0.5	0.8	2.5	11	<0.1	0.8	0.1	38	0.12	0.032
1117636	Soil	0.3	23.9	9.8	70	<0.1	25.8	12.6	375	3.94	3.8	0.9	<0.5	22.7	15	<0.1	0.4	0.2	54	0.25	0.052
1117634	Soil	1.1	22.5	12.8	72	<0.1	27.0	16.4	499	3.47	11.3	0.6	4.4	6.8	15	0.2	0.7	0.2	67	0.16	0.033
1117697	Soil	0.9	22.4	10.4	106	<0.1	12.2	16.8	806	5.20	5.4	0.8	1.2	5.6	16	0.1	0.4	0.3	88	0.24	0.068
1117699	Soil	0.4	17.9	10.6	107	<0.1	10.1	6.2	323	2.43	3.8	1.0	1.8	3.3	15	0.1	0.6	0.2	47	0.23	0.055
1117758	Soil	0.8	29.4	11.8	76	0.1	16.4	11.2	315	3.07	6.5	1.0	2.0	4.8	19	<0.1	0.6	0.2	74	0.39	0.040
1117759	Soil	0.7	18.8	7.6	71	<0.1	12.7	15.7	421	4.12	5.1	0.5	0.7	2.7	19	<0.1	0.8	0.1	126	0.43	0.032
1117650	Soil	0.4	39.4	9.2	59	<0.1	19.4	9.4	336	3.32	3.6	1.0	0.5	14.7	9	<0.1	0.3	0.3	38	0.09	0.039
1117756	Soil	0.4	49.4	12.2	183	<0.1	19.6	14.8	659	4.27	17.9	1.1	<0.5	8.8	20	0.4	0.3	0.5	68	0.35	0.077
1117753	Soil	0.9	28.5	39.5	125	<0.1	16.2	13.4	541	3.46	5.7	0.5	1.4	6.4	17	0.2	0.3	0.8	75	0.20	0.031
1117757	Soil	0.6	35.6	16.8	85	0.2	18.5	8.1	273	2.95	9.9	1.0	2.1	7.0	18	0.1	0.6	0.4	54	0.30	0.066
1119957	Soil	0.5	12.7	6.3	61	<0.1	18.5	8.7	172	2.75	3.8	1.8	0.7	23.8	18	<0.1	0.2	0.1	22	0.21	0.069

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

Project: CHA
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS DAW11000082.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1117635	Soil	18	21	0.32	189	0.032	<1	1.53	0.007	0.13	<0.1	0.39	2.5	0.1	<0.05	5	<0.5	<0.2
1117700	Soil	10	13	0.38	184	0.064	<1	1.17	0.007	0.14	<0.1	0.18	1.8	0.1	<0.05	5	<0.5	<0.2
1117636	Soil	47	44	1.04	583	0.219	<1	2.29	0.011	0.96	<0.1	0.30	6.1	0.3	<0.05	10	<0.5	<0.2
1117634	Soil	11	38	0.62	232	0.065	<1	2.57	0.012	0.09	0.2	0.11	3.4	<0.1	<0.05	6	<0.5	<0.2
1117697	Soil	29	33	1.11	774	0.182	<1	2.85	0.011	0.73	<0.1	0.10	8.5	0.3	<0.05	10	<0.5	<0.2
1117699	Soil	13	18	0.46	407	0.051	<1	1.23	0.007	0.21	0.1	0.07	3.2	0.1	<0.05	5	<0.5	<0.2
1117758	Soil	16	29	0.77	481	0.120	<1	2.01	0.011	0.22	0.2	0.07	5.0	0.1	<0.05	6	<0.5	<0.2
1117759	Soil	9	19	0.92	822	0.153	<1	2.25	0.013	0.52	<0.1	0.03	6.3	0.3	<0.05	7	<0.5	<0.2
1117650	Soil	40	30	0.71	174	0.164	<1	1.94	0.008	0.81	<0.1	0.02	2.9	0.5	<0.05	7	<0.5	<0.2
1117756	Soil	27	29	1.43	397	0.259	<1	2.71	0.013	1.21	0.1	0.05	4.3	0.6	<0.05	8	<0.5	<0.2
1117753	Soil	17	33	1.04	205	0.146	<1	2.25	0.012	0.51	0.1	0.02	3.7	0.3	<0.05	7	<0.5	<0.2
1117757	Soil	23	35	0.66	371	0.104	<1	2.04	0.009	0.22	0.2	0.08	3.7	0.2	<0.05	7	<0.5	<0.2
1119957	Soil	53	19	0.38	197	0.075	<1	1.26	0.007	0.37	<0.1	<0.01	2.1	0.2	<0.05	4	<0.5	<0.2

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

Project: CHA
Report Date: August 10, 2011

QUALITY CONTROL REPORT DAW11000082.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1119825	Soil	0.7	23.3	11.3	83	<0.1	26.0	15.8	455	3.73	5.2	1.4	1.5	9.4	23	<0.1	1.1	0.1	79	0.29	0.040
REP 1119825	QC	0.6	23.2	11.3	83	<0.1	25.5	15.3	456	3.73	5.2	1.4	0.6	9.6	23	<0.1	1.1	0.1	79	0.29	0.041
1119821	Soil	0.8	9.3	9.0	119	<0.1	27.0	18.5	864	4.13	1.9	2.3	<0.5	22.3	20	<0.1	1.1	0.3	87	0.24	0.031
REP 1119821	QC	0.9	8.9	8.6	119	<0.1	27.6	18.3	864	4.02	1.8	2.3	<0.5	21.3	19	<0.1	1.0	0.3	84	0.24	0.029
1119919	Soil	0.7	23.7	8.6	53	<0.1	19.9	9.6	290	2.58	7.8	1.1	2.9	3.1	33	0.2	0.5	0.2	54	0.44	0.060
REP 1119919	QC	0.7	23.1	8.6	52	<0.1	19.0	9.2	288	2.43	7.7	1.0	2.9	3.1	31	0.2	0.5	0.1	54	0.44	0.056
1119959	Soil	0.4	15.2	4.7	53	<0.1	16.2	11.1	345	3.13	3.2	0.8	<0.5	6.3	14	<0.1	0.3	0.1	50	0.22	0.051
REP 1119959	QC	0.3	16.4	4.7	52	<0.1	15.6	11.1	360	3.34	3.2	0.8	<0.5	6.4	13	<0.1	0.3	0.1	51	0.23	0.053
1119902	Soil	0.4	25.3	12.8	126	<0.1	19.2	13.1	436	4.28	4.8	1.1	2.9	9.3	30	0.3	2.2	0.3	79	0.54	0.058
REP 1119902	QC	0.5	25.2	12.0	120	0.1	18.6	13.2	414	4.26	4.7	1.1	1.5	9.0	28	0.3	2.0	0.2	77	0.52	0.054
1119911	Soil	0.2	87.6	3.4	83	<0.1	26.0	16.4	499	4.01	2.2	0.7	2.5	8.0	41	0.3	0.5	<0.1	80	0.49	0.065
REP 1119911	QC	0.2	85.5	3.4	79	<0.1	25.5	16.2	480	3.89	2.2	0.7	2.0	7.9	41	0.2	0.6	<0.1	78	0.50	0.064
1119938	Soil	0.1	23.9	25.0	162	<0.1	27.2	14.6	737	3.53	1.2	2.2	<0.5	24.6	17	<0.1	0.3	0.7	46	0.28	0.075
REP 1119938	QC	0.2	25.3	25.3	164	<0.1	27.5	15.5	783	3.75	1.6	2.3	<0.5	25.4	18	<0.1	0.3	0.8	46	0.27	0.077
1117648	Soil	0.2	19.4	5.3	85	<0.1	14.8	11.2	564	4.46	8.1	1.0	<0.5	7.1	20	<0.1	0.7	0.6	55	0.31	0.065
REP 1117648	QC	0.2	21.6	5.4	94	<0.1	15.1	11.6	581	4.70	8.8	1.0	<0.5	7.4	22	<0.1	0.7	0.6	57	0.34	0.075
1117699	Soil	0.4	17.9	10.6	107	<0.1	10.1	6.2	323	2.43	3.8	1.0	1.8	3.3	15	0.1	0.6	0.2	47	0.23	0.055
REP 1117699	QC	0.5	17.4	10.1	108	<0.1	10.0	6.1	319	2.52	3.9	0.9	<0.5	3.3	15	<0.1	0.5	0.2	44	0.23	0.054
Reference Materials																					
STD DS8	Standard	13.8	118.9	131.3	313	1.8	41.6	8.3	612	2.47	25.9	2.9	116.0	7.0	67	2.2	5.9	6.8	46	0.69	0.077
STD DS8	Standard	13.0	106.9	122.5	308	1.7	35.8	7.3	595	2.60	24.8	2.7	124.2	6.7	66	2.1	5.2	6.1	42	0.67	0.078
STD DS8	Standard	12.3	101.7	124.5	295	1.6	38.0	7.1	579	2.48	24.0	2.9	102.6	7.1	64	2.2	4.8	6.0	41	0.65	0.075
STD DS8	Standard	14.0	123.4	132.3	334	1.9	41.3	8.0	700	2.70	27.9	2.9	125.3	7.4	70	2.7	6.0	7.0	46	0.75	0.082
STD DS8	Standard	13.1	105.2	118.8	300	1.8	38.9	7.3	610	2.41	24.9	2.7	109.9	6.8	66	2.3	5.6	6.4	39	0.69	0.079
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Client: **Ryan Gold Corp.**
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Project: CHA
Report Date: August 10, 2011

QUALITY CONTROL REPORT DAW11000082.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1119825	Soil	23	72	1.11	248	0.097	<1	2.34	0.011	0.34	0.1	0.02	4.8	0.2	<0.05	7	0.6	<0.2
REP 1119825	QC	24	71	1.13	254	0.101	<1	2.42	0.010	0.34	0.1	0.02	5.0	0.2	<0.05	7	<0.5	<0.2
1119821	Soil	24	96	1.54	245	0.139	<1	2.62	0.008	0.52	0.1	0.01	8.7	0.4	<0.05	9	<0.5	<0.2
REP 1119821	QC	23	96	1.49	246	0.137	<1	2.55	0.008	0.53	<0.1	<0.01	8.6	0.4	<0.05	9	<0.5	<0.2
1119919	Soil	13	30	0.45	297	0.054	3	1.50	0.014	0.04	0.2	0.05	3.3	<0.1	0.15	4	0.8	<0.2
REP 1119919	QC	13	28	0.42	297	0.048	2	1.43	0.012	0.04	0.2	0.04	3.2	<0.1	0.10	4	0.9	<0.2
1119959	Soil	15	22	0.75	222	0.128	<1	1.66	0.010	0.59	<0.1	0.02	3.4	0.3	<0.05	6	<0.5	<0.2
REP 1119959	QC	15	23	0.76	222	0.132	<1	1.67	0.010	0.62	<0.1	0.02	3.7	0.3	<0.05	6	<0.5	<0.2
1119902	Soil	26	48	1.10	996	0.096	1	2.29	0.015	0.51	0.2	0.10	12.5	0.2	<0.05	8	0.9	<0.2
REP 1119902	QC	24	49	1.04	946	0.091	<1	2.22	0.013	0.47	0.2	0.09	11.9	0.2	<0.05	8	<0.5	<0.2
1119911	Soil	11	89	1.68	361	0.172	<1	2.47	0.010	0.83	0.1	0.03	4.4	0.3	<0.05	7	<0.5	<0.2
REP 1119911	QC	11	89	1.64	365	0.166	<1	2.34	0.010	0.81	0.1	0.03	4.1	0.3	<0.05	7	<0.5	<0.2
1119938	Soil	67	43	1.28	361	0.213	<1	2.28	0.008	1.23	<0.1	<0.01	5.2	0.6	<0.05	9	<0.5	<0.2
REP 1119938	QC	69	44	1.36	373	0.211	<1	2.46	0.009	1.28	<0.1	<0.01	5.1	0.6	<0.05	9	<0.5	<0.2
1117648	Soil	18	14	0.35	1050	0.019	<1	1.11	0.006	0.37	<0.1	0.07	12.6	0.3	0.05	4	<0.5	<0.2
REP 1117648	QC	20	14	0.38	1158	0.020	<1	1.28	0.006	0.41	<0.1	0.07	13.4	0.3	0.05	4	0.7	<0.2
1117699	Soil	13	18	0.46	407	0.051	<1	1.23	0.007	0.21	0.1	0.07	3.2	0.1	<0.05	5	<0.5	<0.2
REP 1117699	QC	13	18	0.45	398	0.050	<1	1.21	0.009	0.21	<0.1	0.08	3.2	0.1	<0.05	5	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	14	123	0.60	264	0.132	3	0.89	0.086	0.40	2.9	0.20	2.1	5.4	0.16	4	4.6	5.0
STD DS8	Standard	15	115	0.60	271	0.116	3	0.95	0.095	0.42	3.0	0.20	2.2	5.5	0.13	5	5.2	5.1
STD DS8	Standard	15	112	0.56	267	0.115	3	0.89	0.103	0.39	2.9	0.19	2.0	5.5	0.09	4	4.5	4.9
STD DS8	Standard	15	133	0.64	309	0.124	2	0.99	0.103	0.47	3.4	0.21	2.2	6.0	0.16	5	6.0	5.3
STD DS8	Standard	15	112	0.61	274	0.115	1	0.89	0.087	0.41	3.1	0.17	2.2	5.3	0.19	4	5.0	5.5
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Vancouver BC V6C 1H2 Canada

Project: CHA
Report Date: August 10, 2011

QUALITY CONTROL REPORT DAW11000082.1

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

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

Project: CHA
Report Date: August 10, 2011

QUALITY CONTROL REPORT DAW11000082.1

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

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

www.acmelab.com

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

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: July 29, 2011
Report Date: August 17, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS DAW11000098.1

CLIENT JOB INFORMATION

Project: CHA
Shipment ID: CHA2011-18
P.O. Number
Number of Samples: 325

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	325	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	325	Dry at 60C			WHI
1DX2	325	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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

Project: CHA
Report Date: August 17, 2011

CERTIFICATE OF ANALYSIS DAW11000098.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1119652	Soil		1.5	20.9	10.9	63	0.1	14.9	11.3	660	2.19	4.9	1.0	6.0	2.2	54	0.4	0.3	1.0	53	0.44	0.076
1118886	Soil		1.0	15.3	7.4	59	<0.1	10.1	8.6	327	3.08	5.7	0.2	1.4	1.8	11	<0.1	0.3	0.1	59	0.10	0.039
1118890	Soil		0.1	30.9	2.4	81	<0.1	10.9	17.6	487	3.83	1.4	0.4	<0.5	4.9	25	<0.1	0.2	<0.1	65	0.27	0.033
1118878	Soil		0.9	10.5	9.6	87	<0.1	11.4	11.3	1074	3.12	4.6	0.2	<0.5	1.6	14	0.2	0.4	0.2	64	0.12	0.030
1118884	Soil		0.1	61.1	3.3	103	<0.1	9.1	14.7	438	3.86	1.5	0.2	<0.5	4.2	25	<0.1	0.1	<0.1	50	0.29	0.044
1118876	Soil		1.0	11.6	9.7	59	0.1	10.5	11.2	2375	2.48	4.7	0.3	0.7	2.2	12	0.1	0.4	0.2	62	0.09	0.028
1118879	Soil		0.8	25.3	8.7	46	<0.1	18.8	7.7	207	2.63	10.0	0.6	2.8	4.9	11	<0.1	0.7	0.1	58	0.07	0.011
1118875	Soil		0.6	16.0	6.7	64	<0.1	14.4	12.0	459	3.09	4.3	0.3	<0.5	2.9	14	<0.1	0.3	<0.1	62	0.17	0.023
1118877	Soil		0.5	17.5	5.4	77	<0.1	12.2	11.1	392	3.34	4.0	0.3	0.9	4.2	12	<0.1	0.3	<0.1	57	0.11	0.024
1118898	Soil		0.6	34.4	6.9	56	<0.1	22.0	16.8	341	3.37	4.3	0.4	2.0	4.0	25	<0.1	0.4	<0.1	76	0.27	0.015
1118895	Soil		0.6	35.1	4.2	88	<0.1	15.3	14.9	464	3.74	2.4	0.2	<0.5	1.9	18	<0.1	0.2	<0.1	85	0.13	0.019
1118891	Soil		0.4	65.3	4.4	95	<0.1	14.3	18.1	639	3.74	3.3	0.2	<0.5	1.8	22	<0.1	0.2	<0.1	76	0.26	0.099
1118893	Soil		0.5	25.0	5.8	39	<0.1	14.1	8.9	190	2.16	3.8	0.3	<0.5	1.6	16	<0.1	0.3	<0.1	57	0.16	0.013
1118896	Soil		0.7	20.0	6.0	72	<0.1	12.6	14.3	579	3.09	2.9	0.2	<0.5	1.4	18	<0.1	0.3	<0.1	75	0.18	0.037
1118894	Soil		0.5	37.8	3.8	89	<0.1	15.6	14.5	466	3.60	2.0	0.2	<0.5	1.9	19	<0.1	0.2	<0.1	89	0.12	0.016
1118892	Soil		0.5	32.5	5.9	48	<0.1	17.3	10.2	249	2.49	4.3	0.3	1.2	2.1	16	<0.1	0.4	<0.1	59	0.18	0.026
1119691	Soil		0.8	25.7	8.2	65	<0.1	22.9	13.0	397	3.21	6.3	0.4	<0.5	3.5	15	<0.1	0.4	0.1	72	0.18	0.028
1119695	Soil		0.7	22.7	8.5	65	<0.1	19.3	13.7	487	3.36	4.1	0.5	42.5	4.4	15	0.1	0.4	0.2	76	0.19	0.030
1118207	Soil		1.2	14.0	10.4	53	<0.1	16.0	7.9	302	2.87	8.2	0.4	<0.5	3.4	11	<0.1	0.5	0.2	59	0.09	0.029
1118206	Soil		1.0	18.5	9.5	53	0.1	20.4	10.0	234	2.90	8.2	0.4	2.6	2.8	10	0.4	0.6	0.1	56	0.09	0.025
1118203	Soil		0.9	61.3	9.0	61	0.2	12.9	10.3	342	3.05	2.5	0.3	2.4	1.7	11	0.2	0.4	0.2	69	0.12	0.012
1118204	Soil		0.5	25.1	11.2	56	<0.1	8.6	8.9	320	2.27	1.4	0.3	<0.5	3.2	6	<0.1	0.4	0.1	34	0.05	0.011
1118213	Soil		0.7	33.4	9.9	58	<0.1	16.9	9.5	456	2.90	6.8	1.0	2.7	5.4	20	<0.1	0.7	0.3	50	0.24	0.028
1118205	Soil		0.5	341.2	23.6	76	0.2	10.5	13.7	714	3.30	<0.5	0.4	4.3	5.5	15	0.1	0.3	1.2	43	0.22	0.030
1118211	Soil		0.6	27.6	8.9	63	<0.1	13.4	10.1	440	2.89	4.2	0.7	9.7	4.4	11	0.1	0.5	0.3	47	0.13	0.018
1118209	Soil		0.6	21.2	8.5	62	<0.1	8.9	8.3	447	2.86	3.2	0.8	0.6	3.6	8	<0.1	0.3	0.2	41	0.08	0.028
1118212	Soil		0.7	42.3	8.8	65	<0.1	14.7	9.7	439	2.80	3.9	0.8	1.7	4.7	17	0.1	0.6	0.3	47	0.22	0.024
1118214	Soil		0.7	14.1	10.5	48	<0.1	11.6	6.9	256	2.55	4.6	0.7	1.1	4.6	14	<0.1	0.5	0.1	42	0.18	0.023
1118210	Soil		0.7	24.7	8.2	54	<0.1	19.8	8.8	325	2.42	6.0	0.6	0.8	4.2	16	<0.1	0.4	0.2	46	0.21	0.032
1118208	Soil		0.8	16.1	8.6	59	<0.1	15.5	9.1	428	2.59	5.2	0.6	1.7	4.1	10	0.1	0.6	0.2	44	0.11	0.023

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

Project: CHA
Report Date: August 17, 2011

CERTIFICATE OF ANALYSIS DAW11000098.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1119652	Soil		11	19	0.50	199	0.076	2	1.32	0.014	0.10	0.2	0.07	2.6	<0.1	0.05	4	<0.5	0.6
1118886	Soil		5	21	0.59	216	0.143	1	1.79	0.009	0.22	0.2	<0.01	1.4	0.1	<0.05	6	<0.5	<0.2
1118890	Soil		14	37	1.30	372	0.186	<1	2.30	0.012	0.37	<0.1	<0.01	3.6	0.1	<0.05	6	0.7	<0.2
1118878	Soil		5	22	0.50	193	0.067	1	1.68	0.007	0.03	0.1	0.02	1.3	<0.1	<0.05	7	<0.5	<0.2
1118884	Soil		4	30	1.11	317	0.154	<1	2.10	0.009	0.40	<0.1	<0.01	1.6	0.1	<0.05	6	<0.5	<0.2
1118876	Soil		6	22	0.31	319	0.059	<1	1.39	0.006	0.04	0.1	0.01	1.7	0.1	<0.05	6	<0.5	<0.2
1118879	Soil		14	31	0.46	149	0.084	<1	1.67	0.009	0.05	0.1	<0.01	3.6	<0.1	<0.05	5	<0.5	<0.2
1118875	Soil		7	30	0.92	185	0.147	1	2.01	0.007	0.17	0.1	<0.01	2.0	<0.1	<0.05	5	<0.5	<0.2
1118877	Soil		6	25	0.88	168	0.192	<1	2.02	0.005	0.25	<0.1	<0.01	1.5	0.1	<0.05	6	<0.5	<0.2
1118898	Soil		15	43	1.10	328	0.138	<1	2.25	0.012	0.09	<0.1	<0.01	3.3	<0.1	<0.05	6	<0.5	<0.2
1118895	Soil		3	52	1.55	145	0.231	<1	2.57	0.006	0.15	<0.1	<0.01	1.8	<0.1	<0.05	7	<0.5	<0.2
1118891	Soil		4	44	1.63	262	0.194	<1	2.62	0.012	0.45	0.1	<0.01	1.8	0.1	<0.05	7	<0.5	<0.2
1118893	Soil		5	49	0.69	200	0.099	<1	1.48	0.009	0.04	0.1	<0.01	2.0	<0.1	<0.05	4	<0.5	<0.2
1118896	Soil		3	45	1.30	234	0.211	<1	2.14	0.008	0.26	0.1	<0.01	1.6	0.1	<0.05	6	<0.5	<0.2
1118894	Soil		3	53	1.58	167	0.238	<1	2.68	0.006	0.22	<0.1	<0.01	2.0	0.1	<0.05	7	<0.5	<0.2
1118892	Soil		7	45	0.79	146	0.107	1	1.46	0.022	0.07	0.2	<0.01	2.1	<0.1	<0.05	4	<0.5	<0.2
1119691	Soil		10	38	0.88	316	0.114	<1	2.04	0.010	0.16	0.1	<0.01	3.4	0.1	<0.05	6	<0.5	<0.2
1119695	Soil		12	33	0.89	255	0.098	<1	1.90	0.008	0.16	0.1	<0.01	4.6	0.1	<0.05	7	<0.5	<0.2
1118207	Soil		8	26	0.41	165	0.056	<1	1.91	0.006	0.08	0.2	0.02	2.4	<0.1	<0.05	6	<0.5	<0.2
1118206	Soil		7	28	0.46	191	0.067	<1	2.12	0.006	0.08	0.2	0.02	2.6	<0.1	<0.05	5	<0.5	<0.2
1118203	Soil		6	34	0.88	464	0.057	<1	1.95	0.005	0.12	0.2	<0.01	3.3	<0.1	<0.05	6	<0.5	<0.2
1118204	Soil		10	21	0.70	299	0.013	<1	1.71	0.004	0.15	<0.1	<0.01	2.7	<0.1	<0.05	5	<0.5	<0.2
1118213	Soil		19	29	0.48	695	0.049	1	1.69	0.010	0.08	0.1	0.03	5.6	<0.1	<0.05	5	0.5	<0.2
1118205	Soil		18	32	1.11	983	0.020	<1	1.96	0.004	0.18	<0.1	0.01	7.3	<0.1	<0.05	5	<0.5	<0.2
1118211	Soil		10	23	0.55	234	0.054	<1	1.59	0.006	0.14	0.2	0.01	2.9	0.1	<0.05	5	<0.5	<0.2
1118209	Soil		14	18	0.47	168	0.035	<1	1.73	0.005	0.19	0.1	0.01	2.8	0.1	<0.05	6	<0.5	<0.2
1118212	Soil		17	24	0.53	406	0.072	<1	1.40	0.010	0.12	0.2	0.02	3.7	<0.1	<0.05	5	<0.5	<0.2
1118214	Soil		16	21	0.37	403	0.042	<1	1.35	0.007	0.09	0.1	0.02	3.1	<0.1	<0.05	4	<0.5	<0.2
1118210	Soil		11	26	0.50	271	0.057	1	1.63	0.009	0.08	0.2	0.01	3.2	0.1	<0.05	5	<0.5	<0.2
1118208	Soil		11	22	0.46	222	0.049	<1	1.40	0.007	0.12	0.1	0.01	2.7	<0.1	<0.05	4	<0.5	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1118885	Soil		0.4	22.4	2.7	95	<0.1	12.3	18.5	580	4.11	0.6	0.2	<0.5	3.0	11	<0.1	0.1	<0.1	70	0.13	0.021
1118897	Soil		0.8	28.1	8.0	57	<0.1	20.2	14.0	314	3.24	7.2	0.3	5.8	2.3	18	<0.1	0.5	<0.1	78	0.16	0.011
1118221	Soil		0.3	44.8	2.9	47	<0.1	8.5	33.6	445	4.68	3.3	0.6	1.4	1.2	83	<0.1	0.2	<0.1	118	2.36	0.943
1118216	Soil		0.7	11.4	10.4	46	<0.1	12.0	7.1	243	2.63	6.7	0.7	<0.5	5.2	11	<0.1	0.6	0.2	50	0.11	0.020
1118219	Soil		0.3	90.5	2.5	42	<0.1	1.4	38.3	418	6.05	2.7	0.6	<0.5	0.6	129	<0.1	0.3	<0.1	203	2.80	1.041
1119692	Soil		1.2	24.4	12.1	61	<0.1	16.2	11.6	415	4.78	6.8	0.6	4.1	4.2	10	0.3	0.4	0.3	113	0.13	0.058
1118215	Soil		0.8	19.4	11.2	56	<0.1	22.6	11.1	265	2.99	11.9	0.7	2.6	5.6	13	0.1	0.6	0.2	59	0.13	0.022
1118220	Soil		0.6	87.2	5.4	61	<0.1	13.3	46.9	438	5.95	10.1	0.4	0.9	0.8	112	<0.1	0.4	0.1	194	2.25	0.860
1118224	Soil		0.3	135.3	3.8	56	0.2	10.4	56.9	574	7.74	4.2	0.5	1.6	0.5	295	0.1	0.2	<0.1	171	4.22	1.643
1118201	Soil		1.0	39.8	10.2	60	<0.1	26.4	11.9	338	3.19	9.7	0.8	4.0	3.9	25	<0.1	0.6	0.2	73	0.28	0.027
1119700	Soil		0.9	24.1	12.2	50	<0.1	12.5	7.6	298	2.66	6.0	0.6	3.2	2.4	17	0.1	0.7	0.2	41	0.24	0.048
1119693	Soil		1.0	31.8	11.1	73	<0.1	21.5	13.9	524	3.63	9.1	0.7	3.9	4.3	16	0.2	0.4	0.3	82	0.19	0.037
1118202	Soil		0.3	28.3	4.4	103	<0.1	20.2	19.0	727	4.19	3.7	0.2	2.1	1.4	24	<0.1	0.2	0.1	92	0.34	0.060
1119694	Soil		0.8	33.4	8.6	69	0.1	24.6	13.9	507	3.52	7.1	0.9	4.3	5.0	22	0.1	0.4	0.2	77	0.31	0.041
1119699	Soil		1.5	97.3	12.9	81	<0.1	19.6	13.0	492	3.44	8.4	0.5	3.3	3.3	19	0.1	0.5	0.4	74	0.24	0.037
1119696	Soil		1.1	46.4	9.4	74	<0.1	19.4	13.8	504	3.75	6.8	0.6	1.8	4.0	17	0.1	0.4	0.3	79	0.22	0.037
1119697	Soil		1.7	41.5	10.2	73	<0.1	21.8	13.2	529	3.64	9.7	0.5	0.9	3.9	17	0.2	0.4	0.2	81	0.21	0.038
1119698	Soil		0.8	56.1	17.4	95	<0.1	20.3	12.8	457	3.35	6.1	0.7	2.6	4.0	24	0.2	0.4	0.3	68	0.28	0.040
1118259	Soil		1.2	23.1	10.9	66	<0.1	19.5	9.6	416	3.23	7.8	0.4	1.8	2.5	17	0.1	0.6	0.2	70	0.21	0.042
1118261	Soil		1.1	32.5	8.0	68	<0.1	26.1	15.0	528	3.83	9.3	0.3	2.0	2.8	18	<0.1	0.6	0.1	85	0.20	0.025
1118254	Soil		1.1	33.4	11.1	64	<0.1	24.7	11.7	405	3.18	9.5	0.9	2.1	4.6	23	0.1	0.7	0.2	68	0.32	0.027
1118252	Soil		1.1	22.5	12.0	60	<0.1	19.3	10.9	358	3.40	7.8	0.6	3.0	4.2	22	<0.1	0.9	0.1	68	0.25	0.026
1118280	Soil		0.8	25.1	6.6	64	<0.1	32.3	13.8	273	3.02	7.7	0.3	1.4	1.7	14	0.1	0.5	0.1	67	0.17	0.021
1118281	Soil		1.0	65.6	8.5	66	<0.1	31.0	14.5	337	2.95	8.4	0.6	2.9	3.6	26	<0.1	0.5	0.1	69	0.34	0.034
1118276	Soil		0.7	25.9	10.8	65	0.1	19.4	10.6	394	2.73	5.8	0.9	1.3	4.4	32	0.1	0.7	0.1	56	0.43	0.042
1118282	Soil		0.7	47.7	6.9	82	<0.1	27.2	23.3	481	4.53	3.2	0.2	<0.5	1.1	27	<0.1	0.7	<0.1	102	0.35	0.024
1118279	Soil		0.8	23.0	8.7	55	<0.1	22.8	10.1	252	2.95	7.1	0.7	14.2	5.9	20	<0.1	0.5	0.1	68	0.27	0.026
1118275	Soil		0.5	29.2	11.0	74	0.1	18.0	11.1	288	3.19	7.1	1.0	1.9	5.1	25	<0.1	0.7	0.2	58	0.33	0.042
1118277	Soil		0.8	20.4	9.7	61	<0.1	18.0	9.0	245	2.83	6.7	0.9	4.4	4.1	26	0.1	0.5	0.1	56	0.32	0.037
1118278	Soil		0.8	29.3	10.0	86	<0.1	27.4	17.0	501	4.97	5.1	0.8	<0.5	7.1	22	<0.1	1.1	0.2	110	0.32	0.030

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

Project: CHA
Report Date: August 17, 2011

CERTIFICATE OF ANALYSIS DAW11000098.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1118885	Soil		4	35	1.50	356	0.328	<1	2.93	0.008	0.95	<0.1	<0.01	1.2	0.3	<0.05	7	<0.5	<0.2
1118897	Soil		4	44	1.06	189	0.166	<1	2.32	0.009	0.08	0.1	<0.01	2.4	<0.1	<0.05	6	<0.5	<0.2
1118221	Soil		3	16	1.22	278	0.057	<1	1.66	0.045	0.23	<0.1	<0.01	5.2	0.1	<0.05	5	0.6	<0.2
1118216	Soil		13	22	0.38	441	0.046	1	1.72	0.006	0.11	0.2	0.02	2.8	0.1	<0.05	5	<0.5	<0.2
1118219	Soil		3	2	1.43	395	0.063	<1	2.08	0.065	0.24	<0.1	<0.01	9.2	0.2	<0.05	7	<0.5	<0.2
1119692	Soil		18	32	0.74	233	0.078	<1	1.99	0.008	0.16	0.1	0.02	4.9	<0.1	0.10	10	<0.5	<0.2
1118215	Soil		12	35	0.59	346	0.055	2	2.49	0.009	0.08	0.2	0.05	3.7	0.1	<0.05	6	0.6	<0.2
1118220	Soil		3	21	1.57	434	0.073	3	2.70	0.084	0.13	<0.1	0.01	8.1	0.1	<0.05	9	0.5	<0.2
1118224	Soil		4	12	1.58	618	0.044	2	1.95	0.116	0.36	<0.1	0.02	9.8	0.2	0.06	7	1.0	0.2
1118201	Soil		16	46	0.69	485	0.082	2	2.42	0.011	0.06	0.1	0.03	6.0	<0.1	<0.05	6	0.6	<0.2
1119700	Soil		12	20	0.32	514	0.014	1	1.21	0.006	0.08	0.1	0.02	3.1	<0.1	<0.05	4	0.5	<0.2
1119693	Soil		16	38	0.83	352	0.100	1	2.11	0.010	0.16	0.1	0.03	5.0	0.1	<0.05	8	<0.5	<0.2
1118202	Soil		4	57	2.21	1060	0.258	1	2.85	0.018	1.28	<0.1	<0.01	2.8	0.5	<0.05	7	<0.5	<0.2
1119694	Soil		17	35	1.01	505	0.098	1	2.08	0.014	0.16	0.1	0.03	6.1	0.1	<0.05	7	0.5	<0.2
1119699	Soil		11	41	0.90	351	0.103	1	2.31	0.009	0.18	0.2	0.02	4.3	0.1	<0.05	7	0.6	<0.2
1119696	Soil		13	40	1.10	392	0.121	1	2.23	0.009	0.23	0.1	0.02	5.1	0.1	<0.05	8	0.6	<0.2
1119697	Soil		11	41	0.86	340	0.114	2	2.27	0.009	0.20	0.2	0.02	3.9	0.1	0.06	8	<0.5	<0.2
1119698	Soil		16	41	1.04	518	0.123	2	1.89	0.011	0.24	0.2	0.02	4.8	0.2	<0.05	6	<0.5	<0.2
1118259	Soil		9	38	0.73	222	0.069	1	1.92	0.008	0.09	0.1	0.02	3.6	<0.1	<0.05	7	<0.5	<0.2
1118261	Soil		7	51	1.05	292	0.150	2	2.78	0.009	0.06	0.1	0.01	2.9	<0.1	<0.05	7	<0.5	<0.2
1118254	Soil		16	40	0.69	331	0.084	1	1.99	0.012	0.06	0.2	0.04	5.6	<0.1	<0.05	6	0.6	<0.2
1118252	Soil		12	33	0.65	451	0.044	1	2.20	0.009	0.07	0.2	0.01	4.6	0.1	<0.05	7	<0.5	<0.2
1118280	Soil		6	93	1.17	135	0.100	2	2.14	0.009	0.08	0.1	0.01	2.6	0.1	<0.05	6	<0.5	<0.2
1118281	Soil		12	52	0.94	337	0.114	1	1.99	0.018	0.08	0.1	0.02	4.2	0.1	<0.05	6	0.7	<0.2
1118276	Soil		15	27	0.66	417	0.091	<1	1.88	0.012	0.11	0.2	0.04	4.4	0.1	<0.05	6	0.7	<0.2
1118282	Soil		4	109	1.86	446	0.211	<1	2.87	0.012	0.21	<0.1	<0.01	4.7	0.2	<0.05	7	<0.5	<0.2
1118279	Soil		18	34	0.74	349	0.071	1	1.98	0.010	0.07	0.1	0.03	5.1	<0.1	<0.05	6	0.5	<0.2
1118275	Soil		16	29	0.65	379	0.089	1	2.21	0.013	0.13	0.1	0.06	4.5	0.1	<0.05	7	0.7	<0.2
1118277	Soil		14	31	0.60	302	0.076	1	1.83	0.011	0.07	0.1	0.03	3.6	<0.1	<0.05	6	<0.5	<0.2
1118278	Soil		16	58	1.45	368	0.129	1	2.88	0.009	0.29	0.1	0.01	6.8	0.2	<0.05	11	<0.5	<0.2

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Project: CHA
Report Date: August 17, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1118217	Soil		1.6	16.6	12.3	55	<0.1	17.3	8.7	260	3.18	10.3	0.9	1.5	6.2	12	<0.1	0.6	0.2	60	0.11	0.015
1118223	Soil		0.3	129.3	3.9	58	0.2	10.7	58.8	645	8.08	3.8	0.5	1.7	0.6	289	0.1	0.2	<0.1	177	4.05	1.581
1118222	Soil		0.5	51.2	3.6	53	<0.1	11.1	37.3	504	5.71	4.8	0.6	2.3	1.4	86	0.1	0.3	<0.1	136	2.68	1.020
1118218	Soil		0.4	103.4	4.2	49	<0.1	2.9	47.3	487	7.60	3.8	0.6	0.9	0.6	133	<0.1	0.3	<0.1	222	2.89	1.050
1118266	Soil		0.7	45.0	9.0	67	<0.1	20.5	11.0	318	2.88	8.2	0.5	1.8	2.7	22	0.1	0.5	0.2	64	0.30	0.060
1118268	Soil		1.0	22.9	9.9	58	<0.1	21.3	10.5	315	3.10	9.9	0.7	3.7	5.0	17	<0.1	0.5	0.2	63	0.20	0.036
1118272	Soil		0.8	23.8	10.8	79	<0.1	16.9	12.0	452	3.65	5.7	0.5	0.6	3.6	23	0.1	1.0	0.1	75	0.32	0.028
1118269	Soil		0.7	33.7	6.6	73	<0.1	21.1	13.9	464	3.73	5.4	0.5	2.9	3.6	24	<0.1	0.4	0.1	76	0.34	0.038
1118264	Soil		0.6	83.8	5.5	97	<0.1	21.2	22.7	871	6.26	5.2	0.4	<0.5	4.3	26	<0.1	0.8	<0.1	133	0.25	0.029
1118267	Soil		1.0	38.1	11.5	96	<0.1	27.2	21.4	761	5.12	7.9	0.5	<0.5	4.6	17	0.1	0.6	0.1	99	0.26	0.050
1118271	Soil		0.7	29.5	7.4	74	<0.1	20.6	13.7	459	3.71	6.2	0.6	5.1	3.6	22	<0.1	0.4	0.1	72	0.38	0.035
1118273	Soil		0.6	27.4	8.9	78	<0.1	16.0	12.7	467	3.55	4.5	0.7	1.5	5.6	24	<0.1	0.9	0.1	63	0.37	0.047
1118262	Soil		0.6	56.1	4.6	76	<0.1	26.5	17.0	498	3.78	12.1	0.4	2.0	4.9	19	<0.1	0.3	<0.1	83	0.28	0.033
1118253	Soil		0.8	20.9	7.9	48	<0.1	19.4	8.9	276	2.55	9.1	0.6	2.5	3.1	17	<0.1	0.4	0.2	61	0.21	0.030
1118251	Soil		0.7	11.1	11.9	58	<0.1	5.5	8.8	373	3.25	3.5	1.3	2.0	8.3	11	<0.1	0.8	0.1	40	0.13	0.022
1118256	Soil		0.9	30.6	8.6	59	<0.1	21.2	10.6	355	2.99	9.7	0.6	0.9	3.4	17	<0.1	0.6	0.1	68	0.21	0.024
1118258	Soil		0.8	31.8	6.5	68	<0.1	23.9	12.9	407	3.29	7.3	0.3	<0.5	2.7	32	0.1	0.7	0.1	71	0.31	0.030
1118260	Soil		0.9	20.4	6.5	76	<0.1	22.5	15.1	789	3.63	5.3	0.2	<0.5	2.4	13	0.1	0.4	<0.1	79	0.25	0.027
1118257	Soil		0.8	20.5	8.6	48	<0.1	20.7	9.8	338	2.87	8.5	0.5	2.2	3.4	21	<0.1	0.5	0.1	63	0.22	0.015
1118255	Soil		0.8	25.8	8.0	60	<0.1	20.6	9.4	310	2.64	8.4	0.7	1.9	3.3	18	<0.1	0.5	0.1	62	0.21	0.032
1118061	Soil		0.8	22.1	14.4	99	<0.1	20.7	9.5	382	2.99	5.4	1.0	0.6	10.0	15	0.1	0.3	0.2	44	0.27	0.054
1118062	Soil		0.8	19.4	11.9	61	0.2	15.1	6.1	201	2.76	7.7	1.6	0.9	7.1	14	0.1	0.3	0.2	50	0.18	0.045
1118069	Soil		1.0	40.2	7.8	70	0.1	17.9	10.6	300	2.90	5.4	0.7	1.1	2.6	21	0.1	0.4	0.2	64	0.32	0.038
1118066	Soil		0.6	23.1	8.2	60	0.1	16.4	9.0	255	2.42	4.6	0.6	1.7	1.8	17	0.1	0.5	0.2	59	0.22	0.033
1118059	Soil		0.6	14.9	8.1	84	<0.1	14.4	11.3	453	2.85	6.0	0.6	0.7	4.8	16	0.1	0.3	0.1	62	0.28	0.049
1118072	Soil		0.5	36.7	8.2	69	0.1	16.4	9.0	209	2.39	4.7	0.6	2.0	1.8	23	0.2	0.4	0.1	62	0.33	0.044
1118070	Soil		1.2	28.6	8.6	72	0.2	17.5	12.4	407	2.67	6.2	0.7	1.6	2.2	26	0.1	0.4	0.2	64	0.38	0.040
1118068	Soil		0.9	22.6	8.1	71	0.1	16.1	11.5	368	2.82	6.8	0.6	2.1	2.6	18	0.1	0.4	0.2	69	0.24	0.038
1118060	Soil		0.6	18.0	14.2	77	<0.1	16.5	11.3	347	2.78	6.9	0.9	1.5	8.9	15	<0.1	0.4	0.2	44	0.24	0.040
1118073	Soil		0.8	53.0	9.9	76	0.2	17.1	12.9	404	3.01	3.7	0.7	2.5	3.2	20	0.2	0.4	0.2	76	0.29	0.037

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1118217	Soil		13	31	0.43	333	0.037	<1	2.34	0.007	0.07	0.2	0.02	3.5	0.1	<0.05	6	<0.5	<0.2
1118223	Soil		4	12	1.67	619	0.046	<1	2.04	0.130	0.39	<0.1	0.02	10.0	0.2	<0.05	7	1.3	<0.2
1118222	Soil		4	19	1.44	304	0.052	<1	2.06	0.078	0.27	<0.1	<0.01	6.6	0.2	<0.05	7	0.7	<0.2
1118218	Soil		4	4	1.70	398	0.063	<1	2.42	0.113	0.28	<0.1	<0.01	10.5	0.2	<0.05	8	0.8	<0.2
1118266	Soil		12	36	0.72	235	0.068	1	1.78	0.011	0.06	0.1	0.03	3.9	<0.1	<0.05	6	<0.5	<0.2
1118268	Soil		13	32	0.56	413	0.071	1	2.16	0.010	0.09	0.1	0.04	4.1	0.1	<0.05	6	<0.5	<0.2
1118272	Soil		11	31	0.91	395	0.137	<1	2.33	0.011	0.21	0.2	0.02	4.1	0.1	<0.05	7	<0.5	<0.2
1118269	Soil		10	48	1.06	331	0.159	<1	2.16	0.013	0.16	0.1	0.01	4.2	0.1	<0.05	7	<0.5	<0.2
1118264	Soil		5	74	2.08	272	0.298	<1	3.48	0.015	0.29	<0.1	<0.01	6.6	0.1	<0.05	11	0.6	<0.2
1118267	Soil		10	47	1.21	388	0.110	2	3.02	0.012	0.21	0.2	0.01	6.3	0.2	<0.05	8	1.0	<0.2
1118271	Soil		10	38	1.05	327	0.140	2	2.19	0.014	0.17	0.1	0.03	4.2	<0.1	<0.05	6	<0.5	<0.2
1118273	Soil		18	26	0.84	436	0.109	<1	2.09	0.011	0.26	0.2	0.03	4.8	0.1	<0.05	6	0.5	<0.2
1118262	Soil		15	66	1.45	320	0.254	2	2.63	0.012	0.28	0.2	<0.01	2.4	0.2	<0.05	7	<0.5	<0.2
1118253	Soil		12	31	0.50	235	0.061	2	1.70	0.009	0.05	0.2	0.02	3.3	<0.1	<0.05	5	<0.5	<0.2
1118251	Soil		19	12	0.21	492	0.004	1	1.18	0.007	0.10	<0.1	<0.01	5.8	<0.1	<0.05	3	<0.5	<0.2
1118256	Soil		10	38	0.61	243	0.085	1	1.96	0.010	0.06	0.1	0.02	3.3	<0.1	<0.05	6	<0.5	<0.2
1118258	Soil		8	49	1.01	207	0.104	2	2.13	0.009	0.06	0.1	0.01	3.8	<0.1	<0.05	6	<0.5	<0.2
1118260	Soil		5	60	1.03	385	0.093	2	2.50	0.014	0.15	<0.1	<0.01	3.5	<0.1	<0.05	7	<0.5	<0.2
1118257	Soil		13	41	0.64	255	0.083	<1	1.91	0.010	0.05	0.1	0.01	3.3	<0.1	<0.05	6	<0.5	<0.2
1118255	Soil		11	34	0.59	215	0.077	1	1.72	0.009	0.06	0.1	0.01	3.1	<0.1	<0.05	5	<0.5	<0.2
1118061	Soil		37	35	0.78	399	0.119	<1	1.69	0.007	0.42	<0.1	<0.01	2.9	0.3	<0.05	6	<0.5	<0.2
1118062	Soil		31	26	0.52	321	0.070	<1	1.63	0.009	0.23	0.1	0.04	3.1	0.2	<0.05	6	<0.5	<0.2
1118069	Soil		10	37	0.88	445	0.092	<1	1.84	0.011	0.19	0.2	0.02	4.3	0.1	<0.05	5	<0.5	<0.2
1118066	Soil		9	32	0.57	368	0.058	2	1.73	0.009	0.10	0.2	0.03	4.3	<0.1	<0.05	5	<0.5	<0.2
1118059	Soil		15	34	0.92	438	0.121	<1	1.61	0.010	0.37	0.1	0.01	3.5	0.2	<0.05	5	<0.5	<0.2
1118072	Soil		8	34	0.78	305	0.095	2	1.75	0.011	0.12	0.2	0.04	4.0	0.1	<0.05	5	<0.5	<0.2
1118070	Soil		9	33	0.65	456	0.064	1	1.84	0.010	0.08	0.2	0.03	3.9	<0.1	<0.05	5	<0.5	<0.2
1118068	Soil		10	37	0.76	333	0.093	<1	1.79	0.010	0.11	0.2	0.02	3.7	<0.1	<0.05	5	<0.5	<0.2
1118060	Soil		25	31	0.64	225	0.114	1	1.63	0.008	0.28	0.1	0.02	2.7	0.3	<0.05	5	<0.5	<0.2
1118073	Soil		10	39	1.09	455	0.113	1	1.93	0.010	0.23	0.2	0.03	5.1	0.2	<0.05	6	<0.5	<0.2

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

Project: CHA
Report Date: August 17, 2011

CERTIFICATE OF ANALYSIS DAW11000098.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1118071	Soil	1.2	166.6	8.5	79	0.3	20.2	12.8	339	2.98	5.2	1.0	6.2	2.9	24	0.2	0.5	0.2	76	0.44	0.038
1118065	Soil	0.7	24.6	7.7	55	0.2	13.4	7.9	185	2.25	3.9	0.5	4.8	1.3	19	<0.1	0.4	0.2	55	0.26	0.046
1118067	Soil	1.1	17.1	7.4	60	<0.1	14.2	10.5	401	2.65	6.4	0.4	0.9	2.2	15	<0.1	0.7	0.2	61	0.23	0.048
1118064	Soil	0.6	27.6	7.0	54	0.1	12.7	7.9	186	2.34	3.5	0.4	9.1	1.9	16	<0.1	0.5	0.1	60	0.21	0.035
1118063	Soil	0.8	36.0	8.2	68	0.1	17.1	10.2	223	2.67	6.1	0.6	4.0	2.4	18	0.2	0.5	0.2	65	0.27	0.044
1118074	Soil	0.8	22.6	10.3	67	0.1	15.4	10.6	227	2.44	5.0	1.0	1.8	2.8	27	0.1	0.4	0.2	64	0.35	0.036
1118075	Soil	0.8	33.8	7.0	78	<0.1	17.1	15.1	469	3.25	3.9	0.6	1.8	2.4	18	0.2	0.5	0.1	80	0.29	0.038
1118077	Soil	1.0	21.4	8.9	68	0.1	15.2	13.4	465	2.95	5.4	0.6	3.0	2.0	14	0.2	0.3	0.2	70	0.18	0.035
1118076	Soil	0.6	31.3	9.1	81	0.2	18.4	12.3	315	3.01	5.1	0.8	1.2	2.4	19	0.2	0.4	0.3	75	0.29	0.036
1118056	Soil	0.6	18.2	10.5	81	0.1	17.7	11.2	309	3.02	5.7	1.0	0.6	4.6	18	0.2	0.4	0.2	70	0.26	0.041
1118080	Soil	0.7	32.4	8.7	66	0.3	15.0	11.2	326	2.33	3.2	0.9	3.5	1.9	16	0.2	0.3	0.2	61	0.20	0.042
1118082	Soil	0.9	29.7	7.6	66	<0.1	15.4	9.9	322	2.66	4.5	0.6	8.7	2.5	14	0.2	0.4	0.2	62	0.22	0.052
1118057	Soil	0.5	14.5	11.3	70	0.1	14.5	8.0	208	2.41	3.7	0.8	1.1	3.7	16	0.1	0.3	0.2	57	0.24	0.041
1118055	Soil	0.5	19.0	11.5	73	0.1	15.9	10.8	304	2.97	5.6	0.8	2.6	5.5	14	<0.1	0.4	0.3	67	0.23	0.033
1118079	Soil	0.6	22.9	6.4	62	0.1	11.8	11.0	296	2.67	3.8	0.5	1.4	1.9	18	0.1	0.4	0.1	61	0.26	0.047
1118078	Soil	0.7	28.0	5.6	64	<0.1	15.1	17.0	642	2.92	3.8	0.4	2.1	2.2	16	<0.1	0.4	0.1	69	0.26	0.040
1118058	Soil	0.8	22.6	14.5	75	0.1	17.5	10.3	305	2.98	9.3	1.0	0.8	5.7	20	<0.1	0.5	0.2	55	0.27	0.040
1118053	Soil	0.4	17.1	10.4	75	<0.1	16.5	13.1	339	2.86	4.4	0.8	<0.5	3.4	22	0.2	0.6	0.1	68	0.41	0.037
1118083	Soil	0.9	40.3	8.3	78	0.1	19.8	14.0	485	3.31	5.6	0.6	1.3	2.5	14	0.1	0.4	0.2	78	0.20	0.043
1118051	Soil	0.6	24.0	14.6	101	0.1	18.8	18.6	1148	3.68	7.9	1.1	<0.5	3.2	29	0.2	0.6	0.2	72	0.55	0.057
1118052	Soil	0.4	21.4	13.8	88	<0.1	20.1	15.9	394	3.48	6.5	0.7	1.7	5.1	19	0.2	0.6	0.2	71	0.36	0.038
1118054	Soil	0.3	22.2	13.7	93	<0.1	19.2	13.6	406	3.09	4.3	0.9	1.0	5.7	19	0.2	0.5	0.2	72	0.33	0.044
1119661	Soil	1.0	17.1	9.9	61	<0.1	18.1	14.1	418	3.21	7.9	0.5	1.3	3.2	18	0.2	0.3	0.2	83	0.25	0.069
1119670	Soil	0.7	91.8	6.7	76	0.3	14.8	18.1	654	4.58	7.0	1.2	2.5	2.5	18	0.1	0.3	0.1	148	0.38	0.071
1119667	Soil	0.5	7.7	6.8	51	<0.1	11.0	7.1	223	2.57	4.2	0.4	4.4	2.1	17	<0.1	0.3	0.1	63	0.27	0.030
1119669	Soil	0.4	42.1	7.4	79	0.2	17.3	13.9	507	3.80	4.7	0.5	1.9	2.1	16	0.1	0.3	0.1	122	0.29	0.043
1119662	Soil	1.0	30.2	12.0	76	<0.1	17.7	33.6	850	7.91	17.3	0.9	5.8	6.5	34	0.3	0.6	0.7	224	0.54	0.067
1119671	Soil	1.0	46.4	6.7	69	<0.1	13.1	16.3	684	5.05	5.9	0.3	<0.5	1.6	13	0.2	0.4	0.1	163	0.17	0.039
1119674	Soil	0.8	37.3	7.0	71	0.2	16.2	12.8	500	3.44	6.0	0.5	3.1	1.9	35	0.2	0.4	0.1	104	0.58	0.045
1119673	Soil	0.8	26.2	7.0	64	<0.1	16.9	13.9	564	3.63	7.1	0.4	2.0	2.3	19	0.1	0.4	0.1	99	0.32	0.052

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Project: CHA
Report Date: August 17, 2011

CERTIFICATE OF ANALYSIS DAW11000098.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1118071	Soil		10	41	1.00	405	0.112	1	1.92	0.013	0.27	0.2	0.04	5.3	0.2	<0.05	5	<0.5	<0.2
1118065	Soil		8	32	0.59	361	0.069	<1	1.68	0.011	0.10	0.2	0.04	3.3	<0.1	<0.05	5	<0.5	<0.2
1118067	Soil		9	29	0.57	311	0.066	<1	1.45	0.009	0.14	0.2	0.02	3.2	<0.1	<0.05	4	0.5	<0.2
1118064	Soil		8	31	0.63	281	0.079	<1	1.64	0.010	0.14	0.2	0.02	3.4	<0.1	<0.05	5	<0.5	<0.2
1118063	Soil		10	35	0.72	360	0.083	<1	1.80	0.011	0.13	0.2	0.04	3.9	0.1	<0.05	5	<0.5	<0.2
1118074	Soil		10	33	0.74	401	0.083	<1	1.81	0.011	0.11	0.2	0.04	4.6	0.1	<0.05	6	<0.5	<0.2
1118075	Soil		8	42	1.12	406	0.123	<1	1.94	0.011	0.23	0.1	0.02	4.0	0.2	<0.05	6	<0.5	<0.2
1118077	Soil		8	35	0.82	292	0.076	<1	1.94	0.009	0.09	0.1	0.03	3.8	0.1	<0.05	6	<0.5	<0.2
1118076	Soil		9	43	1.00	444	0.104	<1	2.07	0.010	0.16	0.2	0.04	5.5	0.1	<0.05	7	<0.5	<0.2
1118056	Soil		15	38	0.89	548	0.114	<1	1.93	0.010	0.16	0.1	0.04	4.7	0.2	<0.05	6	<0.5	<0.2
1118080	Soil		10	36	0.66	356	0.078	<1	1.74	0.011	0.18	0.1	0.04	4.5	0.1	<0.05	5	<0.5	<0.2
1118082	Soil		9	33	0.74	284	0.097	<1	1.65	0.012	0.23	0.2	0.02	3.2	0.1	<0.05	5	<0.5	<0.2
1118057	Soil		14	28	0.64	397	0.096	<1	1.70	0.010	0.12	0.1	0.03	3.3	0.2	<0.05	6	<0.5	<0.2
1118055	Soil		16	34	0.85	318	0.109	1	1.87	0.009	0.16	0.1	0.03	4.2	0.2	<0.05	6	<0.5	<0.2
1118079	Soil		8	26	0.78	324	0.073	<1	1.62	0.013	0.12	0.2	0.03	4.0	<0.1	<0.05	5	0.5	<0.2
1118078	Soil		8	33	0.95	367	0.098	<1	1.67	0.012	0.18	0.1	<0.01	4.0	0.1	<0.05	5	<0.5	<0.2
1118058	Soil		18	31	0.71	480	0.106	<1	1.86	0.009	0.18	0.1	0.03	3.8	0.2	<0.05	6	<0.5	<0.2
1118053	Soil		11	33	0.86	439	0.087	<1	1.65	0.011	0.14	0.2	0.03	5.0	0.1	<0.05	5	<0.5	<0.2
1118083	Soil		9	44	0.93	340	0.111	1	1.91	0.011	0.28	0.2	0.02	3.5	0.2	<0.05	6	0.6	<0.2
1118051	Soil		13	36	0.86	655	0.078	<1	1.94	0.011	0.13	0.2	0.06	5.3	0.1	<0.05	7	<0.5	<0.2
1118052	Soil		15	39	0.97	510	0.092	1	1.92	0.011	0.14	0.2	0.04	4.4	0.1	<0.05	6	<0.5	<0.2
1118054	Soil		17	40	1.01	439	0.092	1	2.07	0.011	0.18	0.1	0.05	5.2	0.2	<0.05	7	0.7	<0.2
1119661	Soil		11	36	0.67	148	0.091	1	2.29	0.014	0.09	0.3	0.03	3.3	0.1	<0.05	6	<0.5	<0.2
1119670	Soil		16	29	1.27	664	0.227	1	2.34	0.014	0.77	<0.1	0.04	11.2	0.4	<0.05	9	1.2	<0.2
1119667	Soil		7	25	0.61	130	0.105	<1	1.42	0.008	0.11	0.2	0.03	3.6	0.1	<0.05	6	<0.5	<0.2
1119669	Soil		7	30	1.28	395	0.167	2	2.22	0.010	0.46	0.1	0.03	8.3	0.3	<0.05	8	<0.5	<0.2
1119662	Soil		8	54	2.62	276	0.270	2	2.94	0.017	0.99	<0.1	0.01	15.0	1.0	<0.05	10	0.5	<0.2
1119671	Soil		6	25	1.29	401	0.198	1	2.36	0.010	0.46	<0.1	0.03	9.4	0.2	<0.05	9	<0.5	<0.2
1119674	Soil		9	28	0.94	634	0.127	2	2.01	0.014	0.28	0.2	0.03	6.8	0.2	<0.05	7	<0.5	<0.2
1119673	Soil		9	28	0.83	247	0.125	1	1.89	0.010	0.21	0.3	0.04	5.6	0.2	<0.05	6	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1119677	Soil		0.7	16.1	7.8	55	<0.1	13.5	7.9	166	2.56	5.2	0.4	1.4	1.3	16	<0.1	0.3	0.2	65	0.22	0.038
1119672	Soil		0.7	41.3	8.6	60	0.2	15.5	13.7	566	3.50	6.0	0.7	2.0	2.1	25	0.2	0.4	0.1	102	0.33	0.045
1119679	Soil		0.6	14.4	6.9	51	<0.1	11.0	6.9	172	2.21	3.8	0.3	2.0	1.0	13	<0.1	0.2	0.1	63	0.19	0.035
1119678	Soil		0.5	18.6	7.9	47	0.1	12.0	6.4	136	2.61	5.2	0.4	2.1	0.9	16	0.1	0.2	0.2	68	0.21	0.047
1119676	Soil		0.6	14.7	7.2	44	0.1	9.5	5.5	147	2.13	3.9	0.4	3.2	0.6	17	0.1	0.2	0.2	48	0.19	0.049
1119675	Soil		0.9	18.8	8.2	56	<0.1	12.0	12.5	539	2.73	5.6	0.5	3.7	1.5	16	0.1	0.3	0.1	75	0.21	0.049
1119680	Soil		0.5	19.4	8.1	66	0.1	15.0	10.7	322	2.80	4.9	0.5	1.6	1.8	16	0.2	0.3	0.1	70	0.25	0.046
1118081	Soil		0.9	32.9	8.5	75	0.1	18.6	11.7	350	2.94	6.1	0.6	4.5	2.7	16	0.1	0.4	0.2	70	0.26	0.057
1119654	Soil		0.5	11.4	8.2	28	0.1	7.7	2.9	89	1.22	2.4	0.4	3.6	0.6	21	0.2	0.2	0.2	27	0.19	0.039
1119658	Soil		1.0	24.6	7.7	55	0.2	15.2	12.4	428	3.04	5.9	1.1	5.5	3.8	35	0.1	0.3	0.4	75	0.45	0.053
1119660	Soil		1.6	24.1	10.8	67	0.2	19.7	15.7	478	3.38	7.8	0.9	14.5	4.0	36	0.2	0.3	0.3	92	0.42	0.094
1119682	Soil		0.7	58.6	10.1	89	0.2	13.9	17.9	691	4.32	4.4	0.6	2.4	1.6	27	0.2	0.5	<0.1	93	0.57	0.053
1119659	Soil		1.9	18.9	8.5	60	0.2	14.1	10.1	382	2.26	5.2	1.0	1.7	2.1	47	0.2	0.2	0.2	64	0.82	0.072
1119655	Soil		0.5	18.3	10.5	35	0.2	9.9	3.7	95	1.96	5.8	0.8	38.1	1.2	17	0.1	0.2	0.3	46	0.19	0.047
1119653	Soil		0.4	11.7	9.1	28	0.1	8.2	3.4	88	1.00	3.0	0.6	0.5	0.5	23	0.2	0.2	0.2	23	0.23	0.057
1119681	Soil		0.7	59.8	12.2	80	0.1	15.0	19.5	752	3.99	3.7	0.4	13.5	1.6	23	0.3	0.6	<0.1	88	0.47	0.053
1119651	Soil		1.1	11.4	9.4	59	0.1	12.8	9.2	350	2.46	5.2	0.6	10.0	2.1	29	<0.1	0.2	0.4	63	0.27	0.072
1119657	Soil		0.9	29.0	10.5	45	<0.1	13.5	10.6	319	2.46	8.7	0.6	3.4	3.7	17	<0.1	0.4	0.2	50	0.21	0.019
1119656	Soil		0.9	30.9	12.1	64	0.2	18.9	8.7	237	2.20	6.0	0.6	6.7	1.7	31	0.2	0.4	0.3	49	0.37	0.050
1119668	Soil		0.7	35.5	8.2	70	0.2	14.5	13.2	421	4.25	7.4	0.6	2.3	2.3	16	0.1	0.4	0.1	139	0.31	0.049
1119666	Soil		0.9	17.8	11.2	78	0.1	17.0	10.3	268	3.14	6.4	0.6	3.6	2.6	25	0.1	0.3	0.2	94	0.33	0.052
1119664	Soil		0.8	13.6	10.1	46	<0.1	11.9	5.5	160	2.01	4.7	0.6	6.5	1.1	15	<0.1	0.2	0.3	58	0.12	0.028
1119665	Soil		0.4	8.9	9.0	65	<0.1	11.7	5.3	157	1.99	2.6	0.5	1.9	2.3	30	0.1	0.2	0.2	51	0.35	0.039
1119663	Soil		1.7	15.8	12.4	47	<0.1	17.9	8.8	195	3.46	10.7	0.5	2.5	3.2	12	0.2	0.5	0.3	82	0.12	0.028
1118889	Soil		0.3	17.0	4.1	89	<0.1	14.3	16.3	264	4.35	1.4	0.6	1.0	6.2	24	<0.1	0.2	<0.1	77	0.30	0.026
1118881	Soil		0.9	17.9	10.3	69	<0.1	16.4	11.2	331	3.36	7.8	0.5	0.8	5.9	15	<0.1	0.7	0.2	66	0.11	0.018
1118882	Soil		1.2	18.9	12.4	61	<0.1	18.7	10.5	406	3.25	8.9	0.7	2.3	5.6	14	<0.1	0.5	0.2	72	0.12	0.032
1118802	Soil		1.0	28.7	12.1	54	<0.1	24.4	14.9	272	3.46	6.7	0.8	3.2	6.0	24	<0.1	0.7	0.2	79	0.27	0.015
1118887	Soil		0.1	20.4	2.7	92	<0.1	7.2	16.7	380	4.33	1.3	0.5	<0.5	6.7	19	<0.1	0.1	<0.1	66	0.33	0.056
1118888	Soil		0.4	76.2	2.2	98	<0.1	3.9	17.2	486	4.95	1.5	0.4	<0.5	2.6	30	<0.1	0.2	<0.1	55	0.59	0.113

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

Project: CHA
Report Date: August 17, 2011

CERTIFICATE OF ANALYSIS DAW11000098.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1119677	Soil		7	25	0.65	158	0.074	1	1.72	0.012	0.06	<0.1	0.04	3.3	0.1	<0.05	6	<0.5	<0.2
1119672	Soil		10	25	0.83	622	0.107	1	1.99	0.010	0.27	0.1	0.03	7.7	0.2	<0.05	7	<0.5	<0.2
1119679	Soil		7	20	0.63	149	0.072	<1	1.40	0.011	0.06	0.2	0.04	3.5	<0.1	<0.05	5	<0.5	<0.2
1119678	Soil		7	23	0.59	179	0.070	1	1.58	0.012	0.06	0.1	0.05	3.3	0.1	<0.05	5	0.8	<0.2
1119676	Soil		7	22	0.51	212	0.067	2	1.41	0.012	0.07	0.1	0.06	2.9	0.1	0.05	6	<0.5	<0.2
1119675	Soil		8	22	0.57	193	0.072	1	1.49	0.012	0.08	0.1	0.04	4.3	0.1	<0.05	5	<0.5	<0.2
1119680	Soil		8	25	0.69	269	0.069	1	1.73	0.011	0.09	0.1	0.04	4.6	0.1	<0.05	6	<0.5	<0.2
1118081	Soil		11	38	0.80	301	0.099	2	1.71	0.012	0.22	0.3	0.03	3.7	0.1	<0.05	5	<0.5	<0.2
1119654	Soil		7	16	0.25	138	0.041	2	0.92	0.011	0.05	0.2	0.04	2.0	<0.1	0.07	4	0.5	<0.2
1119658	Soil		17	28	0.76	338	0.084	2	1.68	0.013	0.22	0.4	0.05	6.1	0.2	0.08	6	0.5	<0.2
1119660	Soil		16	35	0.80	257	0.142	1	1.69	0.023	0.15	1.8	0.04	3.2	0.1	0.06	5	<0.5	0.2
1119682	Soil		9	23	1.35	482	0.035	1	2.31	0.009	0.17	0.1	0.03	8.4	<0.1	<0.05	6	<0.5	<0.2
1119659	Soil		10	28	0.60	207	0.076	2	1.36	0.018	0.10	0.2	0.06	3.8	<0.1	0.08	5	0.7	<0.2
1119655	Soil		10	25	0.31	150	0.062	1	1.35	0.008	0.06	0.2	0.06	2.9	0.1	0.06	5	0.6	<0.2
1119653	Soil		9	16	0.24	141	0.054	3	0.96	0.012	0.04	0.2	0.08	2.1	0.1	0.12	4	0.7	<0.2
1119681	Soil		8	26	1.16	465	0.040	1	2.08	0.010	0.13	0.1	0.02	8.7	<0.1	<0.05	6	<0.5	<0.2
1119651	Soil		10	23	0.51	141	0.071	2	1.40	0.014	0.08	0.2	0.03	2.7	0.1	<0.05	5	<0.5	<0.2
1119657	Soil		12	21	0.56	135	0.051	1	1.51	0.008	0.12	0.2	0.03	3.7	0.2	<0.05	5	<0.5	<0.2
1119656	Soil		11	28	0.54	228	0.058	2	1.43	0.014	0.08	0.2	0.06	3.3	0.1	0.06	5	<0.5	<0.2
1119668	Soil		7	26	1.09	295	0.187	2	2.09	0.011	0.54	0.1	0.06	7.1	0.3	<0.05	7	<0.5	<0.2
1119666	Soil		9	35	1.02	140	0.147	2	2.05	0.013	0.19	0.2	0.04	4.9	0.2	<0.05	7	<0.5	<0.2
1119664	Soil		8	26	0.52	87	0.080	2	1.42	0.012	0.08	0.2	0.04	2.9	0.1	<0.05	6	0.8	<0.2
1119665	Soil		9	26	0.66	142	0.088	2	1.55	0.013	0.09	0.1	0.04	4.3	0.1	0.06	6	<0.5	<0.2
1119663	Soil		10	33	0.35	141	0.065	1	2.51	0.007	0.05	0.2	0.03	2.8	0.1	<0.05	7	<0.5	<0.2
1118889	Soil		16	58	1.28	159	0.204	4	2.62	0.018	0.06	<0.1	<0.01	4.0	<0.1	<0.05	7	<0.5	<0.2
1118881	Soil		9	32	0.66	220	0.077	5	2.49	0.009	0.08	0.1	0.01	2.9	<0.1	<0.05	7	<0.5	<0.2
1118882	Soil		10	37	0.49	251	0.074	5	2.19	0.009	0.11	0.1	0.01	3.1	<0.1	<0.05	6	<0.5	<0.2
1118802	Soil		21	60	0.89	410	0.075	4	2.56	0.015	0.04	<0.1	0.02	7.3	<0.1	<0.05	6	<0.5	<0.2
1118887	Soil		16	30	1.01	407	0.254	2	2.44	0.016	0.54	<0.1	<0.01	2.7	0.1	<0.05	7	<0.5	<0.2
1118888	Soil		9	15	1.08	463	0.230	3	2.40	0.025	0.56	<0.1	<0.01	3.5	0.2	<0.05	6	<0.5	<0.2

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Project: CHA
Report Date: August 17, 2011

CERTIFICATE OF ANALYSIS DAW11000098.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1118900	Soil		1.3	40.5	16.9	53	<0.1	27.5	11.4	224	3.17	8.4	0.7	4.1	5.7	23	<0.1	0.8	0.2	80	0.26	0.011
1118899	Soil		0.7	21.5	9.1	36	<0.1	13.7	8.5	187	2.40	5.7	0.4	3.1	3.1	17	<0.1	0.4	0.1	64	0.18	0.011
1118883	Soil		0.8	13.6	9.4	64	<0.1	14.6	9.0	317	3.02	4.4	0.5	0.9	4.4	16	<0.1	0.4	0.1	55	0.17	0.024
1118880	Soil		0.5	10.7	9.1	49	<0.1	5.5	7.0	332	2.66	1.3	0.3	1.0	2.0	12	<0.1	0.2	<0.1	39	0.11	0.033
1118801	Soil		1.3	12.6	14.2	47	0.1	11.0	19.5	1256	2.75	3.9	0.3	1.9	1.8	16	<0.1	0.4	0.2	77	0.19	0.027
1118805	Soil		0.9	24.4	12.4	66	<0.1	23.4	14.7	366	4.01	6.9	0.7	1.5	4.8	21	<0.1	0.9	0.2	78	0.31	0.019
1118804	Soil		0.9	17.7	11.3	48	<0.1	14.6	9.6	241	2.90	10.2	0.4	<0.5	3.3	17	<0.1	1.2	0.1	53	0.18	0.012
1118803	Soil		0.8	20.9	8.8	62	<0.1	16.0	14.3	502	3.40	2.6	0.4	<0.5	3.1	20	<0.1	0.5	<0.1	75	0.25	0.018
1118806	Soil		0.9	26.8	7.6	110	<0.1	14.4	14.5	567	3.75	5.1	0.4	<0.5	3.9	16	0.1	0.5	0.1	66	0.23	0.046
1118807	Soil		0.9	19.6	9.2	72	<0.1	21.1	12.1	316	3.38	10.2	0.4	3.4	3.5	14	<0.1	0.6	0.1	70	0.16	0.028
1118406	Soil		0.5	27.3	8.0	83	<0.1	15.5	12.7	388	3.40	2.0	0.8	<0.5	6.6	12	0.1	0.2	0.2	65	0.24	0.049
1118412	Soil		0.7	13.3	8.0	59	<0.1	14.9	10.0	312	2.85	4.6	0.7	0.9	3.3	13	<0.1	0.3	0.2	56	0.16	0.047
1118401	Soil		0.5	21.4	12.9	85	<0.1	20.9	11.9	471	3.82	2.8	1.6	<0.5	17.8	9	<0.1	0.3	0.2	43	0.15	0.070
1118024	Soil		1.0	32.6	13.9	68	0.2	19.5	12.0	408	2.98	8.4	1.3	1.9	5.2	36	0.2	0.9	0.2	58	0.52	0.042
1118407	Soil		0.7	35.3	13.0	102	0.1	13.8	12.1	402	3.49	3.3	0.9	1.1	5.8	13	0.1	0.7	0.2	74	0.25	0.049
1118408	Soil		0.7	17.1	13.3	83	0.2	13.0	9.5	304	3.28	3.8	0.8	1.6	3.8	13	0.1	0.5	0.2	61	0.17	0.041
1118403	Soil		0.6	41.3	14.4	110	0.1	14.4	11.7	389	3.24	1.8	0.7	1.3	4.3	11	0.1	0.3	0.3	73	0.20	0.057
1118025	Soil		1.1	31.4	12.2	77	<0.1	23.3	10.7	370	2.95	6.8	1.1	3.2	5.6	30	<0.1	0.7	0.2	55	0.40	0.042
1118409	Soil		0.8	14.1	11.2	64	0.1	13.1	7.8	262	2.44	3.8	0.9	1.9	3.3	14	<0.1	0.4	0.2	51	0.18	0.044
1118404	Soil		0.6	29.4	8.9	72	<0.1	14.1	9.2	277	2.96	3.5	0.7	5.7	4.6	15	0.1	0.3	0.3	64	0.20	0.046
1118410	Soil		0.6	14.3	9.0	61	<0.1	12.3	9.2	391	2.62	3.6	0.7	1.6	3.3	13	<0.1	0.4	0.2	54	0.16	0.042
1118028	Soil		0.5	11.8	6.3	84	<0.1	14.5	16.0	564	4.00	2.1	0.6	<0.5	9.3	24	<0.1	0.2	<0.1	75	0.30	0.044
1118405	Soil		0.6	47.5	10.0	120	0.2	16.5	13.5	367	3.43	3.0	1.0	1.2	6.8	13	0.2	0.5	0.3	70	0.24	0.054
1118411	Soil		0.6	17.7	7.8	60	<0.1	14.2	10.1	405	2.80	3.9	0.7	1.0	3.2	11	0.1	0.3	0.1	58	0.20	0.042
1118021	Soil		0.8	18.1	13.9	62	<0.1	15.7	9.7	300	3.26	7.1	0.6	<0.5	5.0	18	<0.1	1.2	0.2	54	0.21	0.024
1118030	Soil		0.5	24.3	9.2	61	<0.1	13.1	13.1	428	3.14	2.7	1.7	1.3	12.3	21	<0.1	0.4	<0.1	58	0.27	0.036
1118818	Soil		0.9	26.0	9.6	77	0.3	17.2	12.6	521	3.70	9.4	1.0	1.4	3.7	24	0.2	0.5	0.2	84	0.51	0.040
1118005	Soil		1.1	28.9	13.8	73	<0.1	22.1	14.9	571	3.83	6.9	1.1	1.1	8.1	16	<0.1	0.8	0.2	57	0.14	0.026
1118007	Soil		0.9	29.6	19.3	85	0.2	29.0	12.0	463	3.69	32.7	1.0	1.5	6.5	23	<0.1	1.5	0.2	40	0.23	0.031
1118033	Soil		0.4	19.7	6.0	70	<0.1	14.1	12.3	446	2.83	2.1	0.6	1.3	5.6	25	<0.1	0.3	<0.1	56	0.32	0.038

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1118900	Soil		14	84	0.64	339	0.088	3	2.49	0.011	0.05	<0.1	0.02	6.7	<0.1	<0.05	6	<0.5	<0.2
1118899	Soil		10	41	0.54	222	0.076	4	1.61	0.012	0.04	0.1	0.02	3.2	<0.1	<0.05	5	<0.5	<0.2
1118883	Soil		11	26	0.65	237	0.088	4	1.72	0.008	0.16	0.1	<0.01	2.9	<0.1	<0.05	6	<0.5	<0.2
1118880	Soil		5	13	0.52	98	0.036	3	1.46	0.007	0.05	<0.1	0.01	2.2	<0.1	<0.05	7	<0.5	<0.2
1118801	Soil		6	30	0.37	195	0.106	3	1.38	0.013	0.04	<0.1	0.01	1.9	<0.1	<0.05	7	<0.5	<0.2
1118805	Soil		14	53	0.94	454	0.034	2	2.40	0.009	0.06	0.1	0.02	7.9	<0.1	<0.05	7	<0.5	<0.2
1118804	Soil		9	32	0.67	281	0.023	4	1.89	0.006	0.07	0.1	0.01	2.8	<0.1	<0.05	5	<0.5	<0.2
1118803	Soil		13	46	1.11	361	0.134	3	2.36	0.010	0.06	<0.1	<0.01	3.6	<0.1	<0.05	6	<0.5	<0.2
1118806	Soil		7	41	1.36	232	0.133	4	2.56	0.007	0.25	0.1	<0.01	2.5	0.2	<0.05	7	<0.5	<0.2
1118807	Soil		8	39	0.79	215	0.115	4	2.53	0.010	0.07	0.2	0.02	2.3	<0.1	<0.05	6	<0.5	<0.2
1118406	Soil		19	25	1.02	622	0.174	3	2.00	0.015	0.56	0.1	0.02	4.0	0.2	<0.05	7	<0.5	<0.2
1118412	Soil		12	27	0.67	256	0.099	5	1.69	0.011	0.16	0.1	0.03	3.6	0.1	<0.05	6	<0.5	<0.2
1118401	Soil		44	33	0.86	192	0.198	3	2.33	0.010	0.98	<0.1	0.01	3.4	0.5	<0.05	8	<0.5	<0.2
1118024	Soil		21	32	0.56	588	0.061	2	1.80	0.011	0.06	0.2	0.06	5.5	<0.1	<0.05	6	<0.5	<0.2
1118407	Soil		17	27	0.96	617	0.144	2	1.84	0.012	0.43	0.1	0.03	5.2	0.2	<0.05	7	<0.5	<0.2
1118408	Soil		15	26	0.72	407	0.099	1	1.82	0.009	0.24	<0.1	0.04	4.2	0.2	<0.05	7	<0.5	<0.2
1118403	Soil		13	33	1.08	550	0.183	2	2.21	0.014	0.65	<0.1	0.02	4.5	0.3	<0.05	9	<0.5	<0.2
1118025	Soil		18	36	0.67	419	0.101	2	1.75	0.015	0.10	0.2	0.04	4.4	0.1	<0.05	5	0.8	<0.2
1118409	Soil		14	28	0.61	245	0.079	<1	1.64	0.009	0.12	0.1	0.04	3.4	0.1	<0.05	7	<0.5	<0.2
1118404	Soil		14	27	0.74	507	0.149	3	1.79	0.012	0.32	0.1	0.01	3.5	0.2	<0.05	7	0.5	<0.2
1118410	Soil		13	24	0.68	215	0.103	2	1.62	0.010	0.20	0.1	0.03	3.3	0.1	<0.05	6	<0.5	<0.2
1118028	Soil		22	50	1.93	385	0.205	1	2.50	0.015	0.34	<0.1	<0.01	6.5	0.2	<0.05	9	<0.5	<0.2
1118405	Soil		20	30	1.15	681	0.174	2	2.15	0.015	0.57	<0.1	0.04	4.8	0.3	<0.05	9	<0.5	<0.2
1118411	Soil		11	29	0.68	250	0.111	2	1.62	0.012	0.20	<0.1	0.02	3.5	0.1	<0.05	6	<0.5	<0.2
1118021	Soil		14	27	0.52	288	0.043	2	1.96	0.008	0.08	0.3	<0.01	3.9	<0.1	<0.05	6	<0.5	<0.2
1118030	Soil		32	31	0.81	369	0.105	3	1.76	0.020	0.14	0.1	0.01	6.4	<0.1	<0.05	6	0.5	<0.2
1118818	Soil		14	36	0.82	451	0.133	3	2.11	0.016	0.35	0.1	0.04	7.2	0.1	<0.05	7	<0.5	<0.2
1118005	Soil		21	47	0.66	586	0.043	2	1.71	0.009	0.14	<0.1	0.02	7.2	0.1	<0.05	5	<0.5	<0.2
1118007	Soil		14	26	0.24	737	0.005	3	0.84	0.009	0.07	<0.1	0.03	7.8	<0.1	<0.05	3	<0.5	<0.2
1118033	Soil		18	33	1.05	227	0.165	2	1.73	0.015	0.21	<0.1	<0.01	3.0	0.1	<0.05	5	<0.5	<0.2

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

Project: CHA
Report Date: August 17, 2011

CERTIFICATE OF ANALYSIS DAW11000098.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1118817	Soil	1.0	45.7	7.6	81	<0.1	16.0	18.0	421	4.88	9.4	0.9	4.7	3.6	16	<0.1	0.4	0.2	148	0.32	0.033
1118009	Soil	1.0	35.9	16.6	88	0.2	28.2	24.0	1007	6.46	8.4	1.8	2.6	9.6	20	<0.1	0.8	0.3	89	0.36	0.050
1118008	Soil	1.3	44.9	20.8	82	<0.1	31.1	19.3	494	5.04	2.4	1.2	1.3	17.0	23	<0.1	0.9	0.3	84	0.47	0.107
1118032	Soil	0.6	18.6	10.1	65	<0.1	13.9	12.3	365	3.37	3.5	0.7	2.0	4.6	16	<0.1	0.6	0.2	55	0.18	0.030
1118839	Soil	0.5	18.5	15.5	97	<0.1	11.3	14.9	543	3.54	3.1	0.5	2.3	2.3	22	0.2	0.3	0.1	94	0.35	0.031
1118004	Soil	0.9	23.0	12.1	57	<0.1	26.7	11.7	315	2.99	8.4	0.7	5.0	5.7	16	<0.1	0.6	0.2	58	0.15	0.024
1118002	Soil	1.1	25.8	12.1	55	<0.1	22.9	10.3	294	3.16	9.4	0.7	5.9	5.1	15	0.1	0.5	0.2	65	0.14	0.030
1118010	Soil	1.0	42.6	12.5	66	<0.1	27.3	20.6	526	4.21	4.4	0.8	0.7	4.6	14	<0.1	1.0	0.2	78	0.15	0.023
1118837	Soil	0.7	22.2	18.2	80	0.9	15.7	12.5	417	2.61	4.6	1.5	6.8	4.3	40	0.3	0.5	0.2	67	0.36	0.044
1118001	Soil	1.2	25.3	12.0	62	<0.1	27.1	12.2	382	3.06	6.2	0.8	1.7	3.7	17	0.1	0.4	0.2	67	0.18	0.049
1118006	Soil	1.1	34.5	16.8	87	<0.1	29.9	13.4	485	3.56	6.0	1.0	1.9	9.2	28	<0.1	0.8	0.2	54	0.34	0.047
1118003	Soil	1.0	41.8	13.0	80	<0.1	36.2	16.4	578	3.70	8.1	1.5	1.3	8.5	29	<0.1	0.6	0.2	72	0.33	0.035
1118827	Soil	0.8	26.1	9.6	69	0.1	18.9	10.1	347	2.62	7.7	0.8	2.2	3.9	31	0.2	0.6	0.2	55	0.50	0.062
1118823	Soil	1.0	58.0	11.1	123	<0.1	22.6	13.7	352	3.77	5.9	1.4	1.3	5.8	32	0.1	0.5	0.2	71	0.25	0.029
1118826	Soil	0.8	33.8	9.8	70	0.1	25.8	11.1	458	2.59	8.9	0.7	2.4	3.5	47	0.3	0.7	0.2	53	0.98	0.065
1118822	Soil	1.1	32.0	18.8	80	0.8	15.1	12.1	348	3.40	6.9	1.1	8.0	3.9	25	0.1	0.5	0.2	67	0.36	0.049
1118810	Soil	0.6	44.0	4.1	67	<0.1	9.3	15.0	300	3.99	6.2	0.5	1.6	2.1	21	<0.1	0.5	<0.1	88	0.36	0.043
1118821	Soil	1.9	29.3	11.0	130	0.4	13.7	13.8	395	3.65	5.4	1.0	2.7	4.0	24	0.6	0.4	0.2	63	0.27	0.070
1118825	Soil	1.1	34.6	10.1	78	0.2	21.2	10.5	333	3.07	8.2	1.0	1.8	4.3	31	0.1	0.6	0.2	67	0.46	0.057
1118820	Soil	1.9	63.0	22.2	213	0.4	15.9	16.2	380	4.54	7.9	1.2	10.2	3.9	21	0.5	0.6	0.3	86	0.31	0.043
1118808	Soil	0.8	43.2	8.2	67	0.2	18.6	12.9	361	3.18	9.4	1.2	5.6	3.8	30	0.2	0.7	0.1	73	0.60	0.073
1118824	Soil	1.0	39.0	11.7	80	0.2	24.9	11.6	389	2.83	8.1	1.5	2.1	4.1	29	0.2	0.6	0.2	58	0.50	0.061
1118829	Soil	0.9	32.6	9.8	71	0.1	26.2	8.7	319	2.43	7.9	0.6	5.1	3.8	36	0.2	0.7	0.2	48	0.60	0.065
1118828	Soil	0.8	37.1	9.6	69	0.1	25.2	10.4	392	2.45	7.9	1.0	1.8	2.8	45	0.4	0.8	0.2	49	0.75	0.063
1118831	Soil	0.8	28.1	12.8	79	<0.1	21.2	12.1	321	2.98	7.0	0.8	4.0	6.2	22	0.2	0.5	0.2	62	0.30	0.047
1118830	Soil	0.7	24.5	9.5	69	0.1	16.3	10.8	300	2.68	6.1	0.9	1.2	3.5	22	0.2	0.5	0.1	55	0.34	0.046
1117899	Soil	0.9	13.0	11.9	51	0.1	12.5	9.0	490	2.32	4.9	0.7	19.5	2.4	56	0.2	0.3	0.4	65	0.31	0.069
1117898	Soil	0.8	14.6	13.4	38	0.2	9.5	6.0	186	1.67	4.3	0.7	27.4	0.7	28	0.2	0.3	0.5	40	0.18	0.063
1118334	Soil	0.9	9.8	19.3	33	0.3	5.7	5.7	810	1.80	3.8	0.4	<0.5	1.5	16	0.1	0.7	0.2	46	0.19	0.020
1118327	Soil	0.8	15.6	10.7	58	<0.1	13.3	8.6	308	2.66	4.6	0.6	1.5	3.1	18	<0.1	0.5	0.2	53	0.25	0.046

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Project: CHA
Report Date: August 17, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1118817	Soil	9	37	1.84	485	0.240	2	2.93	0.013	0.76	0.1	0.01	12.2	0.3	<0.05	9	<0.5	<0.2
1118009	Soil	26	32	0.65	594	0.029	<1	1.44	0.011	0.25	<0.1	0.03	15.9	0.1	<0.05	5	<0.5	<0.2
1118008	Soil	42	38	1.00	893	0.070	<1	2.22	0.012	0.32	<0.1	<0.01	11.9	0.2	<0.05	8	<0.5	<0.2
1118032	Soil	11	31	0.93	168	0.039	1	1.88	0.008	0.06	0.1	<0.01	3.2	<0.1	<0.05	5	<0.5	<0.2
1118839	Soil	7	28	1.37	707	0.209	<1	2.28	0.013	0.71	<0.1	0.01	3.8	0.3	<0.05	7	<0.5	<0.2
1118004	Soil	15	44	0.62	361	0.062	<1	2.00	0.009	0.08	0.1	0.02	3.6	0.1	<0.05	6	<0.5	<0.2
1118002	Soil	12	41	0.59	247	0.079	<1	1.95	0.008	0.10	0.1	0.01	3.1	0.1	<0.05	6	<0.5	<0.2
1118010	Soil	11	74	0.82	393	0.030	<1	1.79	0.010	0.15	<0.1	<0.01	7.8	0.1	<0.05	5	<0.5	<0.2
1118837	Soil	13	32	0.81	565	0.125	<1	1.88	0.016	0.25	0.2	0.05	5.3	0.1	<0.05	6	0.6	<0.2
1118001	Soil	16	61	0.84	218	0.097	<1	1.83	0.010	0.18	<0.1	0.02	3.3	0.1	<0.05	6	<0.5	<0.2
1118006	Soil	24	47	0.69	777	0.060	<1	1.63	0.014	0.12	0.1	0.04	6.6	<0.1	<0.05	6	<0.5	<0.2
1118003	Soil	25	74	1.11	604	0.134	1	2.17	0.012	0.21	0.1	0.02	6.5	0.2	<0.05	7	<0.5	<0.2
1118827	Soil	13	31	0.66	342	0.086	<1	1.45	0.019	0.07	0.2	0.03	4.0	<0.1	<0.05	5	<0.5	<0.2
1118823	Soil	18	61	1.33	529	0.173	1	2.38	0.020	0.29	<0.1	0.02	8.0	0.2	0.07	8	0.6	<0.2
1118826	Soil	12	29	0.63	345	0.073	<1	1.30	0.025	0.06	0.2	0.03	3.9	<0.1	<0.05	4	<0.5	<0.2
1118822	Soil	12	34	0.75	566	0.133	<1	1.74	0.017	0.21	0.1	0.10	6.0	0.1	<0.05	6	0.6	<0.2
1118810	Soil	7	18	0.87	225	0.086	<1	2.15	0.019	0.12	<0.1	0.01	6.9	<0.1	<0.05	7	<0.5	<0.2
1118821	Soil	11	26	0.74	568	0.136	<1	2.01	0.016	0.38	<0.1	0.04	4.7	0.2	<0.05	6	<0.5	<0.2
1118825	Soil	13	41	0.81	512	0.112	<1	1.79	0.018	0.14	0.1	0.03	5.2	0.1	<0.05	6	0.7	<0.2
1118820	Soil	12	29	1.06	412	0.149	<1	2.32	0.018	0.11	<0.1	0.07	8.6	0.2	<0.05	8	0.8	<0.2
1118808	Soil	14	25	0.66	313	0.086	<1	1.56	0.020	0.08	0.3	0.04	6.1	<0.1	<0.05	5	<0.5	<0.2
1118824	Soil	14	35	0.72	507	0.097	<1	1.65	0.020	0.11	0.1	0.03	4.7	<0.1	<0.05	5	<0.5	<0.2
1118829	Soil	12	28	0.59	364	0.074	<1	1.28	0.024	0.07	0.2	0.04	3.4	<0.1	<0.05	4	0.5	<0.2
1118828	Soil	13	28	0.56	426	0.063	<1	1.41	0.022	0.07	0.3	0.04	3.8	<0.1	<0.05	4	<0.5	<0.2
1118831	Soil	19	49	0.86	337	0.117	<1	1.77	0.014	0.23	0.2	0.02	3.7	0.2	<0.05	5	<0.5	<0.2
1118830	Soil	12	30	0.64	375	0.082	<1	1.61	0.015	0.07	0.2	0.03	4.1	<0.1	<0.05	5	<0.5	<0.2
1117899	Soil	10	24	0.50	130	0.090	<1	1.15	0.022	0.11	0.2	0.03	2.4	<0.1	<0.05	5	<0.5	<0.2
1117898	Soil	8	18	0.35	134	0.046	<1	1.22	0.012	0.06	0.1	0.06	2.4	0.1	<0.05	5	<0.5	<0.2
1118334	Soil	11	13	0.15	511	0.016	<1	1.00	0.010	0.04	<0.1	0.02	1.4	<0.1	<0.05	5	<0.5	<0.2
1118327	Soil	13	27	0.59	261	0.066	<1	1.64	0.009	0.08	0.1	0.01	3.0	<0.1	<0.05	6	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1118328	Soil		1.2	10.9	14.2	45	<0.1	11.4	7.0	277	3.19	7.3	0.5	1.3	3.4	14	0.1	0.4	0.2	74	0.14	0.030
1118330	Soil		0.4	26.2	7.1	70	<0.1	39.2	22.3	444	3.66	2.5	0.4	<0.5	4.6	25	<0.1	1.1	0.1	86	0.32	0.020
1118302	Soil		0.7	18.3	6.7	57	<0.1	13.3	11.1	343	3.10	2.6	0.4	<0.5	2.2	14	<0.1	0.3	0.1	81	0.15	0.031
1118313	Soil		0.7	25.0	6.9	66	<0.1	19.2	16.1	442	4.16	6.3	0.4	<0.5	2.1	19	<0.1	0.5	0.1	117	0.17	0.029
1118315	Soil		1.2	23.0	10.8	76	<0.1	31.3	14.6	348	3.90	10.4	0.7	4.0	5.2	16	<0.1	0.6	0.2	73	0.14	0.028
1118304	Soil		0.5	24.4	8.2	77	<0.1	20.2	21.9	518	5.59	2.9	0.7	<0.5	5.7	19	<0.1	0.4	0.2	107	0.23	0.038
1118321	Soil		0.9	17.9	11.1	56	<0.1	20.9	9.8	294	3.04	8.1	0.8	2.2	6.0	20	0.1	0.5	0.3	51	0.24	0.031
1118316	Soil		0.7	38.7	6.3	91	<0.1	33.2	15.8	507	4.18	7.2	0.5	1.8	3.1	29	<0.1	0.4	0.2	91	0.32	0.078
1118306	Soil		0.5	23.7	5.2	74	<0.1	25.4	13.9	277	3.40	5.0	0.3	<0.5	1.5	12	<0.1	0.3	<0.1	90	0.13	0.023
1118311	Soil		0.8	25.3	9.5	41	<0.1	16.4	8.4	200	3.24	8.8	0.5	4.8	2.6	12	0.1	0.4	0.2	73	0.10	0.026
1118323	Soil		0.9	14.4	10.8	50	<0.1	17.0	7.2	211	2.61	6.9	0.5	2.8	1.4	12	0.1	0.5	0.2	60	0.11	0.029
1118324	Soil		0.8	30.7	12.5	51	0.2	26.7	13.4	681	2.72	5.0	1.0	3.6	2.6	74	0.1	0.3	0.2	52	1.17	0.083
1118309	Soil		0.6	23.8	9.3	65	<0.1	17.8	16.3	471	3.88	6.9	0.8	1.6	6.6	15	<0.1	0.9	0.2	72	0.15	0.026
1118312	Soil		0.5	61.8	7.5	52	<0.1	21.9	17.4	507	3.71	4.4	0.7	3.2	6.6	17	<0.1	0.7	0.1	76	0.27	0.025
1118350	Soil		0.8	19.4	9.4	53	0.1	14.8	7.6	288	2.62	10.3	0.6	5.1	1.9	16	0.1	0.5	0.2	48	0.16	0.045
1118346	Soil		0.6	16.8	9.0	50	0.1	14.5	6.3	209	2.24	6.2	0.7	4.5	1.5	18	0.2	0.4	0.2	43	0.19	0.040
1118340	Soil		0.4	6.4	3.0	10	<0.1	2.2	1.6	35	0.64	1.4	0.2	<0.5	<0.1	6	<0.1	0.1	0.1	16	0.04	0.028
1118341	Soil		0.8	13.5	9.9	45	<0.1	9.4	7.2	293	2.80	8.6	0.6	1.4	2.0	11	0.2	0.5	0.2	50	0.10	0.037
1117895	Soil		0.8	16.5	10.8	49	0.1	13.6	10.2	309	2.40	5.1	0.8	27.9	1.5	32	0.1	0.3	0.4	59	0.32	0.041
1117897	Soil		0.4	12.4	14.9	34	0.2	7.1	2.8	93	1.09	3.1	0.5	13.2	0.6	32	0.2	0.2	0.8	23	0.22	0.040
1118349	Soil		0.6	16.8	9.4	51	<0.1	12.6	11.2	496	2.48	8.5	0.5	2.1	1.8	14	0.1	0.4	0.3	50	0.16	0.039
1118348	Soil		0.9	21.0	9.5	54	0.2	14.6	7.1	271	2.80	10.1	0.7	5.0	1.7	22	<0.1	0.5	0.2	55	0.26	0.048
1117896	Soil		1.9	41.0	12.8	66	0.1	22.6	15.1	398	4.15	15.6	1.0	8.5	3.5	27	0.2	0.6	0.6	87	0.26	0.063
1118329	Soil		1.3	12.9	9.6	46	<0.1	22.0	9.2	310	3.46	11.0	0.3	1.1	2.7	13	<0.1	0.5	0.2	94	0.13	0.019
1118326	Soil		0.6	19.9	7.4	68	<0.1	14.6	10.6	411	3.11	3.5	0.9	2.3	5.2	20	<0.1	0.5	<0.1	51	0.29	0.056
1118325	Soil		0.8	15.6	10.5	49	<0.1	15.1	9.3	319	2.88	5.2	0.8	1.2	3.8	28	<0.1	0.4	0.1	55	0.41	0.054
1118335	Soil		1.1	9.4	15.3	33	0.3	5.0	5.1	565	1.78	5.7	0.5	3.1	2.0	14	<0.1	0.9	0.1	38	0.18	0.019
1118331	Soil		0.9	15.2	12.0	39	0.2	17.0	10.0	453	2.57	5.8	0.6	2.4	4.9	19	<0.1	0.4	0.2	64	0.19	0.016
1118333	Soil		0.6	10.3	9.6	41	<0.1	7.1	5.7	219	2.73	3.5	0.3	<0.5	2.0	13	<0.1	0.3	0.1	69	0.13	0.022
1118332	Soil		0.9	13.8	12.9	31	0.3	12.2	10.3	582	2.31	5.0	0.5	<0.5	4.0	19	<0.1	0.4	0.2	61	0.18	0.017

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Project: CHA
Report Date: August 17, 2011

CERTIFICATE OF ANALYSIS DAW11000098.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1118328	Soil		10	28	0.43	272	0.083	<1	1.78	0.008	0.07	0.1	0.02	2.7	<0.1	<0.05	8	<0.5	<0.2
1118330	Soil		7	290	1.58	268	0.160	<1	2.32	0.008	0.09	0.3	<0.01	4.6	0.1	<0.05	8	<0.5	<0.2
1118302	Soil		9	36	0.74	267	0.117	<1	1.57	0.010	0.24	<0.1	<0.01	3.7	0.1	<0.05	7	<0.5	<0.2
1118313	Soil		6	25	1.03	200	0.140	<1	2.30	0.010	0.07	0.1	<0.01	4.7	<0.1	<0.05	9	0.5	<0.2
1118315	Soil		10	43	0.75	278	0.134	<1	2.62	0.010	0.10	0.1	0.02	2.9	0.1	<0.05	8	<0.5	<0.2
1118304	Soil		15	28	0.86	603	0.015	<1	2.40	0.007	0.13	<0.1	0.02	10.1	<0.1	<0.05	8	0.5	<0.2
1118321	Soil		20	36	0.52	317	0.047	2	1.79	0.008	0.11	0.1	0.04	3.5	0.1	<0.05	6	<0.5	<0.2
1118316	Soil		8	87	1.54	489	0.205	<1	2.55	0.009	0.35	0.1	0.02	3.2	0.2	<0.05	8	<0.5	<0.2
1118306	Soil		4	100	1.17	255	0.157	<1	2.51	0.010	0.20	<0.1	<0.01	2.7	0.1	<0.05	9	<0.5	<0.2
1118311	Soil		9	32	0.52	271	0.070	<1	2.04	0.007	0.11	0.1	0.03	3.3	0.1	<0.05	7	<0.5	<0.2
1118323	Soil		12	32	0.47	170	0.067	<1	1.37	0.006	0.10	<0.1	0.02	2.2	0.1	<0.05	6	<0.5	<0.2
1118324	Soil		14	45	0.68	1169	0.058	2	1.82	0.010	0.09	<0.1	0.05	4.5	<0.1	0.13	6	0.8	<0.2
1118309	Soil		19	27	0.70	280	0.070	2	1.82	0.006	0.16	0.1	0.02	4.4	0.1	<0.05	5	<0.5	<0.2
1118312	Soil		25	38	0.82	490	0.020	<1	2.31	0.006	0.07	<0.1	<0.01	8.1	<0.1	<0.05	7	<0.5	<0.2
1118350	Soil		10	24	0.43	195	0.044	<1	1.79	0.007	0.07	0.2	0.04	3.1	0.1	<0.05	6	<0.5	<0.2
1118346	Soil		11	23	0.44	208	0.046	1	1.58	0.008	0.06	0.2	0.03	3.0	<0.1	<0.05	5	<0.5	<0.2
1118340	Soil		3	5	0.04	35	0.024	1	0.31	0.010	0.04	<0.1	0.02	0.7	<0.1	0.07	2	<0.5	<0.2
1118341	Soil		11	16	0.46	104	0.095	<1	1.58	0.007	0.18	0.1	<0.01	3.9	0.2	0.06	6	<0.5	<0.2
1117895	Soil		9	24	0.56	188	0.061	<1	1.55	0.010	0.07	0.2	0.03	3.8	0.1	0.07	5	<0.5	<0.2
1117897	Soil		6	15	0.26	125	0.035	2	1.00	0.008	0.05	<0.1	0.05	1.9	0.1	0.10	4	<0.5	<0.2
1118349	Soil		10	20	0.50	160	0.057	<1	1.58	0.009	0.09	0.2	0.03	3.0	0.1	<0.05	5	<0.5	<0.2
1118348	Soil		8	23	0.52	204	0.062	<1	1.90	0.009	0.10	0.2	0.04	3.6	0.1	0.06	6	<0.5	<0.2
1117896	Soil		11	40	0.84	155	0.090	<1	1.90	0.011	0.17	0.2	<0.01	5.3	0.2	<0.05	6	0.6	0.2
1118329	Soil		9	67	0.63	180	0.111	<1	1.67	0.006	0.05	0.1	<0.01	3.1	<0.1	<0.05	9	<0.5	<0.2
1118326	Soil		16	30	0.74	420	0.099	<1	1.49	0.008	0.18	<0.1	0.01	3.4	0.1	<0.05	5	<0.5	<0.2
1118325	Soil		13	35	0.56	453	0.047	<1	1.59	0.009	0.07	0.1	0.03	3.7	<0.1	<0.05	6	<0.5	<0.2
1118335	Soil		12	10	0.11	473	0.015	<1	0.91	0.006	0.05	0.1	0.01	1.4	<0.1	<0.05	4	<0.5	<0.2
1118331	Soil		14	31	0.40	640	0.051	<1	1.87	0.009	0.05	<0.1	0.02	2.7	0.1	<0.05	6	<0.5	<0.2
1118333	Soil		7	19	0.35	272	0.088	<1	1.64	0.007	0.09	<0.1	0.02	1.7	0.1	<0.05	8	<0.5	<0.2
1118332	Soil		13	26	0.31	607	0.050	<1	1.58	0.008	0.06	<0.1	0.01	2.4	<0.1	<0.05	6	<0.5	<0.2

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Project: CHA
Report Date: August 17, 2011

CERTIFICATE OF ANALYSIS DAW11000098.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1118819	Soil		0.9	14.1	9.0	109	<0.1	11.3	11.6	238	3.32	5.7	0.4	2.0	2.2	13	0.5	0.3	0.1	67	0.19	0.030
1118838	Soil		0.5	18.0	13.5	73	0.3	16.7	11.7	355	2.93	6.5	1.5	3.2	5.5	24	0.2	0.3	0.2	56	0.32	0.048
1118812	Soil		0.4	31.7	5.5	28	0.2	4.7	6.9	183	2.06	2.3	0.8	3.2	0.8	194	<0.1	0.3	<0.1	43	1.33	0.025
1118814	Soil		0.8	66.2	7.2	65	0.3	13.4	18.4	467	4.01	5.2	1.0	2.7	2.2	19	<0.1	0.3	<0.1	112	0.49	0.041
1118816	Soil		0.7	33.5	7.9	57	0.2	13.1	17.2	418	4.15	6.5	0.4	1.9	1.6	19	<0.1	0.3	0.1	131	0.28	0.026
1118835	Soil		0.7	17.2	22.9	76	0.4	13.9	12.8	415	3.46	4.9	0.6	2.3	3.3	17	0.1	0.4	<0.1	83	0.20	0.031
1118813	Soil		0.5	31.3	6.7	63	0.1	11.8	14.4	387	3.64	4.5	0.6	0.7	2.0	20	<0.1	0.3	<0.1	96	0.37	0.037
1118815	Soil		0.7	36.0	10.1	60	0.1	20.8	14.9	418	3.65	8.0	0.4	2.8	2.6	22	<0.1	0.5	0.1	92	0.44	0.018
1118840	Soil		0.4	17.6	13.2	91	<0.1	11.6	14.8	520	3.35	3.6	0.5	0.6	2.0	19	0.1	0.2	<0.1	84	0.33	0.029
1118833	Soil		0.8	23.1	12.5	53	<0.1	16.3	10.8	333	2.91	8.4	0.7	1.5	4.4	16	<0.1	0.5	0.3	63	0.20	0.026
1118834	Soil		0.9	25.3	14.2	57	<0.1	16.7	11.3	354	2.98	8.9	0.6	1.7	4.4	16	<0.1	0.5	0.2	64	0.19	0.027
1118809	Soil		0.8	21.0	10.4	55	0.2	14.4	10.6	375	2.65	7.2	0.8	28.7	2.5	23	0.1	0.4	0.2	60	0.37	0.048
1118836	Soil		0.6	30.0	13.4	81	0.4	21.8	12.0	265	2.87	6.9	1.5	6.0	4.5	31	0.3	0.7	0.2	67	0.35	0.067
1118832	Soil		0.6	34.3	7.4	50	<0.1	15.1	10.1	269	2.96	5.9	0.8	2.0	3.3	21	<0.1	0.4	0.2	74	0.32	0.041
1118841	Soil		0.8	27.2	35.6	205	0.1	12.0	14.7	546	3.94	3.7	0.3	1.7	1.5	21	0.6	0.3	0.3	103	0.34	0.019
1118811	Soil		0.9	32.7	9.4	57	<0.1	16.1	11.8	257	3.18	7.5	0.4	2.3	2.1	24	<0.1	0.5	0.1	77	0.31	0.024
1118305	Soil		1.1	24.1	11.6	50	<0.1	14.7	15.5	447	3.99	5.1	0.4	1.1	2.4	11	0.1	0.4	0.2	92	0.13	0.049
1118317	Soil		0.7	24.4	10.7	70	<0.1	23.3	10.7	285	3.04	8.0	0.6	1.1	5.2	16	<0.1	0.5	0.1	56	0.15	0.026
1118310	Soil		1.2	30.0	12.1	52	0.2	21.4	10.7	231	3.13	10.6	1.1	2.7	4.8	14	<0.1	0.6	0.2	67	0.12	0.031
1118320	Soil		0.8	23.3	10.0	57	0.1	23.1	9.3	208	2.40	6.2	1.1	1.0	3.4	26	<0.1	0.4	0.2	46	0.32	0.069
1118319	Soil		0.9	21.2	10.9	73	<0.1	53.2	16.0	429	3.80	8.8	0.6	1.9	4.2	18	0.1	0.5	0.2	79	0.21	0.030
1118314	Soil		0.8	23.7	8.9	60	<0.1	22.8	12.8	335	3.42	8.2	0.8	<0.5	5.2	19	<0.1	0.5	0.1	69	0.19	0.043
1118303	Soil		0.8	19.0	11.0	57	<0.1	18.9	9.3	329	2.71	6.2	0.9	3.1	3.5	26	<0.1	0.5	0.2	52	0.30	0.032
1118308	Soil		0.7	27.3	7.4	57	<0.1	23.0	14.2	308	3.13	7.8	0.4	<0.5	3.1	20	<0.1	0.5	0.1	74	0.21	0.031
1118322	Soil		0.7	27.6	14.2	74	<0.1	23.4	18.1	536	3.91	5.4	0.7	1.4	5.7	16	<0.1	0.7	0.2	74	0.24	0.057
1118318	Soil		0.8	10.4	10.7	42	0.1	14.2	6.1	156	2.88	4.1	0.3	<0.5	2.4	15	<0.1	0.5	0.4	70	0.14	0.024
1118301	Soil		0.9	88.8	10.8	60	0.4	23.0	12.1	419	3.22	7.0	1.4	4.5	2.0	25	<0.1	0.6	0.2	63	0.33	0.055
1118307	Soil		0.4	88.4	4.1	137	<0.1	19.5	20.5	425	4.75	2.9	0.7	<0.5	4.2	49	<0.1	0.2	<0.1	101	0.69	0.178
1118265	Soil		0.5	71.5	6.4	93	<0.1	19.6	20.7	760	5.58	5.3	0.3	<0.5	3.8	26	<0.1	0.8	<0.1	123	0.25	0.034
1118274	Soil		0.7	25.3	10.6	72	<0.1	15.8	11.4	371	3.29	5.0	0.7	<0.5	5.0	23	<0.1	0.7	0.1	63	0.40	0.045

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1118819	Soil	6	22	0.65	388	0.140	<1	1.90	0.010	0.25	0.1	<0.01	3.6	0.1	<0.05	7	<0.5	<0.2
1118838	Soil	18	32	0.64	504	0.088	1	1.67	0.011	0.21	0.1	0.06	5.2	0.2	<0.05	5	<0.5	<0.2
1118812	Soil	5	8	0.48	139	0.055	2	1.27	0.020	0.09	<0.1	0.03	3.6	<0.1	<0.05	4	0.6	<0.2
1118814	Soil	7	21	1.14	360	0.138	<1	2.23	0.017	0.28	<0.1	0.03	7.2	<0.1	<0.05	7	<0.5	<0.2
1118816	Soil	7	28	1.54	616	0.146	<1	2.33	0.013	0.39	<0.1	<0.01	7.9	0.2	<0.05	8	<0.5	<0.2
1118835	Soil	10	30	1.03	450	0.111	<1	1.97	0.009	0.51	0.2	0.02	5.4	0.3	<0.05	6	<0.5	<0.2
1118813	Soil	7	21	1.13	251	0.128	1	2.20	0.013	0.23	<0.1	0.03	6.9	0.1	<0.05	7	<0.5	<0.2
1118815	Soil	8	30	0.99	281	0.087	<1	2.29	0.018	0.17	0.1	0.02	5.7	<0.1	<0.05	6	<0.5	<0.2
1118840	Soil	7	25	1.27	702	0.181	<1	2.07	0.011	0.67	0.1	<0.01	3.5	0.3	<0.05	6	<0.5	<0.2
1118833	Soil	13	34	0.71	427	0.091	<1	1.60	0.009	0.20	0.1	0.02	4.4	0.2	<0.05	5	<0.5	<0.2
1118834	Soil	13	37	0.75	391	0.095	<1	1.77	0.010	0.18	0.1	0.02	4.2	0.1	<0.05	5	<0.5	<0.2
1118809	Soil	11	28	0.68	269	0.060	<1	1.70	0.012	0.09	0.1	0.04	5.6	<0.1	0.06	5	<0.5	<0.2
1118836	Soil	15	35	0.78	465	0.107	2	1.77	0.019	0.20	0.2	0.05	5.4	0.1	<0.05	6	<0.5	<0.2
1118832	Soil	11	37	0.82	482	0.100	<1	1.60	0.012	0.36	0.2	0.02	5.2	0.1	<0.05	5	<0.5	<0.2
1118841	Soil	4	31	1.35	395	0.199	<1	2.18	0.011	0.70	0.2	0.01	3.6	0.3	<0.05	8	<0.5	<0.2
1118811	Soil	7	27	0.77	207	0.080	<1	2.12	0.020	0.05	0.1	0.02	4.0	<0.1	<0.05	6	<0.5	<0.2
1118305	Soil	8	35	0.70	283	0.035	<1	2.15	0.009	0.12	0.1	0.03	5.5	<0.1	<0.05	8	<0.5	<0.2
1118317	Soil	11	35	0.68	247	0.076	<1	2.13	0.008	0.10	0.1	0.03	2.6	0.1	<0.05	6	<0.5	<0.2
1118310	Soil	13	38	0.48	331	0.066	<1	2.53	0.010	0.06	0.2	0.05	5.2	0.1	<0.05	6	<0.5	<0.2
1118320	Soil	19	37	0.56	297	0.057	1	1.58	0.010	0.06	0.2	0.06	3.5	<0.1	<0.05	5	<0.5	<0.2
1118319	Soil	11	125	1.24	204	0.146	1	2.35	0.010	0.12	0.2	0.03	4.1	0.1	<0.05	8	<0.5	<0.2
1118314	Soil	14	34	0.78	357	0.102	1	2.19	0.010	0.17	0.1	0.03	3.6	0.1	<0.05	7	<0.5	<0.2
1118303	Soil	15	27	0.48	761	0.043	<1	1.51	0.012	0.08	0.1	0.01	4.7	<0.1	<0.05	5	<0.5	<0.2
1118308	Soil	10	31	0.82	282	0.113	<1	1.99	0.010	0.08	0.1	<0.01	3.0	0.1	<0.05	6	<0.5	<0.2
1118322	Soil	17	42	0.79	263	0.079	<1	2.00	0.010	0.19	0.1	<0.01	4.3	0.1	<0.05	6	<0.5	<0.2
1118318	Soil	7	31	0.37	198	0.101	<1	1.47	0.011	0.06	<0.1	0.02	2.0	<0.1	<0.05	9	<0.5	<0.2
1118301	Soil	32	42	0.60	1001	0.034	<1	1.99	0.010	0.11	<0.1	0.04	15.7	0.1	<0.05	6	0.5	<0.2
1118307	Soil	11	41	1.70	737	0.192	<1	2.76	0.009	0.36	<0.1	<0.01	4.0	0.1	<0.05	12	<0.5	<0.2
1118265	Soil	4	72	1.85	297	0.289	<1	3.23	0.015	0.26	0.1	0.01	6.1	0.1	<0.05	10	<0.5	<0.2
1118274	Soil	15	26	0.74	465	0.132	<1	1.92	0.012	0.28	0.1	0.02	3.8	0.1	<0.05	6	<0.5	<0.2

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

Project: CHA
Report Date: August 17, 2011

CERTIFICATE OF ANALYSIS DAW11000098.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1118263	Soil	0.7	42.3	7.3	80	<0.1	25.8	15.4	487	3.48	5.8	0.5	1.5	3.7	24	0.1	0.4	<0.1	76	0.35	0.064
1118270	Soil	0.8	33.6	10.7	72	<0.1	22.5	14.4	464	3.49	5.9	0.6	<0.5	3.8	23	<0.1	0.4	0.1	72	0.31	0.036
1117900	Soil	0.6	9.5	3.8	13	0.2	3.3	1.7	38	0.73	<0.5	0.3	<0.5	<0.1	8	0.1	0.1	<0.1	20	0.04	0.072
1118342	Soil	0.9	14.8	11.6	51	<0.1	14.6	7.2	259	2.54	8.3	0.5	2.0	2.0	12	<0.1	0.4	0.2	52	0.13	0.039
1118336	Soil	0.7	11.8	14.0	36	0.1	6.0	3.4	135	1.79	3.6	0.4	0.7	1.5	11	0.1	0.4	0.2	39	0.08	0.031
1118344	Soil	0.8	28.7	10.7	48	0.2	13.1	6.8	196	2.43	5.5	0.6	3.2	1.3	15	0.1	0.3	0.5	54	0.18	0.042
1117894	Soil	1.6	23.5	6.0	29	0.5	9.6	22.5	1433	2.05	5.0	1.3	2.5	1.0	36	0.2	0.4	0.2	30	0.42	0.070
1117891	Soil	0.6	20.0	10.2	53	0.2	13.4	5.5	144	2.20	6.1	0.9	7.5	1.5	15	0.1	0.5	0.4	47	0.16	0.054
1117889	Soil	0.2	23.1	5.5	42	<0.1	8.8	12.8	467	4.09	2.4	0.7	1.2	7.2	12	<0.1	0.3	0.3	95	0.22	0.087
1118339	Soil	0.8	17.2	11.2	71	0.1	13.8	9.3	491	3.25	7.1	0.7	1.5	3.9	14	0.2	0.4	0.2	48	0.16	0.048
1117892	Soil	0.8	17.5	11.4	50	0.3	12.1	8.5	338	2.39	4.9	0.8	5.3	1.5	28	<0.1	0.3	0.3	54	0.30	0.053
1117893	Soil	0.8	26.8	11.2	50	0.1	10.2	12.9	735	2.90	10.1	0.7	3.1	4.6	21	0.1	0.4	0.5	60	0.26	0.047
1118337	Soil	1.0	29.2	19.7	57	0.5	11.4	6.8	256	2.73	6.1	1.1	2.8	2.0	18	1.0	0.4	0.2	47	0.14	0.060
1118345	Soil	0.5	12.0	7.2	42	<0.1	9.7	6.0	236	1.98	4.4	0.4	3.5	2.5	13	<0.1	0.4	0.1	33	0.16	0.046
1117890	Soil	0.3	25.4	6.3	39	<0.1	8.4	11.4	413	3.62	3.2	0.6	0.9	6.2	10	0.1	0.3	0.3	86	0.17	0.076
1118338	Soil	0.9	14.7	11.9	57	0.1	11.6	6.4	317	2.63	5.9	0.5	1.2	2.3	12	0.2	0.5	0.2	46	0.14	0.038
1118343	Soil	0.6	18.2	10.6	43	0.1	13.6	6.9	241	2.15	6.3	0.8	7.2	2.3	15	<0.1	0.4	0.2	41	0.20	0.048
1118347	Soil	0.6	19.6	9.9	54	0.1	14.4	7.3	226	2.40	7.1	0.7	2.3	2.1	15	0.2	0.5	0.2	46	0.17	0.041
1118417	Soil	0.7	20.9	20.8	81	0.2	16.2	7.9	286	2.69	11.6	1.1	2.4	3.3	15	0.2	0.6	0.3	56	0.21	0.070
1118414	Soil	0.7	25.2	8.3	60	0.1	12.6	8.0	255	2.70	4.2	0.9	4.0	1.7	12	0.1	0.3	0.2	60	0.16	0.051
1118430	Soil	0.6	14.6	10.4	81	0.1	17.1	10.4	317	2.67	4.4	0.7	2.0	2.7	24	0.2	0.3	0.3	57	0.33	0.049
1118431	Soil	1.0	22.5	11.2	76	0.2	17.8	11.5	309	3.01	5.6	0.8	2.1	2.7	22	0.2	0.4	0.3	72	0.34	0.045
1118420	Soil	0.9	32.8	25.4	98	0.2	23.7	14.2	489	3.70	7.5	1.4	3.0	10.9	18	0.3	0.6	0.4	53	0.30	0.072
1118421	Soil	0.8	30.3	16.3	75	0.2	20.8	14.2	601	3.38	4.7	1.2	<0.5	7.0	15	0.2	0.3	0.5	58	0.20	0.065
1118432	Soil	1.1	44.5	10.6	90	0.1	22.9	16.2	643	3.75	5.5	0.5	2.6	2.9	19	0.2	0.4	0.3	92	0.29	0.055
1118428	Soil	0.6	26.7	7.8	101	<0.1	19.9	19.7	739	4.26	4.6	0.7	1.6	3.8	21	0.2	0.6	0.2	92	0.34	0.065
1118416	Soil	0.8	26.7	16.6	95	<0.1	21.0	11.9	381	3.30	10.1	0.7	2.1	6.2	13	0.1	0.5	0.2	60	0.20	0.073
1118424	Soil	0.9	27.1	13.2	80	0.1	16.7	12.6	381	3.49	4.6	0.8	4.6	3.4	18	0.2	0.3	0.4	83	0.26	0.057
1118429	Soil	1.0	29.5	10.0	95	0.1	21.3	14.9	504	3.65	5.5	0.7	5.5	3.3	23	0.2	0.5	0.3	80	0.37	0.060
1118426	Soil	0.9	24.9	12.8	84	0.2	19.2	12.5	407	3.35	6.4	0.9	1.3	3.3	18	0.2	0.3	0.2	81	0.23	0.045

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Project: CHA
Report Date: August 17, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1118263	Soil		10	55	1.21	324	0.188	<1	2.26	0.017	0.21	0.1	0.01	3.0	0.1	<0.05	7	<0.5	<0.2
1118270	Soil		11	44	0.93	335	0.130	<1	2.19	0.014	0.12	<0.1	<0.01	4.4	<0.1	<0.05	6	<0.5	<0.2
1117900	Soil		3	10	0.06	42	0.030	<1	0.42	0.017	0.04	<0.1	0.05	0.7	<0.1	0.06	2	<0.5	<0.2
1118342	Soil		10	24	0.45	123	0.068	<1	1.65	0.008	0.07	0.1	0.01	2.8	0.1	<0.05	6	<0.5	<0.2
1118336	Soil		6	12	0.33	73	0.087	<1	1.01	0.007	0.18	0.1	0.05	2.8	0.1	<0.05	7	<0.5	<0.2
1118344	Soil		9	23	0.55	160	0.068	<1	1.61	0.010	0.12	0.1	0.02	3.1	0.1	<0.05	5	<0.5	<0.2
1117894	Soil		9	14	0.26	191	0.039	<1	0.86	0.021	0.06	<0.1	0.07	3.9	0.2	0.10	2	1.1	<0.2
1117891	Soil		11	25	0.54	205	0.053	<1	1.96	0.009	0.18	0.1	0.05	4.6	0.2	<0.05	6	<0.5	<0.2
1117889	Soil		18	25	1.20	248	0.200	<1	2.03	0.007	1.17	<0.1	<0.01	10.9	0.6	<0.05	8	<0.5	<0.2
1118339	Soil		12	21	0.67	132	0.107	<1	1.96	0.010	0.32	0.1	0.02	4.8	0.2	<0.05	7	<0.5	<0.2
1117892	Soil		9	22	0.58	245	0.057	<1	1.63	0.011	0.12	0.2	0.05	4.2	0.2	<0.05	6	<0.5	<0.2
1117893	Soil		10	20	0.71	201	0.081	<1	1.71	0.011	0.25	<0.1	0.02	3.5	0.2	<0.05	6	<0.5	<0.2
1118337	Soil		21	18	0.45	224	0.077	<1	1.71	0.013	0.17	0.2	0.09	4.0	0.1	<0.05	6	0.6	<0.2
1118345	Soil		9	15	0.41	124	0.066	<1	1.10	0.011	0.11	0.2	0.02	3.0	0.1	<0.05	4	<0.5	<0.2
1117890	Soil		16	23	1.01	205	0.177	<1	1.90	0.006	0.89	<0.1	<0.01	9.1	0.5	<0.05	7	<0.5	<0.2
1118338	Soil		10	18	0.51	109	0.098	<1	1.44	0.009	0.20	0.2	0.03	3.7	0.2	<0.05	6	<0.5	<0.2
1118343	Soil		11	22	0.44	154	0.059	<1	1.38	0.008	0.08	0.2	0.02	3.6	<0.1	<0.05	4	<0.5	<0.2
1118347	Soil		11	23	0.50	218	0.055	<1	1.73	0.010	0.07	0.2	0.03	3.7	<0.1	<0.05	5	<0.5	<0.2
1118417	Soil		21	33	0.56	207	0.046	1	1.49	0.007	0.16	0.1	0.04	3.3	0.2	0.09	6	<0.5	<0.2
1118414	Soil		11	25	0.64	347	0.099	<1	1.81	0.009	0.15	0.1	0.03	3.4	0.1	<0.05	7	<0.5	<0.2
1118430	Soil		14	35	0.75	353	0.080	2	1.61	0.008	0.12	0.2	0.04	3.2	0.1	<0.05	6	<0.5	<0.2
1118431	Soil		13	38	0.78	365	0.090	<1	1.68	0.009	0.15	0.2	0.04	3.6	0.1	<0.05	6	<0.5	<0.2
1118420	Soil		37	42	0.79	264	0.078	<1	1.75	0.006	0.25	0.1	0.02	4.9	0.2	<0.05	6	<0.5	<0.2
1118421	Soil		31	40	0.83	264	0.098	<1	1.71	0.008	0.30	<0.1	0.03	4.4	0.3	<0.05	7	<0.5	<0.2
1118432	Soil		10	57	1.26	435	0.148	1	2.17	0.013	0.39	0.2	0.01	4.4	0.2	<0.05	7	<0.5	<0.2
1118428	Soil		11	46	1.47	630	0.120	<1	2.30	0.010	0.50	0.1	0.01	6.3	0.3	<0.05	8	<0.5	<0.2
1118416	Soil		23	36	0.75	345	0.123	1	1.82	0.008	0.27	0.1	0.02	3.7	0.2	<0.05	7	<0.5	<0.2
1118424	Soil		15	43	0.99	448	0.081	<1	1.95	0.009	0.27	0.1	0.01	6.0	0.1	<0.05	7	<0.5	<0.2
1118429	Soil		12	48	1.05	392	0.097	<1	1.82	0.009	0.27	0.2	0.03	4.7	0.2	<0.05	6	<0.5	<0.2
1118426	Soil		15	45	0.89	357	0.098	<1	1.96	0.010	0.18	0.1	0.02	4.7	0.2	<0.05	7	0.7	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1118419	Soil	0.7	38.0	19.6	124	0.1	27.2	13.8	458	3.95	6.2	1.2	1.6	14.3	14	0.3	0.6	0.3	46	0.26	0.081
1118402	Soil	0.4	40.0	19.3	96	<0.1	22.3	14.4	664	3.74	4.9	1.4	1.0	14.3	15	0.2	0.3	0.4	51	0.21	0.078
1118427	Soil	0.7	21.0	13.4	86	0.2	20.5	12.0	264	3.21	5.4	1.0	3.2	3.1	21	0.2	0.4	0.2	73	0.28	0.050
1118425	Soil	0.9	22.1	12.0	78	<0.1	20.8	12.9	371	3.63	7.9	0.5	1.0	5.8	20	<0.1	0.9	0.1	62	0.25	0.026
1118022	Soil	1.3	27.3	14.6	93	0.2	20.5	14.5	507	3.94	7.9	0.9	2.7	4.4	18	0.2	0.4	0.3	90	0.25	0.053
1118026	Soil	0.7	20.5	8.1	66	<0.1	16.0	10.0	316	3.21	6.4	0.4	0.7	3.1	17	<0.1	0.6	0.1	57	0.27	0.019
1118011	Soil	0.9	17.8	10.7	52	<0.1	17.7	9.1	247	2.89	5.9	0.5	2.4	3.0	24	<0.1	0.4	0.1	68	0.36	0.022
1118019	Soil	0.7	22.9	10.5	51	0.1	16.4	7.5	209	2.39	5.8	0.8	2.5	1.6	30	<0.1	0.4	0.2	50	0.35	0.052
1118029	Soil	0.8	24.4	9.2	72	<0.1	19.3	14.1	417	3.33	5.6	0.4	1.4	4.0	19	0.1	0.4	0.1	67	0.23	0.023
1118031	Soil	0.7	28.6	10.1	60	<0.1	14.6	14.0	468	3.52	3.4	1.6	1.2	11.1	19	<0.1	0.5	<0.1	65	0.26	0.037
1118015	Soil	1.3	15.5	12.5	55	<0.1	14.4	8.3	244	3.10	6.0	0.3	0.9	2.4	18	<0.1	0.6	0.1	82	0.23	0.017
1118017	Soil	0.9	25.1	13.4	70	0.1	20.1	13.9	478	3.22	6.5	0.8	2.0	3.6	29	<0.1	0.6	0.1	67	0.41	0.047
1118027	Soil	0.7	26.5	8.1	77	<0.1	16.7	13.5	446	3.49	4.6	1.0	0.7	5.1	25	<0.1	0.5	0.1	64	0.37	0.045
1118014	Soil	1.3	32.7	11.2	74	<0.1	23.1	15.0	438	4.01	5.9	0.4	0.9	3.1	18	0.2	0.8	0.1	74	0.28	0.024
1118013	Soil	1.2	32.7	11.4	77	<0.1	21.4	15.8	443	3.91	4.8	0.4	<0.5	2.8	17	<0.1	0.6	0.1	90	0.29	0.033
1118020	Soil	1.5	16.0	12.2	63	<0.1	14.7	9.2	396	3.24	6.1	0.4	<0.5	3.3	15	0.1	0.7	0.2	73	0.18	0.023
1118023	Soil	0.9	29.9	12.2	69	<0.1	21.5	11.9	446	3.36	6.8	0.9	3.4	5.6	26	<0.1	0.7	0.2	62	0.44	0.031
1118018	Soil	1.1	32.4	15.1	70	0.2	24.7	12.4	497	3.02	5.9	1.2	4.0	3.4	37	0.1	0.7	0.1	63	0.50	0.047
1118012	Soil	1.0	23.1	9.8	72	0.1	17.1	11.6	481	3.08	4.9	0.7	1.3	3.7	36	<0.1	0.6	0.1	59	0.54	0.045
1118016	Soil	0.8	26.9	10.8	54	<0.1	21.7	14.2	506	3.02	5.4	0.6	1.1	3.0	33	<0.1	0.4	0.2	65	0.56	0.036
1118422	Soil	0.9	49.0	14.5	95	0.5	20.4	11.3	364	3.01	4.2	1.1	7.2	4.2	20	0.3	0.3	0.3	68	0.30	0.051
1118418	Soil	0.8	20.8	23.2	70	0.1	17.0	18.5	1276	3.25	7.2	1.2	<0.5	8.8	11	<0.1	0.3	0.2	51	0.12	0.055
1118423	Soil	0.7	38.4	9.0	95	0.1	20.9	17.2	678	4.70	3.9	1.3	<0.5	5.3	15	0.2	0.5	0.3	89	0.27	0.060
1118415	Soil	0.7	25.0	10.8	81	0.1	15.4	10.7	373	3.17	7.3	0.7	3.0	2.7	11	0.1	0.3	0.2	59	0.16	0.055
1118413	Soil	0.6	17.4	6.6	58	<0.1	13.1	9.0	299	2.67	3.8	0.7	1.4	2.6	12	0.1	0.3	0.2	57	0.18	0.055

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Project: CHA
Report Date: August 17, 2011

CERTIFICATE OF ANALYSIS DAW11000098.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1118419	Soil		48	33	0.86	327	0.090	<1	1.72	0.007	0.45	<0.1	0.01	4.7	0.3	<0.05	6	<0.5	<0.2
1118402	Soil		55	30	0.89	297	0.168	<1	2.18	0.009	0.85	<0.1	<0.01	3.8	0.4	<0.05	8	<0.5	<0.2
1118427	Soil		16	42	0.93	415	0.082	1	2.21	0.010	0.15	0.2	0.05	5.8	0.1	<0.05	7	0.6	<0.2
1118425	Soil		16	34	0.67	471	0.063	<1	2.31	0.008	0.07	0.2	<0.01	3.5	<0.1	<0.05	6	<0.5	<0.2
1118022	Soil		17	49	1.15	369	0.114	<1	2.34	0.010	0.22	0.1	0.02	5.4	0.2	<0.05	8	<0.5	<0.2
1118026	Soil		9	29	0.70	208	0.103	<1	1.84	0.008	0.08	0.1	<0.01	2.2	<0.1	<0.05	5	<0.5	<0.2
1118011	Soil		11	31	0.46	398	0.034	<1	1.38	0.009	0.07	0.1	0.01	4.1	<0.1	<0.05	5	<0.5	<0.2
1118019	Soil		11	30	0.43	414	0.045	<1	1.67	0.010	0.06	0.1	0.06	3.2	<0.1	<0.05	6	<0.5	<0.2
1118029	Soil		10	41	1.01	199	0.148	<1	2.23	0.009	0.14	0.1	<0.01	2.9	0.1	<0.05	6	<0.5	<0.2
1118031	Soil		36	35	0.87	364	0.105	<1	1.89	0.016	0.16	0.1	0.02	6.6	<0.1	<0.05	6	<0.5	<0.2
1118015	Soil		10	29	0.53	244	0.086	<1	1.58	0.008	0.10	0.1	0.01	3.4	<0.1	<0.05	7	<0.5	<0.2
1118017	Soil		15	34	0.70	604	0.055	1	2.03	0.012	0.08	0.2	0.02	5.2	<0.1	<0.05	6	<0.5	<0.2
1118027	Soil		17	36	1.02	472	0.167	<1	2.00	0.010	0.28	0.1	0.01	3.0	0.1	<0.05	6	<0.5	<0.2
1118014	Soil		10	39	0.66	427	0.029	<1	1.88	0.009	0.09	0.1	<0.01	6.3	<0.1	<0.05	5	<0.5	<0.2
1118013	Soil		8	53	1.03	295	0.066	<1	2.22	0.011	0.16	<0.1	<0.01	6.1	<0.1	<0.05	7	<0.5	<0.2
1118020	Soil		9	29	0.57	223	0.074	<1	1.85	0.007	0.07	0.2	<0.01	3.1	<0.1	<0.05	7	<0.5	<0.2
1118023	Soil		25	35	0.71	595	0.071	<1	2.16	0.011	0.07	0.1	0.04	4.8	0.1	<0.05	6	<0.5	<0.2
1118018	Soil		16	37	0.61	638	0.056	<1	1.91	0.011	0.08	0.2	0.04	5.5	<0.1	<0.05	5	<0.5	<0.2
1118012	Soil		13	31	0.68	622	0.066	<1	1.88	0.012	0.11	0.1	0.02	4.9	<0.1	<0.05	6	<0.5	<0.2
1118016	Soil		10	38	0.55	541	0.023	<1	1.58	0.010	0.08	0.3	0.01	5.5	<0.1	<0.05	5	<0.5	<0.2
1118422	Soil		17	42	1.06	595	0.096	<1	1.99	0.008	0.30	0.1	0.05	6.0	0.2	<0.05	7	<0.5	<0.2
1118418	Soil		32	27	0.56	135	0.073	<1	1.44	0.007	0.29	<0.1	0.02	2.8	0.2	<0.05	6	<0.5	<0.2
1118423	Soil		14	46	1.37	522	0.061	<1	2.21	0.009	0.35	<0.1	<0.01	11.4	0.2	<0.05	7	<0.5	<0.2
1118415	Soil		12	30	0.81	385	0.114	2	1.92	0.009	0.25	0.1	0.03	3.8	0.1	<0.05	7	<0.5	<0.2
1118413	Soil		12	23	0.68	275	0.114	<1	1.65	0.012	0.21	0.2	0.02	3.6	0.1	<0.05	6	<0.5	<0.2

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Project: CHA
Report Date: August 17, 2011

QUALITY CONTROL REPORT DAW11000098.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																						
1118892	Soil		0.5	32.5	5.9	48	<0.1	17.3	10.2	249	2.49	4.3	0.3	1.2	2.1	16	<0.1	0.4	<0.1	59	0.18	0.026
REP 1118892	QC		0.6	32.3	5.9	49	<0.1	16.1	9.9	247	2.53	4.3	0.3	1.3	2.2	16	<0.1	0.4	<0.1	60	0.18	0.026
1118216	Soil		0.7	11.4	10.4	46	<0.1	12.0	7.1	243	2.63	6.7	0.7	<0.5	5.2	11	<0.1	0.6	0.2	50	0.11	0.020
REP 1118216	QC		0.7	12.2	10.7	47	<0.1	12.6	7.4	262	2.76	6.8	0.7	<0.5	5.3	13	<0.1	0.7	0.2	52	0.12	0.024
1118224	Soil		0.3	135.3	3.8	56	0.2	10.4	56.9	574	7.74	4.2	0.5	1.6	0.5	295	0.1	0.2	<0.1	171	4.22	1.643
REP 1118224	QC		0.2	132.2	4.0	57	0.2	9.8	54.6	570	7.02	3.8	0.5	1.9	0.5	298	0.2	0.1	<0.1	173	4.13	1.690
1118218	Soil		0.4	103.4	4.2	49	<0.1	2.9	47.3	487	7.60	3.8	0.6	0.9	0.6	133	<0.1	0.3	<0.1	222	2.89	1.050
REP 1118218	QC		0.3	100.6	4.2	49	<0.1	2.8	44.5	466	7.13	3.8	0.6	<0.5	0.5	127	<0.1	0.3	<0.1	231	2.79	1.029
1118068	Soil		0.9	22.6	8.1	71	0.1	16.1	11.5	368	2.82	6.8	0.6	2.1	2.6	18	0.1	0.4	0.2	69	0.24	0.038
REP 1118068	QC		0.8	21.8	7.9	70	0.1	16.3	10.9	346	2.72	6.1	0.6	1.8	2.5	18	0.2	0.4	0.2	64	0.25	0.040
1118064	Soil		0.6	27.6	7.0	54	0.1	12.7	7.9	186	2.34	3.5	0.4	9.1	1.9	16	<0.1	0.5	0.1	60	0.21	0.035
REP 1118064	QC		0.7	27.1	7.0	57	0.1	13.4	8.4	186	2.39	3.3	0.5	4.4	1.9	15	<0.1	0.4	0.2	62	0.21	0.038
1118052	Soil		0.4	21.4	13.8	88	<0.1	20.1	15.9	394	3.48	6.5	0.7	1.7	5.1	19	0.2	0.6	0.2	71	0.36	0.038
REP 1118052	QC		0.3	21.4	14.1	91	<0.1	19.6	15.9	401	3.49	7.2	0.8	2.7	5.4	20	0.2	0.6	0.2	73	0.38	0.040
1119665	Soil		0.4	8.9	9.0	65	<0.1	11.7	5.3	157	1.99	2.6	0.5	1.9	2.3	30	0.1	0.2	0.2	51	0.35	0.039
REP 1119665	QC		0.4	8.8	8.8	65	<0.1	12.1	5.2	155	1.98	2.7	0.5	4.7	2.3	31	<0.1	0.2	0.2	52	0.35	0.037
1118406	Soil		0.5	27.3	8.0	83	<0.1	15.5	12.7	388	3.40	2.0	0.8	<0.5	6.6	12	0.1	0.2	0.2	65	0.24	0.049
REP 1118406	QC		0.5	27.5	7.8	84	<0.1	15.7	12.6	388	3.45	1.9	0.8	0.6	6.5	12	0.1	0.3	0.2	67	0.25	0.050
1118005	Soil		1.1	28.9	13.8	73	<0.1	22.1	14.9	571	3.83	6.9	1.1	1.1	8.1	16	<0.1	0.8	0.2	57	0.14	0.026
REP 1118005	QC		1.0	28.4	13.5	70	<0.1	22.0	15.2	565	3.82	6.9	1.1	1.3	8.1	17	<0.1	0.8	0.2	58	0.16	0.027
1118001	Soil		1.2	25.3	12.0	62	<0.1	27.1	12.2	382	3.06	6.2	0.8	1.7	3.7	17	0.1	0.4	0.2	67	0.18	0.049
REP 1118001	QC		1.1	26.1	12.2	64	<0.1	28.3	12.7	406	3.32	6.4	0.8	0.8	3.6	17	0.1	0.4	0.2	69	0.20	0.048
1118327	Soil		0.8	15.6	10.7	58	<0.1	13.3	8.6	308	2.66	4.6	0.6	1.5	3.1	18	<0.1	0.5	0.2	53	0.25	0.046
REP 1118327	QC		0.8	15.7	10.7	59	<0.1	13.1	8.5	307	2.66	4.7	0.7	1.3	3.2	19	<0.1	0.5	0.1	52	0.25	0.044
1118316	Soil		0.7	38.7	6.3	91	<0.1	33.2	15.8	507	4.18	7.2	0.5	1.8	3.1	29	<0.1	0.4	0.2	91	0.32	0.078
REP 1118316	QC		0.7	36.9	5.8	88	<0.1	32.1	15.4	489	3.99	6.9	0.4	2.2	2.8	27	<0.1	0.4	0.1	85	0.31	0.076
1118819	Soil		0.9	14.1	9.0	109	<0.1	11.3	11.6	238	3.32	5.7	0.4	2.0	2.2	13	0.5	0.3	0.1	67	0.19	0.030
REP 1118819	QC		0.9	14.1	9.4	105	<0.1	10.8	11.3	237	3.26	5.7	0.4	1.6	2.2	14	0.4	0.3	0.1	71	0.18	0.030

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Project: CHA
Report Date: August 17, 2011

QUALITY CONTROL REPORT DAW11000098.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1118892	Soil	7	45	0.79	146	0.107	1	1.46	0.022	0.07	0.2	<0.01	2.1	<0.1	<0.05	4	<0.5	<0.2
REP 1118892	QC	7	45	0.78	148	0.108	<1	1.48	0.008	0.07	0.1	<0.01	2.1	<0.1	<0.05	4	<0.5	<0.2
1118216	Soil	13	22	0.38	441	0.046	1	1.72	0.006	0.11	0.2	0.02	2.8	0.1	<0.05	5	<0.5	<0.2
REP 1118216	QC	13	22	0.40	462	0.048	<1	1.83	0.007	0.12	0.1	0.02	3.0	0.1	<0.05	5	0.8	<0.2
1118224	Soil	4	12	1.58	618	0.044	2	1.95	0.116	0.36	<0.1	0.02	9.8	0.2	0.06	7	1.0	0.2
REP 1118224	QC	4	12	1.61	619	0.044	1	2.00	0.115	0.37	<0.1	0.02	9.6	0.2	<0.05	7	1.4	<0.2
1118218	Soil	4	4	1.70	398	0.063	<1	2.42	0.113	0.28	<0.1	<0.01	10.5	0.2	<0.05	8	0.8	<0.2
REP 1118218	QC	4	4	1.79	415	0.063	<1	2.53	0.112	0.27	<0.1	<0.01	10.1	0.2	<0.05	8	0.8	<0.2
1118068	Soil	10	37	0.76	333	0.093	<1	1.79	0.010	0.11	0.2	0.02	3.7	<0.1	<0.05	5	<0.5	<0.2
REP 1118068	QC	9	35	0.74	318	0.089	1	1.78	0.009	0.12	0.2	0.02	3.5	<0.1	<0.05	5	<0.5	<0.2
1118064	Soil	8	31	0.63	281	0.079	<1	1.64	0.010	0.14	0.2	0.02	3.4	<0.1	<0.05	5	<0.5	<0.2
REP 1118064	QC	8	33	0.64	290	0.079	<1	1.65	0.010	0.14	0.2	0.02	3.3	<0.1	<0.05	5	0.6	<0.2
1118052	Soil	15	39	0.97	510	0.092	1	1.92	0.011	0.14	0.2	0.04	4.4	0.1	<0.05	6	<0.5	<0.2
REP 1118052	QC	16	40	1.00	509	0.100	1	2.01	0.011	0.15	0.2	0.03	4.5	0.1	<0.05	6	<0.5	<0.2
1119665	Soil	9	26	0.66	142	0.088	2	1.55	0.013	0.09	0.1	0.04	4.3	0.1	0.06	6	<0.5	<0.2
REP 1119665	QC	9	26	0.66	141	0.092	1	1.56	0.014	0.09	0.2	0.04	4.2	0.2	0.05	6	<0.5	<0.2
1118406	Soil	19	25	1.02	622	0.174	3	2.00	0.015	0.56	0.1	0.02	4.0	0.2	<0.05	7	<0.5	<0.2
REP 1118406	QC	19	25	0.99	612	0.180	1	1.94	0.014	0.59	<0.1	<0.01	4.2	0.2	<0.05	8	<0.5	<0.2
1118005	Soil	21	47	0.66	586	0.043	2	1.71	0.009	0.14	<0.1	0.02	7.2	0.1	<0.05	5	<0.5	<0.2
REP 1118005	QC	20	49	0.66	591	0.047	2	1.73	0.009	0.14	<0.1	0.01	7.5	0.1	<0.05	5	<0.5	<0.2
1118001	Soil	16	61	0.84	218	0.097	<1	1.83	0.010	0.18	<0.1	0.02	3.3	0.1	<0.05	6	<0.5	<0.2
REP 1118001	QC	16	63	0.84	220	0.102	<1	1.83	0.011	0.19	<0.1	0.02	3.4	0.1	<0.05	7	<0.5	<0.2
1118327	Soil	13	27	0.59	261	0.066	<1	1.64	0.009	0.08	0.1	0.01	3.0	<0.1	<0.05	6	<0.5	<0.2
REP 1118327	QC	13	28	0.56	259	0.070	<1	1.55	0.009	0.08	0.1	0.02	3.1	<0.1	<0.05	6	<0.5	<0.2
1118316	Soil	8	87	1.54	489	0.205	<1	2.55	0.009	0.35	0.1	0.02	3.2	0.2	<0.05	8	<0.5	<0.2
REP 1118316	QC	7	81	1.40	463	0.193	1	2.34	0.009	0.32	<0.1	<0.01	2.9	0.2	<0.05	8	<0.5	<0.2
1118819	Soil	6	22	0.65	388	0.140	<1	1.90	0.010	0.25	0.1	<0.01	3.6	0.1	<0.05	7	<0.5	<0.2
REP 1118819	QC	6	22	0.69	382	0.141	<1	1.95	0.011	0.23	0.1	<0.01	3.7	0.1	<0.05	7	<0.5	<0.2

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

Project: CHA
Report Date: August 17, 2011

QUALITY CONTROL REPORT DAW11000098.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1118322	Soil	0.7	27.6	14.2	74	<0.1	23.4	18.1	536	3.91	5.4	0.7	1.4	5.7	16	<0.1	0.7	0.2	74	0.24	0.057
REP 1118322	QC	0.7	26.8	13.8	72	<0.1	21.2	17.3	510	3.81	5.1	0.7	<0.5	5.5	16	<0.1	0.7	0.2	70	0.22	0.056
1118338	Soil	0.9	14.7	11.9	57	0.1	11.6	6.4	317	2.63	5.9	0.5	1.2	2.3	12	0.2	0.5	0.2	46	0.14	0.038
REP 1118338	QC	0.7	14.7	11.6	57	0.1	11.6	6.6	315	2.63	5.5	0.4	2.3	2.2	12	0.3	0.5	0.2	46	0.14	0.038
1118402	Soil	0.4	40.0	19.3	96	<0.1	22.3	14.4	664	3.74	4.9	1.4	1.0	14.3	15	0.2	0.3	0.4	51	0.21	0.078
REP 1118402	QC	0.4	42.9	20.9	105	<0.1	22.0	14.8	727	3.95	5.0	1.4	0.6	15.2	16	0.2	0.4	0.4	53	0.23	0.083
1118029	Soil	0.8	24.4	9.2	72	<0.1	19.3	14.1	417	3.33	5.6	0.4	1.4	4.0	19	0.1	0.4	0.1	67	0.23	0.023
REP 1118029	QC	0.8	23.4	9.1	70	<0.1	19.5	14.2	405	3.24	4.9	0.4	0.7	3.9	18	0.1	0.4	<0.1	69	0.22	0.025
1118415	Soil	0.7	25.0	10.8	81	0.1	15.4	10.7	373	3.17	7.3	0.7	3.0	2.7	11	0.1	0.3	0.2	59	0.16	0.055
REP 1118415	QC	0.8	24.8	10.4	80	0.1	15.1	10.2	377	3.09	7.5	0.7	1.4	2.7	10	0.2	0.3	0.1	62	0.16	0.053
Reference Materials																					
STD DS8	Standard	11.7	96.6	109.8	275	1.6	34.3	6.8	533	2.17	21.7	2.3	99.5	5.8	56	1.8	4.9	5.9	38	0.59	0.070
STD DS8	Standard	12.4	101.4	108.3	279	1.7	34.9	7.2	573	2.29	24.6	2.3	98.3	5.8	63	2.2	5.0	5.7	40	0.67	0.073
STD DS8	Standard	13.7	108.8	125.0	299	1.8	39.8	7.8	598	2.55	25.7	2.6	110.9	6.9	65	2.3	5.3	6.5	40	0.64	0.079
STD DS8	Standard	13.4	111.2	107.3	315	1.7	38.6	7.8	623	2.47	26.1	2.3	110.4	6.0	61	2.2	5.0	5.9	43	0.70	0.074
STD DS8	Standard	14.4	124.1	119.2	327	2.0	40.8	7.5	626	2.52	26.9	2.6	106.6	6.4	65	2.4	5.5	6.1	47	0.69	0.087
STD DS8	Standard	13.9	120.8	131.0	330	1.9	40.2	8.1	645	2.57	27.4	3.0	148.4	7.1	73	2.5	5.9	7.2	46	0.74	0.088
STD DS8	Standard	13.1	111.6	124.9	321	1.9	37.3	7.5	605	2.46	26.2	2.9	110.2	6.6	67	2.2	5.5	6.9	41	0.69	0.088
STD DS8	Standard	12.3	104.8	123.7	295	1.6	36.2	7.4	577	2.34	26.0	2.6	109.3	6.4	62	2.2	5.2	5.8	40	0.65	0.075
STD DS8	Standard	13.6	110.5	125.4	317	1.7	38.1	7.7	604	2.46	24.6	2.8	109.0	7.6	69	2.3	5.9	7.0	43	0.65	0.078
STD DS8	Standard	13.2	104.4	125.0	311	1.8	36.0	7.2	583	2.34	25.3	2.9	107.1	7.5	69	2.1	5.8	7.1	43	0.66	0.071
STD DS8	Standard	12.4	111.0	109.4	309	1.8	38.7	7.9	591	2.44	27.7	2.2	107.3	5.4	56	2.4	4.9	5.6	41	0.66	0.074
STD DS8	Standard	13.6	120.7	104.4	315	1.7	41.3	8.2	638	2.55	27.9	2.5	115.5	5.9	63	2.5	5.1	5.7	49	0.72	0.080
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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

Project: CHA
Report Date: August 17, 2011

QUALITY CONTROL REPORT DAW11000098.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1118322	Soil	17	42	0.79	263	0.079	<1	2.00	0.010	0.19	0.1	<0.01	4.3	0.1	<0.05	6	<0.5	<0.2
REP 1118322	QC	16	40	0.76	249	0.073	<1	1.90	0.010	0.18	0.1	0.01	3.9	0.1	<0.05	6	<0.5	<0.2
1118338	Soil	10	18	0.51	109	0.098	<1	1.44	0.009	0.20	0.2	0.03	3.7	0.2	<0.05	6	<0.5	<0.2
REP 1118338	QC	9	18	0.51	104	0.095	<1	1.40	0.009	0.20	0.2	0.03	3.6	0.2	<0.05	6	<0.5	<0.2
1118402	Soil	55	30	0.89	297	0.168	<1	2.18	0.009	0.85	<0.1	<0.01	3.8	0.4	<0.05	8	<0.5	<0.2
REP 1118402	QC	55	32	0.88	299	0.174	<1	2.15	0.009	0.88	<0.1	<0.01	4.1	0.4	<0.05	8	<0.5	<0.2
1118029	Soil	10	41	1.01	199	0.148	<1	2.23	0.009	0.14	0.1	<0.01	2.9	0.1	<0.05	6	<0.5	<0.2
REP 1118029	QC	10	42	0.99	185	0.145	<1	2.17	0.010	0.13	<0.1	0.01	2.8	<0.1	<0.05	6	<0.5	<0.2
1118415	Soil	12	30	0.81	385	0.114	2	1.92	0.009	0.25	0.1	0.03	3.8	0.1	<0.05	7	<0.5	<0.2
REP 1118415	QC	12	30	0.76	388	0.116	<1	1.80	0.010	0.24	0.1	0.04	3.9	0.1	<0.05	7	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	11	112	0.51	236	0.101	2	0.77	0.064	0.36	2.7	0.19	1.8	4.8	0.17	4	5.2	4.2
STD DS8	Standard	14	108	0.55	261	0.110	2	0.89	0.082	0.40	2.7	0.18	2.2	5.1	0.17	4	3.9	4.5
STD DS8	Standard	15	109	0.63	275	0.109	3	0.94	0.093	0.42	3.1	0.21	2.3	5.5	0.17	5	5.6	5.4
STD DS8	Standard	14	121	0.61	260	0.110	3	0.88	0.085	0.41	2.9	0.20	2.1	5.3	0.17	5	4.9	4.7
STD DS8	Standard	14	125	0.64	289	0.112	2	0.93	0.085	0.42	3.0	0.19	2.0	5.4	0.17	5	5.4	4.9
STD DS8	Standard	16	124	0.63	292	0.131	3	0.96	0.102	0.45	3.2	0.20	2.7	5.6	0.15	5	5.4	5.1
STD DS8	Standard	15	114	0.61	278	0.119	2	0.89	0.087	0.42	3.1	0.22	2.2	5.4	0.15	5	5.1	4.7
STD DS8	Standard	14	111	0.55	265	0.105	2	0.85	0.079	0.39	2.6	0.19	1.9	5.1	0.17	4	4.0	4.9
STD DS8	Standard	15	118	0.61	253	0.120	<1	0.90	0.084	0.40	2.7	0.20	2.1	5.3	0.15	5	4.5	4.7
STD DS8	Standard	15	118	0.57	262	0.119	4	0.87	0.081	0.38	2.8	0.18	2.3	5.5	0.11	5	5.3	5.0
STD DS8	Standard	12	116	0.60	268	0.105	2	0.86	0.086	0.41	3.0	0.20	2.1	5.4	0.15	4	5.5	5.0
STD DS8	Standard	14	127	0.63	293	0.120	3	0.95	0.101	0.43	3.1	0.18	2.1	5.5	0.21	5	5.3	5.1
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

Project: CHA
Report Date: August 17, 2011

QUALITY CONTROL REPORT DAW11000098.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	2.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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

Project: CHA
Report Date: August 17, 2011

QUALITY CONTROL REPORT DAW11000098.1

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

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www.acmelab.com

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

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: July 26, 2011
Report Date: August 14, 2011
Page: 1 of 7

CERTIFICATE OF ANALYSIS DAW11000101.1

CLIENT JOB INFORMATION

Project: CHA
Shipment ID: CHA2011-16
P.O. Number
Number of Samples: 159

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	159	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	159	Dry at 60C			WHI
1DX2	159	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Project: CHA
Report Date: August 14, 2011

CERTIFICATE OF ANALYSIS DAW11000101.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1118855	Soil	0.7	45.7	16.4	95	<0.1	25.5	14.0	512	4.37	7.8	1.8	<0.5	18.1	12	<0.1	1.0	0.2	46	0.10	0.032
1118856	Soil	0.5	27.8	14.9	112	<0.1	24.5	11.4	217	3.85	5.3	0.9	<0.5	11.1	12	<0.1	0.8	0.2	52	0.12	0.022
1118851	Soil	1.6	12.5	12.7	52	<0.1	14.6	6.9	201	2.62	4.0	0.7	<0.5	7.0	11	<0.1	0.4	0.2	47	0.09	0.029
1117796	Soil	0.7	20.6	8.6	82	<0.1	29.3	18.1	422	4.56	5.3	0.5	<0.5	4.5	11	<0.1	0.4	0.2	92	0.12	0.026
1118872	Soil	0.5	42.0	5.7	73	<0.1	20.3	19.0	395	4.31	7.4	0.5	<0.5	3.9	22	<0.1	0.6	<0.1	108	0.45	0.071
1117794	Soil	0.3	13.7	7.2	68	<0.1	23.6	11.4	290	3.23	2.8	0.6	<0.5	5.0	15	<0.1	0.2	0.1	64	0.19	0.033
1118869	Soil	0.7	38.8	9.5	75	<0.1	23.5	12.4	336	3.80	46.4	1.5	5.2	8.2	25	<0.1	1.2	0.2	66	0.34	0.052
1117800	Soil	0.4	29.5	13.4	93	<0.1	32.4	13.7	207	4.07	2.1	1.3	<0.5	13.2	8	<0.1	0.6	0.2	53	0.06	0.020
1118873	Soil	0.8	30.9	10.5	51	<0.1	19.8	12.2	276	3.22	7.5	0.7	2.1	2.7	22	<0.1	0.5	0.1	89	0.28	0.016
1117795	Soil	0.3	35.6	8.3	105	<0.1	33.2	16.2	426	4.98	3.7	1.3	<0.5	16.5	13	<0.1	0.2	0.1	73	0.17	0.041
1117797	Soil	0.5	15.3	10.5	59	<0.1	18.9	9.0	220	2.77	3.1	0.6	<0.5	5.6	13	<0.1	0.3	0.1	48	0.14	0.020
1118858	Soil	0.6	24.5	8.6	85	<0.1	20.8	10.6	254	3.54	3.0	0.6	<0.5	7.6	13	<0.1	0.3	<0.1	55	0.13	0.024
1118868	Soil	0.7	37.2	10.9	76	<0.1	22.0	11.5	339	3.78	47.4	1.6	3.2	8.9	26	<0.1	1.3	0.2	62	0.35	0.050
1118857	Soil	0.7	19.5	9.6	76	<0.1	15.8	10.9	368	2.86	3.9	0.4	<0.5	3.3	15	<0.1	0.3	0.1	62	0.15	0.021
1117799	Soil	0.7	15.1	9.7	64	<0.1	28.7	12.2	969	3.06	2.1	0.5	<0.5	3.9	20	0.2	0.3	0.2	54	0.22	0.026
1118859	Soil	0.3	31.0	17.0	107	<0.1	32.1	14.2	362	4.31	4.0	1.7	<0.5	14.6	24	<0.1	0.6	0.1	50	0.51	0.081
1118865	Soil	0.8	16.2	13.7	52	<0.1	17.0	8.1	198	2.37	5.6	0.6	<0.5	3.8	18	<0.1	0.5	0.1	45	0.21	0.021
1118861	Soil	0.4	34.3	8.9	81	<0.1	23.1	11.9	323	3.65	4.0	0.9	<0.5	6.8	30	<0.1	0.6	<0.1	75	0.40	0.032
1117798	Soil	0.5	6.3	6.5	40	<0.1	6.2	4.3	94	1.37	3.2	0.3	<0.5	1.0	9	<0.1	0.2	<0.1	24	0.09	0.028
1118864	Soil	0.3	40.6	8.4	88	<0.1	31.9	15.7	400	4.03	2.9	0.9	2.2	14.2	29	<0.1	0.5	0.2	49	0.47	0.098
1119687	Soil	0.6	29.3	8.4	65	<0.1	16.2	12.2	217	3.23	4.8	0.8	2.4	2.8	24	<0.1	0.6	0.1	86	0.34	0.058
1118576	Soil	0.5	62.2	9.6	110	<0.1	26.6	20.4	511	4.63	3.7	1.2	4.2	9.4	52	<0.1	0.3	<0.1	102	0.51	0.069
1118867	Soil	0.7	12.3	12.0	51	<0.1	10.0	6.0	196	2.11	16.7	0.9	1.5	1.8	16	<0.1	1.7	0.2	42	0.19	0.040
1118863	Soil	0.6	30.1	12.6	68	<0.1	24.0	10.3	266	3.09	8.0	1.4	1.7	7.4	29	<0.1	1.0	0.2	57	0.37	0.044
1118874	Soil	0.4	69.4	5.3	57	<0.1	13.7	16.1	316	3.56	36.9	0.5	1.9	1.8	27	<0.1	0.5	<0.1	139	0.44	0.032
1118577	Soil	0.6	77.4	9.1	75	<0.1	38.2	19.2	544	4.05	5.7	1.5	2.9	8.0	31	<0.1	0.7	0.1	101	0.49	0.032
1118854	Soil	0.7	15.6	11.5	48	0.1	26.2	10.6	622	2.75	7.0	0.5	1.5	3.8	19	<0.1	0.6	0.2	62	0.30	0.020
1118862	Soil	1.4	15.1	11.3	52	<0.1	14.5	11.3	291	3.62	18.0	0.5	0.8	3.5	16	<0.1	1.6	0.1	77	0.16	0.023
1118870	Soil	0.3	27.7	6.9	97	<0.1	21.5	10.8	203	2.81	3.2	0.8	0.6	5.2	33	<0.1	0.5	<0.1	50	0.43	0.046
1118580	Soil	0.9	33.8	9.7	73	<0.1	28.5	11.7	310	3.51	7.4	1.2	7.1	9.5	21	<0.1	0.6	0.2	73	0.25	0.021

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Project: CHA
Report Date: August 14, 2011

CERTIFICATE OF ANALYSIS DAW11000101.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1118855	Soil		43	28	0.42	337	0.044	1	1.60	0.005	0.23	<0.1	<0.01	4.3	0.1	<0.05	6	<0.5	<0.2
1118856	Soil		30	47	0.83	376	0.092	<1	1.98	0.006	0.30	<0.1	<0.01	4.3	0.1	<0.05	9	<0.5	<0.2
1118851	Soil		34	21	0.35	362	0.084	<1	1.18	0.005	0.31	<0.1	<0.01	2.0	0.1	<0.05	6	<0.5	<0.2
1117796	Soil		17	68	1.35	368	0.159	<1	3.11	0.008	0.52	<0.1	0.02	4.7	0.2	<0.05	9	<0.5	<0.2
1118872	Soil		11	32	1.09	342	0.090	<1	2.16	0.019	0.11	0.1	0.01	7.9	<0.1	<0.05	9	<0.5	<0.2
1117794	Soil		16	70	1.14	337	0.167	<1	2.04	0.007	0.42	<0.1	<0.01	3.4	0.2	<0.05	8	<0.5	<0.2
1118869	Soil		23	30	0.77	497	0.053	<1	1.86	0.008	0.23	0.2	0.03	6.3	0.1	<0.05	8	<0.5	<0.2
1117800	Soil		37	62	0.70	337	0.059	<1	2.00	0.006	0.31	<0.1	<0.01	5.1	0.2	<0.05	7	<0.5	<0.2
1118873	Soil		10	39	0.66	316	0.090	<1	2.07	0.016	0.06	0.1	0.02	5.8	<0.1	<0.05	6	<0.5	<0.2
1117795	Soil		61	56	1.35	478	0.223	<1	2.75	0.007	0.84	<0.1	<0.01	6.0	0.4	<0.05	10	<0.5	<0.2
1117797	Soil		16	40	0.69	308	0.093	<1	1.64	0.006	0.24	<0.1	<0.01	2.8	0.1	<0.05	6	<0.5	<0.2
1118858	Soil		19	35	0.79	360	0.081	<1	1.92	0.005	0.27	<0.1	<0.01	3.3	0.1	<0.05	8	<0.5	<0.2
1118868	Soil		24	29	0.73	525	0.046	1	1.94	0.008	0.23	0.2	0.03	6.7	0.1	<0.05	8	<0.5	<0.2
1118857	Soil		10	32	0.60	448	0.077	<1	1.93	0.007	0.16	0.1	<0.01	2.2	<0.1	<0.05	7	<0.5	<0.2
1117799	Soil		16	67	0.75	542	0.069	<1	1.95	0.007	0.17	<0.1	0.03	2.9	0.1	<0.05	8	<0.5	<0.2
1118859	Soil		41	57	0.72	821	0.034	1	1.80	0.009	0.30	<0.1	0.04	7.6	0.1	<0.05	8	<0.5	<0.2
1118865	Soil		16	28	0.36	287	0.045	<1	1.33	0.008	0.10	0.1	<0.01	2.9	<0.1	<0.05	4	<0.5	<0.2
1118861	Soil		21	51	0.90	430	0.098	<1	2.03	0.011	0.17	<0.1	0.02	6.2	<0.1	<0.05	8	<0.5	<0.2
1117798	Soil		4	10	0.25	208	0.028	1	0.96	0.005	0.10	<0.1	<0.01	0.8	<0.1	<0.05	4	<0.5	<0.2
1118864	Soil		40	44	1.04	522	0.074	1	1.96	0.010	0.28	<0.1	<0.01	5.4	0.2	<0.05	8	<0.5	<0.2
1119687	Soil		10	38	0.81	311	0.133	2	1.98	0.016	0.15	<0.1	0.03	4.5	<0.1	<0.05	7	<0.5	<0.2
1118576	Soil		27	50	1.50	556	0.258	1	2.81	0.015	0.78	<0.1	0.02	6.0	0.2	<0.05	11	<0.5	<0.2
1118867	Soil		6	17	0.36	151	0.036	<1	1.10	0.007	0.08	0.3	<0.01	1.7	<0.1	<0.05	5	<0.5	<0.2
1118863	Soil		20	37	0.50	384	0.066	<1	1.60	0.015	0.12	0.1	0.04	5.2	<0.1	<0.05	5	0.5	<0.2
1118874	Soil		5	21	1.10	280	0.203	1	2.20	0.018	0.13	<0.1	0.01	4.1	<0.1	<0.05	6	<0.5	<0.2
1118577	Soil		23	88	1.32	528	0.169	2	2.50	0.019	0.32	<0.1	0.02	8.3	0.1	<0.05	9	0.6	<0.2
1118854	Soil		13	44	0.48	645	0.043	<1	1.90	0.012	0.07	<0.1	0.02	3.4	<0.1	<0.05	6	<0.5	<0.2
1118862	Soil		13	26	0.54	271	0.032	<1	1.75	0.009	0.08	0.2	<0.01	3.7	<0.1	<0.05	6	<0.5	<0.2
1118870	Soil		16	44	0.86	379	0.107	<1	1.70	0.013	0.22	<0.1	0.01	3.7	<0.1	<0.05	7	<0.5	<0.2
1118580	Soil		28	50	0.87	336	0.161	1	1.90	0.018	0.35	0.1	0.02	6.4	0.2	<0.05	7	<0.5	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1118860	Soil	0.3	45.6	10.4	100	<0.1	23.9	16.9	516	4.22	4.0	0.8	0.9	12.1	39	<0.1	0.5	<0.1	78	0.63	0.133
1118866	Soil	1.4	36.4	8.9	98	<0.1	31.2	17.9	512	5.00	5.7	0.7	0.8	5.8	24	<0.1	1.4	0.2	92	0.34	0.071
1118647	Soil	0.4	31.7	8.0	113	<0.1	12.3	18.5	870	4.59	3.5	0.4	1.3	4.7	39	<0.1	0.4	<0.1	82	0.55	0.070
1119686	Soil	0.5	23.5	4.0	82	<0.1	12.2	22.5	569	4.63	3.0	0.5	0.7	2.4	27	<0.1	0.4	<0.1	129	0.43	0.084
1118582	Soil	1.1	23.3	22.4	62	<0.1	25.6	12.0	396	3.28	7.7	0.7	1.4	7.1	26	<0.1	0.5	0.2	72	0.27	0.018
1118871	Soil	0.3	30.2	3.4	103	<0.1	17.2	19.4	580	5.62	9.9	0.7	<0.5	5.0	35	<0.1	0.8	<0.1	134	0.54	0.114
1118636	Soil	0.9	40.7	17.6	72	<0.1	23.1	14.0	503	3.84	8.8	1.3	3.7	7.7	22	<0.1	0.8	0.2	72	0.24	0.027
1119688	Soil	0.6	26.1	7.2	70	0.1	15.9	14.9	376	3.15	4.1	1.0	1.4	2.5	29	<0.1	0.4	0.1	83	0.37	0.055
1118581	Soil	0.8	45.0	12.1	90	<0.1	21.0	14.2	598	5.98	21.8	1.2	<0.5	11.8	18	<0.1	1.0	0.1	123	0.31	0.088
1118575	Soil	0.8	43.4	11.7	69	0.1	30.5	12.9	460	3.26	9.0	0.6	3.8	6.5	42	0.2	0.8	0.2	67	1.11	0.040
1117835	Soil	0.3	96.3	3.5	67	<0.1	10.9	15.5	382	3.54	1.7	0.4	1.8	2.2	24	<0.1	0.4	0.4	89	0.45	0.105
1118578	Soil	0.9	33.9	12.7	67	<0.1	32.1	14.9	553	3.79	7.2	1.6	0.9	10.1	35	<0.1	0.6	0.2	76	0.37	0.022
1118853	Soil	0.8	19.5	13.3	59	<0.1	22.4	10.5	292	3.07	8.6	0.7	1.9	7.1	14	<0.1	0.6	0.2	56	0.17	0.021
1118852	Soil	0.7	21.5	21.5	75	<0.1	23.5	10.7	242	3.63	7.1	1.2	<0.5	12.9	13	<0.1	0.9	0.2	35	0.13	0.027
1118642	Soil	0.7	25.1	9.8	79	<0.1	13.2	15.1	582	3.58	4.5	0.7	<0.5	5.6	28	<0.1	0.4	<0.1	72	0.36	0.047
1118579	Soil	0.5	26.5	10.3	80	<0.1	30.6	13.8	443	3.84	4.4	0.8	1.2	9.9	26	<0.1	0.5	0.1	71	0.31	0.022
1117834	Soil	0.4	43.6	3.4	92	<0.1	18.7	25.5	597	4.82	2.3	0.5	<0.5	2.2	47	<0.1	0.3	<0.1	132	0.66	0.129
1118583	Soil	0.9	33.2	12.2	69	<0.1	27.7	12.5	387	3.67	8.6	0.9	3.6	9.4	22	<0.1	0.5	0.2	74	0.23	0.017
1118638	Soil	0.7	23.3	10.5	64	<0.1	17.4	13.3	462	2.95	5.8	0.7	1.5	4.7	27	<0.1	0.6	<0.1	65	0.33	0.030
1117832	Soil	0.3	103.8	3.0	66	<0.1	11.6	16.4	403	3.75	1.5	0.4	1.1	2.3	24	<0.1	0.4	0.4	92	0.45	0.101
1119837	Soil	0.7	24.0	11.0	73	<0.1	17.0	11.6	296	3.16	5.5	0.9	2.1	3.7	29	<0.1	0.5	0.1	75	0.39	0.072
1118648	Soil	0.9	24.4	10.3	79	0.2	15.4	12.9	543	3.37	4.9	1.8	2.0	5.5	38	0.1	0.4	0.1	67	0.57	0.048
1118644	Soil	0.6	20.8	11.5	72	<0.1	13.4	12.5	467	3.17	4.5	0.6	1.3	4.4	25	0.1	0.5	0.1	66	0.36	0.044
1119840	Soil	0.3	54.2	3.1	83	<0.1	22.9	24.0	568	5.76	2.0	0.9	1.2	3.1	42	0.1	0.8	<0.1	161	1.25	0.241
1118649	Soil	0.7	19.9	11.2	75	0.1	16.6	11.0	374	3.13	5.1	1.1	2.9	5.3	30	0.1	0.4	0.1	65	0.44	0.044
1119836	Soil	0.7	22.3	6.6	72	<0.1	16.6	10.0	255	2.82	5.4	0.8	2.9	3.9	23	<0.1	0.3	0.2	60	0.31	0.062
1118643	Soil	0.7	23.6	7.4	77	<0.1	14.6	12.8	491	3.40	5.3	0.4	1.7	3.6	23	<0.1	0.4	0.1	66	0.39	0.040
1119838	Soil	0.5	24.3	6.5	62	0.1	15.3	7.9	146	2.42	4.1	1.0	1.2	1.9	20	0.1	0.3	0.2	53	0.26	0.055
1119950	Soil	0.2	38.2	2.8	100	<0.1	20.4	13.0	456	4.39	0.9	0.8	1.2	10.6	20	<0.1	<0.1	<0.1	88	0.53	0.190
1118485	Soil	0.6	26.4	5.2	82	<0.1	18.2	13.8	327	3.73	3.4	0.8	1.4	6.1	19	<0.1	0.3	<0.1	81	0.31	0.076

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

Project: CHA
Report Date: August 14, 2011

CERTIFICATE OF ANALYSIS DAW11000101.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1118860	Soil		16	53	0.98	491	0.177	<1	2.31	0.012	0.18	<0.1	<0.01	5.1	<0.1	<0.05	13	<0.5	<0.2
1118866	Soil		18	54	1.46	494	0.179	<1	2.83	0.008	0.53	0.3	<0.01	4.9	0.2	<0.05	11	<0.5	<0.2
1118647	Soil		8	33	1.14	457	0.221	<1	2.45	0.011	0.77	0.1	<0.01	3.1	0.2	<0.05	8	<0.5	<0.2
1119686	Soil		6	25	1.40	618	0.288	<1	2.55	0.018	0.89	<0.1	<0.01	3.2	0.2	<0.05	8	<0.5	<0.2
1118582	Soil		15	50	0.77	336	0.151	<1	2.13	0.016	0.27	<0.1	0.02	5.0	0.1	<0.05	7	<0.5	<0.2
1118871	Soil		16	23	1.48	617	0.155	<1	2.62	0.010	0.31	<0.1	<0.01	5.8	<0.1	<0.05	11	<0.5	<0.2
1118636	Soil		29	39	0.69	570	0.062	<1	2.47	0.012	0.10	0.1	0.03	7.6	<0.1	<0.05	7	<0.5	<0.2
1119688	Soil		11	35	0.82	383	0.139	1	1.95	0.015	0.17	<0.1	0.05	4.6	0.1	<0.05	7	<0.5	<0.2
1118581	Soil		22	34	1.32	483	0.318	<1	2.89	0.016	1.30	<0.1	0.02	8.0	0.4	<0.05	11	<0.5	<0.2
1118575	Soil		21	41	0.73	423	0.114	1	1.90	0.027	0.12	0.1	0.04	5.0	0.1	<0.05	6	<0.5	<0.2
1117835	Soil		7	24	0.95	477	0.149	<1	1.99	0.015	0.54	<0.1	<0.01	4.6	0.1	<0.05	7	<0.5	<0.2
1118578	Soil		28	92	0.85	414	0.120	<1	2.18	0.015	0.27	0.1	0.03	6.8	0.1	<0.05	7	0.5	<0.2
1118853	Soil		23	36	0.61	479	0.066	<1	1.65	0.011	0.17	<0.1	0.01	3.8	<0.1	<0.05	5	<0.5	<0.2
1118852	Soil		35	25	0.25	466	0.018	<1	1.25	0.007	0.22	0.1	0.01	3.8	0.1	<0.05	4	<0.5	<0.2
1118642	Soil		16	28	0.88	316	0.184	<1	2.17	0.011	0.30	0.1	0.02	3.4	0.2	<0.05	7	<0.5	<0.2
1118579	Soil		22	61	1.11	354	0.233	<1	2.22	0.010	0.46	<0.1	<0.01	4.4	0.2	<0.05	9	<0.5	<0.2
1117834	Soil		9	41	2.00	698	0.306	<1	2.91	0.020	0.56	<0.1	0.02	4.1	0.2	<0.05	10	<0.5	<0.2
1118583	Soil		16	56	0.90	329	0.193	<1	2.30	0.014	0.40	0.1	0.02	7.0	0.2	<0.05	8	<0.5	<0.2
1118638	Soil		14	34	0.76	285	0.134	<1	1.88	0.013	0.08	0.1	0.02	3.9	<0.1	<0.05	6	<0.5	<0.2
1117832	Soil		7	25	0.98	500	0.149	<1	2.08	0.016	0.55	<0.1	<0.01	5.1	0.1	<0.05	7	<0.5	<0.2
1119837	Soil		13	40	0.74	332	0.123	<1	1.88	0.017	0.16	0.1	0.03	4.3	<0.1	<0.05	7	<0.5	<0.2
1118648	Soil		31	33	0.74	624	0.127	<1	2.20	0.013	0.25	0.1	0.05	5.4	0.1	<0.05	7	<0.5	<0.2
1118644	Soil		13	27	0.78	252	0.159	<1	1.80	0.012	0.25	0.1	0.01	3.3	0.2	<0.05	6	<0.5	<0.2
1119840	Soil		10	57	1.35	565	0.155	<1	2.85	0.041	0.35	<0.1	0.01	9.8	<0.1	<0.05	10	<0.5	<0.2
1118649	Soil		20	38	0.75	479	0.137	<1	2.06	0.012	0.22	0.1	0.03	4.3	0.2	<0.05	7	<0.5	<0.2
1119836	Soil		13	34	0.68	384	0.112	1	1.68	0.011	0.22	0.1	0.02	3.3	<0.1	<0.05	6	<0.5	<0.2
1118643	Soil		10	25	0.89	305	0.145	1	1.93	0.009	0.20	0.1	0.01	2.7	0.1	<0.05	6	<0.5	<0.2
1119838	Soil		12	36	0.63	358	0.080	<1	1.69	0.010	0.11	<0.1	0.03	4.0	<0.1	<0.05	6	<0.5	<0.2
1119950	Soil		22	46	1.20	893	0.217	<1	2.30	0.011	1.26	<0.1	<0.01	5.1	0.2	<0.05	10	<0.5	<0.2
1118485	Soil		19	34	0.77	521	0.122	<1	1.86	0.011	0.55	<0.1	0.01	6.1	0.2	<0.05	7	<0.5	<0.2

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Project: CHA
Report Date: August 14, 2011

CERTIFICATE OF ANALYSIS DAW11000101.1

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1118645	Soil	0.6	24.3	9.5	78	<0.1	13.0	11.9	425	3.27	4.1	0.9	2.2	5.5	24	0.1	0.6	<0.1	57	0.46	0.047
1118640	Soil	0.9	18.1	11.7	63	<0.1	9.8	10.4	429	3.04	7.4	0.6	8.5	4.3	15	0.1	0.5	<0.1	54	0.17	0.038
1118650	Soil	0.5	35.5	6.3	80	<0.1	18.8	13.4	399	3.56	3.3	0.6	2.8	4.1	21	<0.1	0.2	<0.1	75	0.41	0.102
1119839	Soil	0.4	59.2	4.3	58	<0.1	17.9	15.7	286	2.69	3.8	0.4	2.2	2.2	18	<0.1	0.4	<0.1	75	0.31	0.050
1118646	Soil	0.7	25.6	12.5	75	0.1	17.0	13.8	385	3.27	5.4	0.9	1.3	4.7	24	<0.1	0.5	<0.1	65	0.43	0.040
1118641	Soil	0.5	23.0	8.3	62	<0.1	14.2	10.3	423	2.79	4.0	0.7	0.5	4.4	20	<0.1	0.4	<0.1	53	0.30	0.051
1118637	Soil	0.8	26.9	11.3	74	<0.1	21.3	15.9	508	3.56	6.6	0.5	3.0	4.9	19	<0.1	0.6	0.1	65	0.25	0.035
1118639	Soil	0.9	26.2	10.9	65	<0.1	20.5	11.4	453	3.09	8.2	0.8	2.5	5.4	22	<0.1	0.5	0.1	59	0.26	0.035
1118563	Soil	0.6	39.8	4.0	57	<0.1	9.6	17.6	415	3.55	2.6	0.2	<0.5	1.4	25	<0.1	0.5	<0.1	97	0.31	0.031
1118551	Soil	0.7	20.2	8.2	54	<0.1	17.2	10.3	346	2.69	7.5	0.5	0.9	3.1	22	<0.1	0.9	<0.1	64	0.27	0.018
1118572	Soil	0.4	37.4	4.7	104	<0.1	17.3	12.3	394	3.70	3.2	0.7	<0.5	4.8	29	<0.1	0.2	<0.1	83	0.49	0.101
1118558	Soil	0.9	22.6	6.8	51	<0.1	15.8	10.5	243	2.84	5.5	0.4	10.1	2.2	24	<0.1	0.6	<0.1	62	0.33	0.033
1118560	Soil	0.4	51.2	5.8	65	<0.1	12.3	17.7	488	3.85	2.5	0.3	0.9	1.6	26	<0.1	0.9	<0.1	112	0.39	0.027
1118569	Soil	0.9	32.3	7.7	63	0.1	26.6	10.5	446	2.55	9.6	0.5	1.7	3.5	46	0.2	0.7	0.1	54	1.55	0.073
1118555	Soil	0.4	17.2	5.1	77	<0.1	9.3	16.3	489	4.31	3.9	0.5	<0.5	5.7	15	<0.1	0.3	<0.1	85	0.14	0.027
1118557	Soil	0.8	31.7	8.2	72	<0.1	20.0	16.9	623	3.63	5.4	0.5	0.5	3.3	29	<0.1	0.5	<0.1	82	0.32	0.026
1118570	Soil	1.2	33.2	10.4	68	0.2	26.7	11.9	515	2.70	8.8	0.9	2.5	3.4	32	0.2	0.8	0.1	56	0.49	0.068
1118553	Soil	0.8	10.9	8.5	73	<0.1	18.6	10.7	396	3.12	5.3	0.4	<0.5	2.7	16	<0.1	0.4	0.1	66	0.16	0.023
1118566	Soil	0.8	27.0	8.6	60	<0.1	22.0	10.5	445	2.74	7.2	0.5	1.4	4.3	28	0.3	0.6	<0.1	63	0.44	0.072
1118564	Soil	0.5	46.1	2.7	71	<0.1	8.5	17.4	545	3.96	10.2	0.4	<0.5	1.6	52	<0.1	0.7	<0.1	104	0.40	0.028
1118571	Soil	0.6	23.2	7.2	64	<0.1	18.5	10.9	302	2.80	6.0	1.0	1.1	3.8	29	<0.1	0.5	0.1	57	0.45	0.051
1118552	Soil	0.8	14.4	7.0	54	<0.1	9.6	11.4	553	2.81	3.3	0.4	<0.5	2.0	26	<0.1	0.6	<0.1	68	0.31	0.019
1118565	Soil	0.9	25.0	6.7	57	<0.1	19.6	10.4	251	2.66	7.2	0.5	1.5	3.2	26	0.1	0.6	<0.1	59	0.41	0.061
1118574	Soil	0.9	39.1	9.3	70	<0.1	29.6	12.2	385	3.20	7.7	1.1	1.7	6.9	31	<0.1	0.6	0.1	58	0.51	0.047
1118562	Soil	0.7	30.1	7.1	64	0.1	20.0	9.4	358	2.48	6.3	0.8	1.3	3.1	36	0.2	0.6	0.1	55	0.60	0.067
1118554	Soil	0.4	11.5	4.7	84	<0.1	19.6	12.9	347	3.23	2.6	0.2	<0.5	1.6	25	<0.1	0.4	<0.1	75	0.23	0.023
1118567	Soil	0.7	31.6	7.5	64	0.1	25.3	10.3	389	2.39	7.6	0.8	4.2	3.1	51	0.2	0.6	0.1	53	1.13	0.069
1118556	Soil	0.7	24.2	7.0	50	<0.1	23.4	10.1	302	2.78	7.3	0.4	<0.5	2.8	18	<0.1	0.4	<0.1	61	0.20	0.017
1118568	Soil	0.8	30.4	7.2	60	0.1	24.9	10.6	417	2.55	9.5	0.6	0.9	3.9	42	0.2	0.7	0.1	55	1.09	0.072
1118561	Soil	0.8	33.4	6.9	58	0.1	20.1	11.4	397	2.58	5.9	0.9	6.6	2.8	37	0.2	0.7	0.1	59	0.59	0.060

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1118645	Soil		16	23	0.69	445	0.103	<1	1.68	0.010	0.31	0.1	0.01	5.0	0.1	<0.05	6	<0.5	<0.2
1118640	Soil		15	18	0.52	342	0.066	<1	1.67	0.006	0.24	0.1	0.01	3.9	0.1	<0.05	6	<0.5	<0.2
1118650	Soil		12	46	1.01	487	0.154	<1	1.97	0.010	0.60	<0.1	0.02	3.0	0.2	<0.05	7	<0.5	<0.2
1119839	Soil		7	84	0.95	232	0.119	<1	1.69	0.015	0.15	<0.1	<0.01	5.1	<0.1	<0.05	6	<0.5	<0.2
1118646	Soil		15	28	0.71	523	0.098	<1	1.95	0.009	0.13	0.1	0.03	4.9	0.1	<0.05	6	<0.5	<0.2
1118641	Soil		17	25	0.69	334	0.103	1	1.51	0.009	0.20	0.1	0.01	3.6	0.1	<0.05	5	<0.5	<0.2
1118637	Soil		10	42	0.87	286	0.103	<1	2.31	0.009	0.09	0.1	<0.01	3.7	0.1	<0.05	7	<0.5	<0.2
1118639	Soil		16	35	0.71	366	0.069	<1	2.01	0.009	0.07	0.1	0.03	4.5	<0.1	<0.05	6	<0.5	<0.2
1118563	Soil		3	19	1.17	314	0.167	<1	1.98	0.010	0.44	0.2	<0.01	2.8	0.1	<0.05	5	<0.5	<0.2
1118551	Soil		10	27	0.62	322	0.060	<1	1.53	0.009	0.09	0.2	0.01	4.3	<0.1	<0.05	5	<0.5	<0.2
1118572	Soil		8	35	1.06	486	0.184	<1	2.06	0.011	0.62	<0.1	<0.01	4.2	0.1	<0.05	11	<0.5	<0.2
1118558	Soil		7	26	0.67	334	0.083	1	1.68	0.013	0.14	0.2	0.02	3.6	<0.1	<0.05	5	<0.5	<0.2
1118560	Soil		5	27	1.36	445	0.178	<1	2.12	0.020	0.36	0.1	<0.01	7.8	0.1	<0.05	7	<0.5	<0.2
1118569	Soil		12	27	0.70	358	0.069	2	1.19	0.025	0.08	0.2	0.02	3.3	<0.1	<0.05	4	0.7	<0.2
1118555	Soil		9	20	1.21	464	0.168	<1	2.46	0.007	1.07	<0.1	<0.01	4.6	0.3	<0.05	7	<0.5	<0.2
1118557	Soil		11	36	1.14	526	0.153	<1	2.22	0.011	0.40	0.1	0.02	4.2	0.1	<0.05	7	<0.5	<0.2
1118570	Soil		13	29	0.63	437	0.068	1	1.62	0.020	0.07	0.2	0.03	4.1	<0.1	<0.05	4	<0.5	<0.2
1118553	Soil		7	50	0.83	465	0.081	<1	2.04	0.007	0.28	0.1	0.02	2.8	0.1	<0.05	7	<0.5	<0.2
1118566	Soil		11	28	0.68	353	0.082	1	1.30	0.018	0.07	0.4	0.03	3.6	<0.1	<0.05	4	<0.5	<0.2
1118564	Soil		4	17	1.31	417	0.166	<1	2.23	0.010	0.60	0.1	0.01	5.2	0.2	<0.05	7	<0.5	<0.2
1118571	Soil		12	28	0.65	356	0.092	<1	1.79	0.014	0.10	0.2	0.03	3.7	<0.1	<0.05	6	<0.5	<0.2
1118552	Soil		6	21	0.71	454	0.101	<1	1.60	0.011	0.24	<0.1	<0.01	2.8	<0.1	<0.05	6	<0.5	<0.2
1118565	Soil		9	26	0.65	245	0.084	<1	1.42	0.017	0.08	0.3	0.02	3.3	<0.1	<0.05	4	<0.5	<0.2
1118574	Soil		21	37	0.73	398	0.098	<1	1.98	0.017	0.16	0.1	0.03	4.9	0.1	<0.05	6	<0.5	<0.2
1118562	Soil		11	25	0.65	341	0.073	2	1.46	0.020	0.10	0.2	0.03	3.9	<0.1	<0.05	4	0.6	<0.2
1118554	Soil		4	61	1.16	368	0.118	<1	2.23	0.008	0.41	<0.1	0.01	2.6	0.1	<0.05	8	<0.5	<0.2
1118567	Soil		12	26	0.62	404	0.071	2	1.31	0.022	0.09	0.2	0.02	3.5	<0.1	<0.05	4	0.7	<0.2
1118556	Soil		8	48	0.72	404	0.087	<1	1.66	0.009	0.13	<0.1	<0.01	2.9	<0.1	<0.05	5	<0.5	<0.2
1118568	Soil		12	26	0.70	328	0.070	2	1.29	0.021	0.09	0.2	0.02	3.6	<0.1	<0.05	4	0.6	<0.2
1118561	Soil		12	26	0.64	424	0.082	1	1.60	0.020	0.08	0.2	0.04	4.1	<0.1	<0.05	5	0.6	<0.2

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

Project: CHA
Report Date: August 14, 2011

CERTIFICATE OF ANALYSIS DAW11000101.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1118559	Soil	0.6	43.0	4.2	63	<0.1	14.0	17.7	540	4.04	3.6	0.5	<0.5	2.0	32	<0.1	1.0	<0.1	113	0.54	0.047
1118573	Soil	0.6	22.5	7.8	66	<0.1	19.0	11.6	471	2.97	5.5	0.9	1.7	5.1	37	0.1	0.6	0.2	61	0.56	0.063
1118594	Soil	0.7	30.8	6.8	83	<0.1	15.9	13.6	493	4.04	3.4	0.7	0.6	8.0	21	<0.1	0.4	0.1	77	0.43	0.071
1118591	Soil	0.8	43.7	7.2	59	<0.1	43.3	16.4	346	3.06	8.1	0.8	1.2	5.0	23	<0.1	0.5	0.1	69	0.34	0.015
1119848	Soil	1.0	54.8	10.2	91	<0.1	63.2	26.2	957	5.26	42.4	0.9	1.7	4.9	24	0.1	1.6	<0.1	79	0.52	0.063
1118593	Soil	0.8	26.9	10.0	59	0.1	24.9	13.2	418	2.76	5.2	0.8	2.0	2.8	34	<0.1	0.8	0.1	57	0.57	0.049
1118586	Soil	0.6	41.1	13.6	99	<0.1	56.7	23.8	609	4.46	5.1	0.5	4.9	4.3	19	<0.1	0.4	<0.1	98	0.34	0.029
1119849	Soil	0.8	46.4	13.1	72	0.2	39.0	15.8	509	3.29	10.6	0.9	3.7	4.3	37	0.1	0.8	0.2	70	0.60	0.049
1118592	Soil	0.5	51.3	5.4	53	<0.1	47.4	18.4	342	3.00	3.0	0.6	1.8	2.9	20	<0.1	0.3	<0.1	68	0.44	0.025
1119850	Soil	1.1	50.6	18.0	78	0.2	43.5	17.9	570	3.87	7.4	0.6	5.7	4.3	33	<0.1	0.7	0.1	86	0.59	0.043
1118588	Soil	0.6	42.0	6.6	60	<0.1	45.6	17.4	319	3.04	5.6	0.3	0.8	3.9	18	<0.1	0.2	<0.1	68	0.34	0.021
1118587	Soil	0.5	77.8	7.5	68	<0.1	62.5	21.1	444	3.37	8.7	0.4	3.3	5.1	23	<0.1	0.4	0.1	74	0.43	0.039
1118589	Soil	0.6	43.6	5.5	82	<0.1	49.2	20.5	514	3.77	3.9	0.3	1.2	3.3	22	<0.1	0.2	<0.1	93	0.36	0.043
1119845	Soil	0.7	49.9	7.7	81	<0.1	51.6	23.6	1010	4.01	3.7	0.5	1.7	4.1	37	<0.1	1.0	<0.1	87	0.78	0.055
1119844	Soil	0.5	45.6	8.2	74	<0.1	55.7	23.4	523	4.06	4.7	0.4	1.0	4.0	33	<0.1	0.8	<0.1	85	0.67	0.042
1119645	Soil	0.5	21.2	9.5	93	<0.1	39.1	18.4	565	4.69	3.3	0.6	<0.5	8.4	26	<0.1	0.8	<0.1	99	0.47	0.040
1118590	Soil	0.5	39.9	5.8	87	<0.1	45.5	18.8	484	3.63	3.8	0.3	<0.5	2.8	22	<0.1	0.2	<0.1	90	0.35	0.029
1119644	Soil	0.6	25.3	8.3	79	<0.1	26.3	16.4	487	4.33	6.1	0.6	3.6	6.4	29	<0.1	0.8	0.1	102	0.49	0.026
1119846	Soil	0.9	26.6	9.0	57	0.1	27.0	12.7	360	2.82	7.4	0.8	2.9	3.4	35	<0.1	0.8	0.1	62	0.58	0.047
1119843	Soil	0.7	52.7	18.4	90	<0.1	60.7	25.2	797	5.33	8.7	0.8	3.5	5.8	34	<0.1	2.0	0.1	103	0.52	0.026
1119650	Soil	0.7	42.4	7.2	73	<0.1	48.1	21.2	511	3.92	4.8	0.6	<0.5	3.9	37	<0.1	0.9	<0.1	87	0.46	0.018
1119847	Soil	1.1	34.5	11.9	67	0.1	33.1	15.2	468	3.26	8.6	1.1	1.9	4.2	37	0.1	0.7	0.1	68	0.55	0.035
1119842	Soil	0.5	43.4	6.2	69	<0.1	50.9	23.9	601	4.58	3.5	0.5	<0.5	4.8	26	<0.1	0.9	<0.1	96	0.44	0.037
1119649	Soil	1.0	28.5	10.6	68	<0.1	27.0	11.0	322	2.77	7.6	0.8	2.1	3.8	35	0.1	0.7	0.1	60	0.46	0.059
1119647	Soil	0.8	14.2	11.6	54	<0.1	15.6	7.7	217	2.37	6.5	0.7	1.3	4.2	24	<0.1	0.5	0.1	50	0.34	0.017
1119641	Soil	0.5	36.7	9.2	84	<0.1	20.7	18.2	584	4.98	7.6	0.6	2.5	4.4	21	<0.1	0.9	<0.1	118	0.46	0.050
1119640	Soil	0.4	20.9	11.8	112	<0.1	9.7	10.3	524	3.28	2.6	0.9	0.5	5.4	18	<0.1	0.5	<0.1	49	0.37	0.082
1119638	Soil	0.5	28.9	10.8	81	<0.1	13.8	12.0	449	3.82	7.4	1.0	0.7	7.2	20	0.1	1.4	0.1	50	0.41	0.043
1119648	Soil	0.6	22.8	7.4	57	<0.1	17.0	8.0	277	2.23	4.3	0.8	<0.5	2.7	44	0.1	0.5	0.1	47	0.71	0.046
1119636	Soil	0.2	28.5	5.8	105	<0.1	13.1	15.2	551	4.15	2.8	0.4	0.6	5.2	33	<0.1	0.3	<0.1	78	0.41	0.060

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1118559	Soil		6	31	1.23	525	0.154	<1	2.46	0.019	0.30	0.1	0.01	8.1	0.1	<0.05	7	<0.5	<0.2
1118573	Soil		18	36	0.72	438	0.108	2	1.81	0.016	0.23	0.2	0.05	4.8	0.1	<0.05	6	<0.5	<0.2
1118594	Soil		14	33	1.01	359	0.186	2	2.18	0.012	0.77	0.1	0.01	5.0	0.2	<0.05	8	<0.5	<0.2
1118591	Soil		9	88	1.23	350	0.148	3	2.17	0.015	0.18	0.1	0.02	4.2	0.1	<0.05	6	<0.5	<0.2
1119848	Soil		11	137	1.36	544	0.103	2	2.10	0.013	0.34	<0.1	0.02	14.4	0.3	<0.05	6	<0.5	0.2
1118593	Soil		10	65	0.92	347	0.094	2	1.69	0.017	0.11	0.1	0.04	5.1	<0.1	<0.05	5	<0.5	<0.2
1118586	Soil		7	169	2.46	378	0.149	2	2.92	0.014	0.48	0.1	<0.01	9.0	0.2	<0.05	9	0.5	<0.2
1119849	Soil		13	80	1.10	400	0.108	4	2.20	0.024	0.08	0.1	0.05	6.1	<0.1	<0.05	6	<0.5	<0.2
1118592	Soil		7	131	1.52	351	0.206	<1	2.18	0.017	0.52	0.1	0.02	4.4	0.2	<0.05	6	<0.5	<0.2
1119850	Soil		11	111	1.57	295	0.121	2	2.45	0.019	0.13	0.2	0.02	8.2	0.1	<0.05	7	<0.5	<0.2
1118588	Soil		5	116	1.51	341	0.203	1	2.18	0.015	0.68	0.1	0.01	2.7	0.2	<0.05	6	<0.5	<0.2
1118587	Soil		17	123	1.78	357	0.196	2	2.33	0.018	0.63	0.2	0.04	5.1	0.2	<0.05	6	<0.5	<0.2
1118589	Soil		5	146	2.24	516	0.266	2	2.88	0.020	0.98	<0.1	<0.01	3.5	0.4	<0.05	8	<0.5	<0.2
1119845	Soil		7	156	1.50	551	0.155	2	2.47	0.022	0.31	<0.1	0.02	8.7	<0.1	<0.05	8	<0.5	<0.2
1119844	Soil		6	159	1.99	656	0.243	2	2.75	0.017	0.49	<0.1	0.02	5.8	0.2	<0.05	7	<0.5	<0.2
1119645	Soil		30	123	1.69	673	0.197	2	2.78	0.009	0.63	<0.1	0.01	7.6	0.2	<0.05	12	<0.5	<0.2
1118590	Soil		4	132	2.12	503	0.267	3	2.76	0.018	0.92	<0.1	0.01	3.2	0.4	<0.05	9	<0.5	<0.2
1119644	Soil		18	59	1.26	560	0.171	1	2.40	0.014	0.37	<0.1	0.02	7.0	0.2	<0.05	9	0.6	<0.2
1119846	Soil		11	58	0.78	393	0.092	3	1.77	0.017	0.09	0.2	0.04	5.1	<0.1	<0.05	5	<0.5	<0.2
1119843	Soil		18	175	1.83	693	0.059	2	3.13	0.010	0.23	0.1	0.03	16.3	<0.1	<0.05	10	0.6	<0.2
1119650	Soil		12	142	1.79	571	0.185	1	2.65	0.020	0.26	<0.1	0.02	6.7	0.1	<0.05	8	<0.5	<0.2
1119847	Soil		14	71	0.95	405	0.103	2	2.07	0.021	0.08	0.1	0.02	5.7	<0.1	<0.05	6	<0.5	<0.2
1119842	Soil		7	160	2.08	837	0.187	1	2.72	0.016	0.76	<0.1	<0.01	9.0	0.3	<0.05	7	<0.5	<0.2
1119649	Soil		12	47	0.72	366	0.089	2	1.63	0.023	0.09	0.2	0.04	4.5	<0.1	<0.05	5	<0.5	<0.2
1119647	Soil		15	31	0.45	379	0.082	2	1.45	0.012	0.13	0.1	<0.01	3.1	<0.1	<0.05	5	<0.5	<0.2
1119641	Soil		17	44	1.30	865	0.169	<1	2.46	0.016	0.66	<0.1	0.04	11.1	0.2	<0.05	9	<0.5	<0.2
1119640	Soil		19	20	0.66	538	0.080	<1	1.67	0.009	0.75	<0.1	<0.01	4.9	0.2	<0.05	8	<0.5	<0.2
1119638	Soil		24	24	0.57	583	0.054	2	1.66	0.012	0.49	<0.1	0.03	7.7	0.1	<0.05	6	<0.5	<0.2
1119648	Soil		13	37	0.57	540	0.077	4	1.56	0.016	0.15	0.2	0.05	4.6	<0.1	<0.05	5	<0.5	<0.2
1119636	Soil		10	47	1.27	570	0.222	2	2.38	0.013	1.12	<0.1	<0.01	4.3	0.2	<0.05	9	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1119643	Soil	0.8	20.1	10.4	64	<0.1	19.8	11.2	372	2.86	5.8	0.7	1.3	6.2	20	<0.1	0.6	0.1	58	0.38	0.033
1119637	Soil	0.5	22.6	7.1	84	<0.1	12.1	12.2	464	3.46	3.1	0.2	<0.5	3.1	26	<0.1	0.3	<0.1	66	0.31	0.049
1118623	Soil	0.6	20.8	12.2	79	<0.1	21.5	9.9	241	3.01	6.6	0.9	<0.5	7.9	15	<0.1	0.6	0.2	43	0.17	0.021
1119642	Soil	0.4	31.5	6.3	79	<0.1	21.6	18.7	606	4.48	3.4	0.5	<0.5	5.4	25	<0.1	0.7	<0.1	114	0.49	0.042
1118614	Soil	0.6	43.2	5.8	72	<0.1	50.3	20.5	434	3.90	4.2	0.3	<0.5	2.7	23	<0.1	0.5	<0.1	85	0.39	0.027
1118618	Soil	0.6	25.1	6.1	138	<0.1	15.4	12.5	298	3.37	5.0	0.4	<0.5	2.2	14	<0.1	0.3	<0.1	81	0.17	0.028
1119646	Soil	1.0	19.1	16.1	47	<0.1	16.8	8.5	350	2.27	6.3	0.8	1.1	4.6	24	<0.1	0.6	0.1	48	0.34	0.023
1119639	Soil	0.5	28.6	6.0	94	<0.1	13.6	13.0	588	3.86	5.2	0.5	<0.5	5.1	23	<0.1	0.5	<0.1	64	0.40	0.087
1118633	Soil	0.6	34.6	9.0	88	<0.1	19.4	26.7	500	6.96	3.6	0.6	<0.5	6.5	15	<0.1	0.3	0.1	158	0.17	0.029
1118627	Soil	1.0	26.3	14.4	68	<0.1	24.8	11.3	295	3.31	7.3	1.1	2.5	9.9	24	<0.1	0.7	0.2	61	0.19	0.015
1118616	Soil	0.9	27.3	9.2	58	<0.1	26.7	9.9	223	2.73	8.0	0.6	1.4	3.9	22	<0.1	0.6	0.2	63	0.27	0.046
1118602	Soil	0.5	44.8	3.6	73	<0.1	42.8	23.4	535	4.28	4.1	0.2	<0.5	2.3	11	<0.1	0.5	<0.1	100	0.22	0.046
1118626	Soil	1.1	20.9	11.4	59	<0.1	23.5	10.3	251	3.38	9.8	0.9	1.8	6.9	21	<0.1	0.6	0.2	74	0.15	0.015
1118628	Soil	0.8	25.9	10.3	57	<0.1	24.0	10.0	248	2.80	9.9	1.0	1.4	6.3	20	<0.1	0.6	0.2	63	0.19	0.013
1118619	Soil	0.9	32.7	6.0	95	<0.1	24.8	19.0	452	4.48	5.9	0.3	<0.5	2.0	14	0.1	0.5	<0.1	90	0.17	0.022
1118620	Soil	0.8	24.7	7.6	85	<0.1	16.1	15.1	394	4.46	7.7	0.5	<0.5	3.5	13	<0.1	0.4	0.2	82	0.12	0.023
1118629	Soil	0.7	24.5	6.9	70	<0.1	27.1	17.1	405	3.84	5.7	0.8	0.6	7.1	21	<0.1	0.4	0.2	94	0.22	0.018
1118617	Soil	1.0	26.4	8.2	58	<0.1	26.5	10.4	240	2.65	7.8	0.6	2.8	4.0	22	0.1	0.6	0.1	64	0.28	0.041
1118621	Soil	0.6	17.0	10.5	57	<0.1	9.9	6.7	224	2.66	4.1	0.9	2.1	6.1	21	<0.1	0.7	0.2	62	0.23	0.023
1118624	Soil	1.2	18.7	10.8	63	<0.1	21.7	9.4	208	2.96	12.6	0.6	0.7	3.4	15	<0.1	0.7	0.2	70	0.11	0.021
1118625	Soil	0.8	26.0	7.5	86	<0.1	54.1	20.1	396	4.66	5.4	0.7	<0.5	8.5	15	<0.1	0.2	0.2	97	0.15	0.027
1118634	Soil	0.3	51.2	4.5	60	<0.1	40.2	18.0	378	3.84	3.2	1.1	0.6	10.3	18	<0.1	0.3	<0.1	98	0.32	0.052
1118615	Soil	1.1	37.3	7.8	67	<0.1	36.7	16.0	365	3.47	8.3	0.7	1.1	3.3	21	<0.1	0.5	0.1	82	0.33	0.043
1118622	Soil	0.9	31.1	10.4	87	<0.1	17.6	23.2	621	6.25	3.3	1.3	<0.5	10.9	16	<0.1	1.4	0.5	77	0.25	0.098
1118605	Soil	0.7	32.6	6.8	76	<0.1	35.8	20.0	575	4.09	5.3	0.5	0.8	3.8	21	<0.1	0.6	0.1	95	0.33	0.037
1118604	Soil	0.9	47.6	3.4	90	<0.1	36.2	24.9	783	4.86	3.4	0.5	<0.5	3.4	22	<0.1	0.4	<0.1	108	0.54	0.067
1118606	Soil	0.7	30.4	5.2	82	<0.1	40.9	22.6	499	4.74	3.8	0.2	<0.5	2.5	12	<0.1	0.6	<0.1	110	0.21	0.030
1118630	Soil	0.4	31.8	11.0	96	<0.1	35.4	21.6	473	5.83	6.5	0.9	<0.5	10.0	20	<0.1	0.5	0.3	131	0.17	0.021
1118613	Soil	0.6	33.6	8.1	73	<0.1	35.6	14.4	363	3.26	6.8	0.8	2.0	4.5	29	<0.1	0.5	0.1	75	0.37	0.029
1118607	Soil	0.8	34.5	7.6	92	<0.1	40.5	22.9	489	4.53	7.5	0.4	<0.5	3.5	16	<0.1	0.6	<0.1	100	0.20	0.016

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

Project: CHA
Report Date: August 14, 2011

CERTIFICATE OF ANALYSIS DAW11000101.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1119643	Soil	17	39	0.68	401	0.112	2	1.61	0.014	0.29	0.1	0.02	4.6	0.1	<0.05	6	<0.5	<0.2
1119637	Soil	7	26	0.98	514	0.199	1	2.06	0.010	0.84	<0.1	<0.01	2.6	0.2	<0.05	7	<0.5	<0.2
1118623	Soil	24	26	0.45	370	0.047	2	1.75	0.008	0.13	<0.1	0.01	2.7	0.1	<0.05	5	<0.5	<0.2
1119642	Soil	10	48	1.39	604	0.207	3	2.42	0.014	0.82	<0.1	0.02	7.5	0.2	<0.05	10	<0.5	<0.2
1118614	Soil	6	139	1.86	403	0.204	2	2.89	0.016	0.27	<0.1	<0.01	4.3	0.2	<0.05	7	<0.5	<0.2
1118618	Soil	7	28	1.10	393	0.200	2	2.62	0.011	0.59	<0.1	<0.01	2.8	0.3	<0.05	11	<0.5	<0.2
1119646	Soil	19	34	0.45	472	0.072	2	1.26	0.011	0.23	0.1	0.02	4.5	<0.1	<0.05	5	<0.5	<0.2
1119639	Soil	12	25	1.00	688	0.113	<1	1.93	0.013	0.48	<0.1	0.01	4.1	0.1	<0.05	8	<0.5	<0.2
1118633	Soil	22	35	1.63	837	0.235	1	3.59	0.017	0.86	<0.1	0.01	8.6	0.3	<0.05	11	<0.5	<0.2
1118627	Soil	30	44	0.56	446	0.086	1	1.86	0.012	0.13	0.1	0.02	4.7	0.1	<0.05	6	<0.5	<0.2
1118616	Soil	12	46	0.70	246	0.085	2	1.86	0.013	0.05	0.2	0.02	3.4	<0.1	<0.05	6	<0.5	<0.2
1118602	Soil	3	148	2.03	374	0.227	1	2.69	0.016	0.65	<0.1	0.01	4.9	0.2	<0.05	7	<0.5	<0.2
1118626	Soil	19	46	0.61	487	0.116	1	2.13	0.012	0.12	0.1	0.02	4.6	0.1	<0.05	7	<0.5	<0.2
1118628	Soil	22	42	0.57	457	0.077	<1	1.64	0.011	0.06	0.1	0.02	5.0	<0.1	<0.05	5	<0.5	<0.2
1118619	Soil	5	58	1.36	499	0.206	<1	3.11	0.015	0.48	<0.1	<0.01	4.1	0.2	<0.05	9	<0.5	<0.2
1118620	Soil	9	29	0.91	522	0.142	<1	2.99	0.009	0.56	0.1	0.03	4.0	0.2	0.10	8	0.7	<0.2
1118629	Soil	27	53	1.22	597	0.209	<1	2.46	0.010	0.57	<0.1	0.01	5.0	0.2	<0.05	7	<0.5	<0.2
1118617	Soil	13	48	0.71	245	0.103	2	1.79	0.014	0.06	0.1	0.02	3.5	<0.1	<0.05	5	<0.5	<0.2
1118621	Soil	22	24	0.44	728	0.062	<1	1.65	0.010	0.20	<0.1	<0.01	4.5	0.1	<0.05	6	<0.5	<0.2
1118624	Soil	10	35	0.49	326	0.076	1	2.30	0.010	0.07	0.1	0.02	3.0	<0.1	<0.05	8	<0.5	<0.2
1118625	Soil	25	157	1.78	416	0.225	1	3.07	0.011	0.65	<0.1	<0.01	5.9	0.3	<0.05	11	<0.5	<0.2
1118634	Soil	49	154	1.57	465	0.214	<1	2.36	0.018	0.41	<0.1	<0.01	8.2	0.2	<0.05	9	<0.5	<0.2
1118615	Soil	10	88	1.15	412	0.160	1	2.16	0.018	0.20	0.1	0.02	4.1	0.1	<0.05	7	<0.5	<0.2
1118622	Soil	25	28	0.78	511	0.142	1	2.27	0.011	0.71	<0.1	0.01	7.6	0.2	<0.05	9	<0.5	<0.2
1118605	Soil	9	98	1.41	562	0.160	<1	2.30	0.013	0.35	<0.1	<0.01	6.4	0.2	<0.05	8	<0.5	<0.2
1118604	Soil	10	126	2.34	946	0.219	<1	2.92	0.015	0.70	<0.1	0.01	10.0	0.3	<0.05	8	<0.5	<0.2
1118606	Soil	4	137	1.89	394	0.217	<1	3.01	0.012	0.55	<0.1	0.02	5.7	0.2	<0.05	9	<0.5	<0.2
1118630	Soil	35	84	1.73	663	0.209	<1	3.36	0.010	0.81	<0.1	<0.01	7.8	0.3	<0.05	13	<0.5	<0.2
1118613	Soil	13	77	1.15	542	0.154	1	2.03	0.015	0.14	0.1	0.02	4.4	0.1	<0.05	6	<0.5	<0.2
1118607	Soil	8	121	1.66	526	0.185	1	2.80	0.013	0.54	<0.1	<0.01	6.9	0.3	<0.05	8	<0.5	<0.2

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Client: **Ryan Gold Corp.**
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Project: CHA
Report Date: August 14, 2011

CERTIFICATE OF ANALYSIS DAW11000101.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1118611	Soil	1.0	44.7	8.5	74	0.1	40.2	17.4	427	3.74	9.0	0.7	1.2	4.0	23	0.2	0.5	0.2	87	0.31	0.077
1118631	Soil	0.5	15.1	10.0	107	<0.1	22.5	20.4	400	4.69	4.6	0.8	1.0	5.2	17	<0.1	0.4	0.2	106	0.14	0.024
1118609	Soil	0.6	67.1	5.4	95	<0.1	58.2	30.7	690	5.92	5.3	0.2	<0.5	3.1	19	<0.1	0.7	<0.1	150	0.28	0.029
1118608	Soil	1.8	31.6	7.3	100	<0.1	53.5	22.3	457	4.65	8.3	0.2	<0.5	2.7	23	<0.1	0.5	<0.1	113	0.18	0.023
1118603	Soil	0.3	42.1	3.4	73	<0.1	42.9	23.1	585	4.03	3.1	0.3	<0.5	2.7	21	<0.1	0.7	<0.1	99	0.37	0.051
1118632	Soil	0.4	38.1	7.2	89	<0.1	17.9	27.4	574	6.56	3.1	0.7	<0.5	6.6	15	<0.1	0.3	0.1	166	0.18	0.028
1118612	Soil	0.5	27.3	5.4	79	<0.1	38.0	17.5	439	3.47	3.4	0.3	<0.5	2.9	23	<0.1	0.3	<0.1	82	0.28	0.035
1118601	Soil	0.3	43.0	3.0	64	<0.1	36.3	19.6	487	3.36	3.7	0.5	<0.5	4.3	21	<0.1	0.4	<0.1	84	0.39	0.058
1118610	Soil	0.8	37.9	7.5	97	<0.1	56.0	27.9	559	5.45	7.4	0.3	<0.5	2.8	18	0.1	0.4	<0.1	116	0.22	0.041

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Project: CHA
Report Date: August 14, 2011

CERTIFICATE OF ANALYSIS DAW11000101.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1118611	Soil	11	90	1.16	322	0.152	2	2.43	0.014	0.21	0.1	0.03	3.8	0.2	<0.05	7	<0.5	<0.2
1118631	Soil	14	28	1.41	429	0.131	<1	3.16	0.010	0.61	<0.1	0.01	5.1	0.2	<0.05	11	<0.5	<0.2
1118609	Soil	3	219	2.89	606	0.221	1	3.69	0.013	0.31	<0.1	<0.01	9.6	0.1	<0.05	13	<0.5	<0.2
1118608	Soil	3	157	2.27	304	0.250	<1	3.96	0.011	0.25	<0.1	0.01	3.6	0.2	<0.05	10	<0.5	<0.2
1118603	Soil	4	143	2.26	580	0.195	<1	2.70	0.016	0.59	<0.1	<0.01	6.5	0.2	<0.05	7	<0.5	<0.2
1118632	Soil	23	27	1.68	862	0.245	<1	3.35	0.016	0.91	<0.1	0.02	9.4	0.3	<0.05	12	<0.5	<0.2
1118612	Soil	6	107	1.67	354	0.187	<1	2.43	0.013	0.41	<0.1	<0.01	3.1	0.2	<0.05	8	<0.5	<0.2
1118601	Soil	12	116	1.80	596	0.214	<1	2.32	0.016	0.67	<0.1	<0.01	4.7	0.3	<0.05	6	<0.5	<0.2
1118610	Soil	5	170	2.57	289	0.169	1	4.27	0.011	0.16	<0.1	0.01	6.6	0.1	<0.05	10	<0.5	<0.2

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Client: **Ryan Gold Corp.**
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Project: CHA
Report Date: August 14, 2011

QUALITY CONTROL REPORT DAW11000101.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1118868	Soil	0.7	37.2	10.9	76	<0.1	22.0	11.5	339	3.78	47.4	1.6	3.2	8.9	26	<0.1	1.3	0.2	62	0.35	0.050
REP 1118868	QC	0.7	39.5	12.5	81	<0.1	23.3	11.7	348	3.96	48.8	1.7	3.0	9.3	26	<0.1	1.2	0.1	64	0.36	0.050
1118862	Soil	1.4	15.1	11.3	52	<0.1	14.5	11.3	291	3.62	18.0	0.5	0.8	3.5	16	<0.1	1.6	0.1	77	0.16	0.023
REP 1118862	QC	1.3	14.8	11.4	50	<0.1	14.2	11.0	285	3.57	17.7	0.5	1.4	3.5	16	<0.1	1.5	0.2	79	0.16	0.023
1117832	Soil	0.3	103.8	3.0	66	<0.1	11.6	16.4	403	3.75	1.5	0.4	1.1	2.3	24	<0.1	0.4	0.4	92	0.45	0.101
REP 1117832	QC	0.2	104.7	3.0	67	<0.1	11.6	16.5	410	3.75	1.5	0.5	1.5	2.3	24	<0.1	0.5	0.4	93	0.45	0.101
1118560	Soil	0.4	51.2	5.8	65	<0.1	12.3	17.7	488	3.85	2.5	0.3	0.9	1.6	26	<0.1	0.9	<0.1	112	0.39	0.027
REP 1118560	QC	0.4	52.9	5.5	68	<0.1	12.8	17.6	478	3.89	2.6	0.3	4.5	1.7	28	<0.1	0.8	<0.1	116	0.40	0.029
1118571	Soil	0.6	23.2	7.2	64	<0.1	18.5	10.9	302	2.80	6.0	1.0	1.1	3.8	29	<0.1	0.5	0.1	57	0.45	0.051
REP 1118571	QC	0.7	23.6	7.2	63	<0.1	18.3	10.4	292	2.75	6.6	0.9	1.6	3.7	29	0.1	0.5	0.1	56	0.45	0.052
1119844	Soil	0.5	45.6	8.2	74	<0.1	55.7	23.4	523	4.06	4.7	0.4	1.0	4.0	33	<0.1	0.8	<0.1	85	0.67	0.042
REP 1119844	QC	0.4	44.3	7.0	76	<0.1	54.7	22.9	513	3.98	4.4	0.3	<0.5	3.8	32	<0.1	0.7	<0.1	83	0.63	0.040
1119637	Soil	0.5	22.6	7.1	84	<0.1	12.1	12.2	464	3.46	3.1	0.2	<0.5	3.1	26	<0.1	0.3	<0.1	66	0.31	0.049
REP 1119637	QC	0.5	23.6	7.2	84	<0.1	12.6	12.8	472	3.52	3.1	0.3	0.6	3.2	26	<0.1	0.3	<0.1	67	0.29	0.051
1118628	Soil	0.8	25.9	10.3	57	<0.1	24.0	10.0	248	2.80	9.9	1.0	1.4	6.3	20	<0.1	0.6	0.2	63	0.19	0.013
REP 1118628	QC	0.8	25.5	10.1	56	<0.1	24.5	10.5	250	2.74	10.1	0.9	1.6	6.5	21	<0.1	0.6	0.2	63	0.19	0.014
1118608	Soil	1.8	31.6	7.3	100	<0.1	53.5	22.3	457	4.65	8.3	0.2	<0.5	2.7	23	<0.1	0.5	<0.1	113	0.18	0.023
REP 1118608	QC	2.0	33.4	7.2	103	<0.1	54.2	22.3	485	4.86	8.8	0.2	<0.5	2.9	24	<0.1	0.5	<0.1	116	0.19	0.023
Reference Materials																					
STD DS8	Standard	15.6	121.5	130.7	324	1.9	43.4	8.3	675	2.65	28.5	3.0	118.3	7.8	70	2.3	6.5	6.9	51	0.74	0.084
STD DS8	Standard	13.3	110.4	110.1	290	1.7	39.1	7.9	601	2.49	23.8	2.6	112.9	6.5	57	2.3	5.1	5.9	42	0.68	0.082
STD DS8	Standard	12.4	114.2	118.4	318	1.9	38.5	7.6	610	2.48	26.4	2.6	113.9	6.1	60	2.5	5.2	6.5	42	0.67	0.080
STD DS8	Standard	12.7	109.1	119.0	323	2.0	38.2	7.8	614	2.52	28.3	2.5	107.9	6.5	61	2.4	5.7	6.2	46	0.66	0.082
STD DS8	Standard	14.4	115.2	124.0	324	1.9	39.7	8.0	648	2.60	27.6	2.8	132.1	7.1	72	2.5	5.9	6.9	44	0.79	0.083
STD DS8	Standard	13.7	108.3	130.7	309	1.8	38.6	7.7	600	2.46	25.9	2.9	114.0	7.3	68	2.3	5.6	6.9	43	0.70	0.076
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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600 - 666 Burrard St.
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Project: CHA
Report Date: August 14, 2011

QUALITY CONTROL REPORT DAW11000101.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1118868	Soil	24	29	0.73	525	0.046	1	1.94	0.008	0.23	0.2	0.03	6.7	0.1	<0.05	8	<0.5	<0.2
REP 1118868	QC	25	30	0.78	536	0.049	<1	1.99	0.009	0.25	0.1	0.03	6.9	0.1	<0.05	8	<0.5	<0.2
1118862	Soil	13	26	0.54	271	0.032	<1	1.75	0.009	0.08	0.2	<0.01	3.7	<0.1	<0.05	6	<0.5	<0.2
REP 1118862	QC	13	26	0.54	268	0.035	1	1.73	0.008	0.09	0.2	<0.01	3.8	<0.1	<0.05	6	<0.5	<0.2
1117832	Soil	7	25	0.98	500	0.149	<1	2.08	0.016	0.55	<0.1	<0.01	5.1	0.1	<0.05	7	<0.5	<0.2
REP 1117832	QC	7	25	0.95	503	0.154	<1	2.11	0.019	0.55	<0.1	0.01	5.3	0.1	<0.05	7	<0.5	<0.2
1118560	Soil	5	27	1.36	445	0.178	<1	2.12	0.020	0.36	0.1	<0.01	7.8	0.1	<0.05	7	<0.5	<0.2
REP 1118560	QC	5	28	1.32	455	0.185	<1	2.22	0.021	0.36	0.1	<0.01	7.9	0.2	<0.05	7	0.5	<0.2
1118571	Soil	12	28	0.65	356	0.092	<1	1.79	0.014	0.10	0.2	0.03	3.7	<0.1	<0.05	6	<0.5	<0.2
REP 1118571	QC	12	27	0.63	359	0.092	<1	1.81	0.015	0.09	0.2	0.04	3.8	<0.1	<0.05	6	<0.5	<0.2
1119844	Soil	6	159	1.99	656	0.243	2	2.75	0.017	0.49	<0.1	0.02	5.8	0.2	<0.05	7	<0.5	<0.2
REP 1119844	QC	6	155	1.99	654	0.234	1	2.65	0.016	0.47	<0.1	0.01	5.8	0.2	<0.05	7	<0.5	<0.2
1119637	Soil	7	26	0.98	514	0.199	1	2.06	0.010	0.84	<0.1	<0.01	2.6	0.2	<0.05	7	<0.5	<0.2
REP 1119637	QC	6	25	0.99	516	0.204	1	2.11	0.010	0.84	<0.1	<0.01	2.6	0.2	<0.05	7	<0.5	<0.2
1118628	Soil	22	42	0.57	457	0.077	<1	1.64	0.011	0.06	0.1	0.02	5.0	<0.1	<0.05	5	<0.5	<0.2
REP 1118628	QC	24	43	0.57	481	0.077	1	1.62	0.012	0.07	0.1	0.02	4.7	<0.1	<0.05	5	<0.5	<0.2
1118608	Soil	3	157	2.27	304	0.250	<1	3.96	0.011	0.25	<0.1	0.01	3.6	0.2	<0.05	10	<0.5	<0.2
REP 1118608	QC	3	163	2.18	312	0.266	2	3.92	0.011	0.25	<0.1	0.01	3.8	0.2	<0.05	11	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	16	137	0.65	303	0.140	3	0.98	0.095	0.45	3.1	0.20	2.5	5.7	0.18	5	5.5	5.6
STD DS8	Standard	13	115	0.61	284	0.108	2	0.89	0.088	0.45	3.1	0.18	2.2	5.4	0.14	4	5.4	4.8
STD DS8	Standard	13	117	0.60	274	0.106	2	0.90	0.080	0.42	2.9	0.21	1.9	5.4	0.21	5	5.3	4.7
STD DS8	Standard	14	114	0.61	301	0.109	3	0.88	0.086	0.42	3.1	0.21	1.9	5.7	0.18	5	5.8	4.6
STD DS8	Standard	17	124	0.67	298	0.128	4	0.99	0.092	0.44	3.1	0.23	2.3	5.6	0.18	5	4.9	4.7
STD DS8	Standard	16	120	0.62	274	0.127	2	0.91	0.086	0.41	2.8	0.22	2.4	5.2	0.15	5	5.2	5.1
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

Project: CHA
Report Date: August 14, 2011

QUALITY CONTROL REPORT DAW11000101.1

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

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

Project: CHA
Report Date: August 14, 2011

QUALITY CONTROL REPORT DAW11000101.1

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

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

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: July 24, 2011
Report Date: August 15, 2011
Page: 1 of 7

CERTIFICATE OF ANALYSIS DAW11000104.1

CLIENT JOB INFORMATION

Project: CHA
Shipment ID: CHA2011-15
P.O. Number
Number of Samples: 167

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	167	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	167	Dry at 60C			WHI
1DX2	167	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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

Project: CHA
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS DAW11000104.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1117885	Soil	0.7	21.3	6.3	68	<0.1	29.2	15.8	351	3.45	3.0	0.3	1.0	2.0	18	<0.1	0.8	<0.1	88	0.26	0.024
1117867	Soil	1.0	15.2	10.4	54	<0.1	19.7	9.5	317	2.51	7.5	0.3	1.1	2.7	13	<0.1	0.6	0.2	66	0.13	0.013
1117871	Soil	0.7	26.3	8.0	58	<0.1	23.1	12.5	413	2.80	6.0	1.0	1.9	4.3	20	0.1	0.6	0.1	65	0.30	0.039
1117873	Soil	0.4	27.4	7.3	75	<0.1	30.4	19.3	468	3.50	3.2	0.3	<0.5	3.2	15	<0.1	0.6	<0.1	78	0.28	0.035
1117886	Soil	0.6	25.2	8.9	80	<0.1	26.8	17.4	535	3.31	3.6	0.6	0.7	3.8	22	0.1	1.5	<0.1	65	0.30	0.033
1117868	Soil	0.3	12.0	6.7	89	<0.1	31.5	18.2	368	3.29	2.9	0.2	0.5	1.3	15	<0.1	0.5	<0.1	68	0.25	0.024
1117872	Soil	0.8	17.4	13.0	62	<0.1	19.6	10.3	293	2.59	6.6	0.6	1.7	3.4	18	0.1	0.9	0.1	49	0.23	0.026
1117874	Soil	0.9	18.7	10.6	63	<0.1	22.3	13.1	324	3.21	5.9	0.4	3.3	3.3	19	<0.1	0.9	0.1	65	0.20	0.018
1117883	Soil	0.5	30.6	3.3	71	<0.1	34.8	17.8	420	3.29	2.9	0.2	<0.5	2.5	10	<0.1	0.3	<0.1	81	0.10	0.018
1117865	Soil	0.6	19.7	3.8	65	<0.1	31.5	16.7	352	3.03	3.4	0.2	<0.5	1.5	15	<0.1	0.2	<0.1	73	0.17	0.020
1117869	Soil	0.6	107.9	3.3	54	<0.1	17.9	13.3	400	3.36	3.7	0.2	<0.5	1.2	7	<0.1	0.6	<0.1	86	0.19	0.042
1117876	Soil	0.4	55.9	8.6	123	<0.1	52.6	34.4	1214	6.31	1.1	0.8	0.8	5.1	14	0.1	1.4	0.1	91	0.33	0.069
1117884	Soil	0.5	35.2	5.2	95	<0.1	39.2	20.3	594	3.72	2.2	0.2	1.0	2.0	19	<0.1	0.6	<0.1	84	0.22	0.044
1117866	Soil	0.4	28.2	2.9	81	<0.1	40.2	21.3	480	3.61	2.1	0.2	<0.5	2.1	8	<0.1	0.1	<0.1	79	0.13	0.022
1117870	Soil	0.6	52.2	8.4	79	<0.1	28.3	18.5	540	4.14	5.6	0.9	1.6	4.1	26	<0.1	0.8	0.1	73	0.39	0.037
1117875	Soil	0.6	17.2	5.1	82	<0.1	42.1	25.7	539	4.22	5.2	0.5	2.2	4.5	30	<0.1	1.2	<0.1	79	0.36	0.016
1117863	Soil	1.3	52.3	6.2	65	<0.1	26.5	14.8	416	3.32	6.1	0.5	1.7	2.9	17	<0.1	0.7	0.1	76	0.22	0.053
1117859	Soil	8.0	27.0	11.5	54	<0.1	18.4	10.7	292	2.89	8.1	0.5	1.5	2.9	16	<0.1	0.6	0.2	69	0.17	0.024
1117877	Soil	1.2	21.7	14.6	52	<0.1	21.3	9.4	245	2.69	8.3	0.6	0.7	4.2	19	0.1	0.8	0.1	63	0.15	0.017
1117887	Soil	0.7	24.4	7.2	77	<0.1	29.2	16.8	443	3.29	5.1	0.4	<0.5	3.3	23	<0.1	1.1	<0.1	66	0.30	0.037
1117862	Soil	1.6	23.6	9.1	59	<0.1	21.8	13.0	337	2.72	7.1	0.6	2.7	3.4	20	0.1	0.5	0.1	61	0.25	0.039
1117858	Soil	1.2	41.9	6.9	64	<0.1	20.1	14.8	400	3.51	5.3	0.7	4.0	3.8	25	<0.1	0.7	<0.1	73	0.27	0.030
1117878	Soil	0.6	26.5	6.7	76	<0.1	30.5	15.4	679	3.19	5.8	0.3	0.8	3.2	26	0.1	0.8	<0.1	75	0.36	0.037
1117882	Soil	0.8	10.0	7.8	45	<0.1	14.6	9.4	218	2.17	4.2	0.4	0.8	2.1	13	<0.1	0.6	<0.1	43	0.13	0.013
1117864	Soil	2.1	46.5	5.0	41	<0.1	25.7	12.5	273	2.71	4.6	0.2	<0.5	2.4	9	<0.1	0.2	<0.1	81	0.17	0.050
1117861	Soil	1.5	38.4	6.8	70	<0.1	32.2	17.6	457	3.34	4.9	0.6	<0.5	3.1	25	<0.1	1.0	<0.1	74	0.34	0.042
1117879	Soil	0.8	61.9	4.6	85	<0.1	49.9	28.4	667	5.78	4.7	0.4	<0.5	3.4	14	<0.1	1.9	<0.1	130	0.19	0.043
1117881	Soil	0.7	25.6	9.2	68	<0.1	27.7	15.5	310	3.18	4.4	0.4	0.5	2.7	15	<0.1	1.4	<0.1	67	0.16	0.022
1119631	Soil	0.6	28.8	6.2	77	<0.1	12.3	18.7	871	4.52	3.4	0.3	0.9	1.7	26	<0.1	1.4	<0.1	114	0.22	0.034
1117860	Soil	5.7	45.0	8.9	66	<0.1	26.6	14.3	400	3.21	6.3	0.6	1.9	3.9	22	<0.1	0.8	0.2	70	0.35	0.034

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Client: **Ryan Gold Corp.**
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Project: CHA
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS DAW11000104.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1117885	Soil		4	113	1.50	564	0.169	1	2.15	0.009	0.39	<0.1	<0.01	4.2	0.2	<0.05	8	<0.5	<0.2
1117867	Soil		10	36	0.48	381	0.071	1	1.92	0.008	0.07	<0.1	0.01	2.5	0.1	<0.05	6	<0.5	<0.2
1117871	Soil		17	61	0.88	470	0.089	1	1.74	0.011	0.16	0.1	0.03	6.1	0.1	<0.05	6	<0.5	<0.2
1117873	Soil		8	100	1.52	515	0.165	<1	2.16	0.010	0.49	<0.1	0.01	5.3	0.2	<0.05	6	<0.5	<0.2
1117886	Soil		10	79	1.16	652	0.088	<1	2.03	0.008	0.30	<0.1	0.01	5.9	0.2	<0.05	6	<0.5	<0.2
1117868	Soil		2	112	1.89	422	0.184	<1	2.73	0.010	0.51	<0.1	<0.01	2.9	0.3	<0.05	6	<0.5	<0.2
1117872	Soil		11	40	0.51	550	0.041	<1	1.26	0.010	0.07	0.1	0.03	4.8	<0.1	<0.05	4	<0.5	<0.2
1117874	Soil		8	56	0.79	369	0.055	1	1.94	0.009	0.08	<0.1	0.02	4.1	<0.1	<0.05	5	<0.5	<0.2
1117883	Soil		4	121	1.93	381	0.201	<1	2.74	0.010	0.60	<0.1	<0.01	2.8	0.2	<0.05	7	<0.5	<0.2
1117865	Soil		2	108	1.81	348	0.190	<1	2.72	0.011	0.58	<0.1	<0.01	2.1	0.2	<0.05	6	<0.5	<0.2
1117869	Soil		2	72	1.27	282	0.192	<1	2.00	0.016	0.61	<0.1	0.02	3.7	0.2	<0.05	6	<0.5	<0.2
1117876	Soil		16	158	1.79	878	0.017	<1	3.13	0.006	0.25	<0.1	0.03	20.1	<0.1	<0.05	10	<0.5	<0.2
1117884	Soil		3	132	2.03	542	0.195	<1	2.55	0.012	0.86	<0.1	0.01	4.1	0.2	<0.05	8	<0.5	<0.2
1117866	Soil		2	125	2.37	277	0.222	<1	2.75	0.012	1.15	<0.1	0.02	2.1	0.4	<0.05	6	<0.5	<0.2
1117870	Soil		17	70	0.93	634	0.054	<1	2.14	0.010	0.15	<0.1	0.01	9.1	0.1	<0.05	6	<0.5	<0.2
1117875	Soil		13	127	2.48	688	0.119	<1	3.20	0.015	0.24	<0.1	0.01	6.5	0.2	<0.05	8	<0.5	<0.2
1117863	Soil		7	81	1.31	316	0.144	<1	2.24	0.012	0.42	<0.1	0.03	3.4	0.2	<0.05	6	<0.5	<0.2
1117859	Soil		7	48	0.73	248	0.103	1	1.92	0.011	0.13	<0.1	0.02	3.4	0.1	<0.05	6	<0.5	<0.2
1117877	Soil		11	52	0.62	280	0.076	1	1.99	0.012	0.06	<0.1	0.02	3.1	<0.1	<0.05	6	<0.5	<0.2
1117887	Soil		10	79	1.18	718	0.109	<1	1.95	0.011	0.29	<0.1	0.03	4.5	0.1	<0.05	6	<0.5	<0.2
1117862	Soil		10	49	0.86	350	0.095	<1	2.11	0.012	0.08	0.1	0.02	3.5	<0.1	<0.05	5	<0.5	<0.2
1117858	Soil		9	51	1.07	524	0.122	<1	2.14	0.012	0.36	<0.1	0.03	5.9	0.2	<0.05	5	0.6	<0.2
1117878	Soil		7	87	1.27	429	0.110	<1	2.12	0.012	0.16	<0.1	0.01	4.2	<0.1	<0.05	7	<0.5	<0.2
1117882	Soil		6	36	0.58	440	0.047	<1	1.80	0.008	0.11	<0.1	0.01	2.6	<0.1	<0.05	6	<0.5	<0.2
1117864	Soil		4	88	1.21	278	0.217	<1	1.75	0.014	0.51	<0.1	0.01	1.6	0.2	<0.05	6	<0.5	<0.2
1117861	Soil		8	90	1.50	556	0.147	<1	2.16	0.015	0.30	0.1	0.02	4.7	0.2	<0.05	6	<0.5	<0.2
1117879	Soil		4	196	2.79	572	0.192	<1	3.88	0.011	0.61	0.2	0.01	9.6	0.2	<0.05	10	<0.5	<0.2
1117881	Soil		7	79	1.10	376	0.083	<1	2.26	0.009	0.23	<0.1	0.01	4.3	<0.1	<0.05	6	<0.5	<0.2
1119631	Soil		4	24	1.20	333	0.035	<1	2.76	0.007	0.16	<0.1	0.01	6.0	<0.1	<0.05	8	<0.5	<0.2
1117860	Soil		10	65	0.94	390	0.128	1	2.01	0.013	0.19	<0.1	0.03	4.9	0.1	<0.05	6	<0.5	<0.2

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

Project: CHA
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS DAW11000104.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1117888	Soil	0.8	21.1	9.8	58	<0.1	21.7	11.5	300	2.77	6.0	0.8	2.1	3.8	25	<0.1	0.7	0.1	58	0.32	0.030
1117880	Soil	1.1	21.0	10.5	63	<0.1	23.0	11.3	252	3.20	8.8	0.4	1.6	2.6	12	0.1	0.6	0.1	63	0.10	0.031
1119717	Soil	0.4	30.3	3.9	66	<0.1	11.1	17.0	411	4.46	2.9	0.2	<0.5	1.8	11	<0.1	0.8	<0.1	112	0.18	0.022
1119625	Soil	0.5	139.0	6.2	48	<0.1	6.3	14.7	371	4.17	1.7	0.3	<0.5	1.7	10	<0.1	1.5	<0.1	79	0.13	0.036
1119635	Soil	0.8	12.0	8.6	60	<0.1	13.6	11.1	555	2.50	4.0	0.3	1.1	2.0	26	0.1	0.4	0.1	57	0.24	0.048
1119634	Soil	0.7	23.4	5.9	73	<0.1	12.4	13.9	405	3.59	3.8	0.3	<0.5	1.9	27	<0.1	0.5	<0.1	84	0.18	0.031
1119721	Soil	0.8	25.3	7.8	73	<0.1	14.5	17.6	546	3.97	3.4	0.3	<0.5	2.1	10	<0.1	0.7	<0.1	85	0.16	0.042
1119626	Soil	0.7	20.8	6.7	69	<0.1	11.6	15.5	524	4.50	5.3	0.4	1.0	2.1	13	<0.1	1.3	<0.1	92	0.13	0.026
1119629	Soil	0.6	32.3	5.4	57	<0.1	11.8	15.3	329	3.40	4.1	0.2	1.4	1.6	17	<0.1	0.3	<0.1	84	0.17	0.026
1119632	Soil	0.6	27.0	5.8	72	<0.1	12.2	17.7	804	4.44	3.0	0.3	<0.5	1.7	26	0.1	1.4	<0.1	113	0.23	0.034
1119714	Soil	1.2	24.9	11.3	61	<0.1	20.3	11.6	364	2.84	6.6	0.6	4.5	3.4	24	<0.1	0.6	0.1	63	0.25	0.035
1119713	Soil	0.8	30.6	9.7	50	0.1	19.2	8.0	252	2.28	6.1	0.9	1.6	3.0	23	<0.1	0.5	0.1	50	0.26	0.048
1119628	Soil	0.8	60.3	11.0	56	<0.1	9.1	15.5	238	4.58	5.3	0.4	1.4	1.8	25	<0.1	1.1	<0.1	105	0.27	0.024
1119630	Soil	0.7	12.5	7.6	49	<0.1	7.5	7.4	372	2.38	3.4	0.2	1.6	1.1	17	0.1	0.4	0.1	67	0.17	0.038
1119720	Soil	1.2	31.7	12.0	68	<0.1	26.4	11.2	314	3.28	10.7	0.8	1.1	5.3	14	<0.1	0.8	0.2	74	0.12	0.018
1119718	Soil	0.3	15.0	2.8	61	<0.1	25.4	18.3	472	3.77	2.8	0.2	1.1	2.1	10	<0.1	0.8	<0.1	95	0.12	0.018
1119633	Soil	0.6	37.0	5.0	86	<0.1	12.4	18.4	528	4.44	5.0	0.3	0.7	2.0	26	<0.1	0.4	<0.1	117	0.15	0.030
1119627	Soil	0.5	31.3	6.9	71	<0.1	9.0	18.8	591	4.85	3.5	0.5	0.5	1.9	17	<0.1	1.1	<0.1	91	0.17	0.021
1119622	Soil	0.5	58.1	7.2	57	<0.1	14.7	13.4	471	3.35	4.9	0.7	1.9	2.7	28	<0.1	0.4	0.1	79	0.29	0.031
1119607	Soil	1.4	16.8	11.8	44	<0.1	17.0	8.8	244	2.93	7.3	0.8	1.5	6.0	14	<0.1	0.5	0.2	64	0.12	0.022
1119724	Soil	1.2	22.3	8.0	67	<0.1	28.6	15.8	508	3.72	4.2	0.4	0.8	2.7	16	<0.1	1.5	<0.1	80	0.22	0.021
1119716	Soil	1.6	26.3	8.6	68	<0.1	32.3	17.0	457	3.72	7.9	0.5	2.2	3.7	15	<0.1	0.7	0.1	82	0.17	0.046
1119614	Soil	1.2	110.2	8.8	41	<0.1	12.5	9.8	224	2.65	7.5	0.7	4.1	3.9	14	<0.1	0.8	0.6	41	0.15	0.028
1119611	Soil	1.0	41.7	11.5	51	<0.1	18.2	9.6	377	3.15	5.0	0.5	1.2	3.8	15	<0.1	0.6	<0.1	78	0.17	0.016
1119715	Soil	0.9	18.4	7.3	71	<0.1	13.4	17.1	582	3.73	4.9	0.3	1.3	2.5	13	<0.1	0.6	<0.1	85	0.16	0.033
1119723	Soil	1.1	23.7	8.7	74	<0.1	31.1	17.5	486	3.77	3.3	0.4	0.6	3.3	12	<0.1	1.0	<0.1	80	0.17	0.023
1119624	Soil	0.1	25.1	3.0	75	<0.1	5.7	20.1	583	4.23	1.0	0.3	<0.5	2.1	18	<0.1	0.6	<0.1	80	0.16	0.031
1119609	Soil	1.0	11.0	10.5	65	<0.1	18.0	12.5	458	3.72	9.1	0.3	1.3	2.8	11	0.1	0.6	0.2	88	0.09	0.048
1119603	Soil	0.5	55.1	10.9	66	0.2	7.3	15.7	580	3.39	10.3	0.5	3.7	3.9	24	<0.1	1.5	<0.1	31	0.54	0.048
1119719	Soil	0.7	26.5	10.2	56	<0.1	22.9	11.9	404	2.96	9.3	0.9	3.3	5.1	18	<0.1	0.8	0.1	62	0.17	0.026

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Project: CHA
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS DAW11000104.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1117888	Soil	12	52	0.79	492	0.085	<1	1.78	0.014	0.10	<0.1	0.03	4.3	<0.1	<0.05	5	<0.5	<0.2
1117880	Soil	6	49	0.70	239	0.058	<1	2.45	0.008	0.11	<0.1	0.02	2.7	<0.1	<0.05	7	<0.5	<0.2
1119717	Soil	2	26	1.38	351	0.179	<1	3.04	0.016	0.41	<0.1	0.01	6.3	0.2	<0.05	7	<0.5	<0.2
1119625	Soil	6	15	1.16	338	0.088	<1	2.61	0.009	0.56	0.1	0.02	5.6	0.1	<0.05	6	<0.5	<0.2
1119635	Soil	6	23	0.52	423	0.059	<1	1.73	0.010	0.08	<0.1	0.02	1.9	<0.1	<0.05	5	<0.5	<0.2
1119634	Soil	4	22	1.05	321	0.153	<1	2.41	0.010	0.40	<0.1	<0.01	2.4	0.1	<0.05	7	<0.5	<0.2
1119721	Soil	3	39	1.29	338	0.171	<1	2.39	0.010	0.59	<0.1	<0.01	3.8	0.2	<0.05	6	<0.5	<0.2
1119626	Soil	6	20	1.15	286	0.102	<1	2.58	0.008	0.52	<0.1	0.02	5.1	0.1	<0.05	7	<0.5	<0.2
1119629	Soil	3	25	1.09	389	0.168	<1	2.46	0.014	0.44	<0.1	0.01	2.5	0.2	<0.05	5	<0.5	<0.2
1119632	Soil	4	26	1.24	340	0.037	<1	2.70	0.007	0.17	<0.1	0.01	6.0	<0.1	<0.05	8	<0.5	<0.2
1119714	Soil	11	32	0.72	388	0.093	<1	1.81	0.013	0.09	0.1	0.03	4.1	<0.1	<0.05	5	<0.5	<0.2
1119713	Soil	13	28	0.52	351	0.061	<1	1.60	0.012	0.05	0.1	0.03	3.7	<0.1	0.07	4	<0.5	<0.2
1119628	Soil	4	21	0.89	274	0.007	<1	2.61	0.007	0.05	0.1	0.02	8.4	<0.1	0.06	7	<0.5	<0.2
1119630	Soil	4	15	0.49	249	0.083	<1	1.14	0.009	0.05	0.1	<0.01	1.6	<0.1	0.06	6	<0.5	<0.2
1119720	Soil	11	39	0.67	325	0.088	1	2.19	0.008	0.06	0.1	0.01	3.9	<0.1	<0.05	6	<0.5	<0.2
1119718	Soil	3	103	1.58	364	0.211	<1	2.70	0.011	0.52	<0.1	<0.01	3.6	0.2	<0.05	7	<0.5	<0.2
1119633	Soil	3	20	1.48	365	0.236	<1	2.88	0.008	0.67	<0.1	<0.01	2.6	0.2	<0.05	8	<0.5	<0.2
1119627	Soil	6	16	1.35	351	0.111	<1	2.48	0.008	0.55	0.1	<0.01	4.7	0.2	<0.05	7	<0.5	<0.2
1119622	Soil	10	28	1.04	785	0.176	<1	1.93	0.016	0.57	0.2	0.01	3.5	0.2	<0.05	6	<0.5	<0.2
1119607	Soil	18	32	0.48	478	0.068	<1	2.07	0.009	0.08	0.1	0.02	3.7	0.1	<0.05	6	<0.5	<0.2
1119724	Soil	6	107	1.44	546	0.121	<1	2.09	0.009	0.35	<0.1	<0.01	5.3	0.2	<0.05	7	<0.5	<0.2
1119716	Soil	6	89	1.18	340	0.151	<1	2.46	0.010	0.20	0.1	0.01	3.6	0.2	<0.05	7	<0.5	<0.2
1119614	Soil	9	19	0.30	463	0.012	<1	1.59	0.006	0.09	0.1	0.01	5.0	0.1	<0.05	4	<0.5	<0.2
1119611	Soil	13	31	0.75	637	0.076	<1	1.85	0.009	0.11	<0.1	0.01	3.9	<0.1	<0.05	6	<0.5	<0.2
1119715	Soil	6	23	1.14	291	0.164	<1	2.18	0.010	0.43	0.1	<0.01	4.3	0.2	<0.05	7	<0.5	<0.2
1119723	Soil	5	113	1.41	496	0.128	<1	2.26	0.009	0.51	<0.1	<0.01	5.9	0.3	<0.05	8	<0.5	<0.2
1119624	Soil	11	10	1.33	500	0.146	<1	2.43	0.008	0.71	<0.1	<0.01	2.8	0.2	<0.05	7	<0.5	<0.2
1119609	Soil	8	31	1.01	192	0.127	<1	2.18	0.008	0.30	0.1	<0.01	3.0	0.2	<0.05	9	<0.5	<0.2
1119603	Soil	7	7	0.11	2547	0.002	<1	0.76	0.004	0.16	<0.1	0.04	16.5	<0.1	<0.05	2	<0.5	<0.2
1119719	Soil	14	33	0.64	315	0.075	<1	1.78	0.010	0.06	0.1	0.03	6.2	0.1	<0.05	5	<0.5	<0.2

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Project: CHA
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS DAW11000104.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1119617	Soil		1.1	16.2	11.5	59	<0.1	16.9	11.9	339	3.00	7.4	0.6	0.9	3.6	9	<0.1	0.6	0.2	68	0.07	0.030
1119620	Soil		0.7	21.8	8.0	65	<0.1	10.9	11.8	435	3.24	5.7	0.3	1.0	2.2	9	<0.1	0.5	0.1	77	0.07	0.016
1119623	Soil		0.4	41.1	4.4	68	<0.1	9.4	15.2	507	4.18	3.6	0.1	0.5	1.1	10	<0.1	0.2	<0.1	105	0.08	0.031
1119722	Soil		0.9	13.5	5.8	55	<0.1	27.5	14.2	331	2.77	4.0	0.2	0.9	2.0	11	<0.1	0.2	<0.1	67	0.16	0.022
1119602	Soil		0.3	23.0	3.6	75	<0.1	8.5	22.5	794	4.52	1.9	0.3	0.5	2.0	10	0.1	0.5	<0.1	95	0.15	0.038
1119618	Soil		0.6	7.8	10.6	26	<0.1	7.2	5.1	142	2.52	5.8	0.3	0.7	2.2	9	<0.1	0.4	0.2	68	0.09	0.021
1119612	Soil		1.1	14.2	11.9	39	<0.1	11.2	5.7	130	2.56	8.3	1.0	0.6	6.5	12	<0.1	1.4	<0.1	35	0.08	0.021
1119604	Soil		0.9	23.7	10.2	59	<0.1	19.6	12.7	254	3.27	7.7	0.4	0.9	2.8	17	<0.1	1.0	0.2	69	0.15	0.015
1119606	Soil		1.6	35.4	9.4	53	<0.1	7.1	12.0	416	3.74	3.7	0.7	0.9	2.4	13	<0.1	3.0	<0.1	61	0.13	0.029
1119615	Soil		0.3	544.0	4.0	60	<0.1	7.5	13.7	488	4.35	4.1	0.6	7.8	3.4	14	<0.1	0.5	0.2	103	0.12	0.015
1119616	Soil		0.9	26.6	10.5	48	<0.1	11.9	9.2	239	3.23	9.9	0.5	1.4	3.0	14	<0.1	0.9	0.2	63	0.12	0.018
1119605	Soil		0.9	32.7	7.6	64	<0.1	11.9	12.4	481	3.62	4.2	0.9	1.0	5.1	14	<0.1	2.2	<0.1	52	0.19	0.026
1118519	Soil		0.4	49.9	4.5	75	<0.1	51.1	23.2	714	4.43	2.4	0.2	0.7	1.2	18	<0.1	1.5	<0.1	111	0.25	0.054
1119608	Soil		2.6	35.2	10.7	90	<0.1	34.4	15.7	362	4.90	3.3	2.0	<0.5	19.0	13	<0.1	0.8	<0.1	54	0.06	0.029
1119619	Soil		0.9	7.4	10.8	36	<0.1	8.6	5.7	390	2.15	5.6	0.3	0.9	1.4	10	<0.1	0.4	0.2	59	0.09	0.034
1119601	Soil		0.9	17.6	13.4	62	<0.1	10.6	7.7	242	2.39	5.5	0.4	1.2	1.6	8	<0.1	1.0	0.1	51	0.07	0.021
1118520	Soil		0.5	36.4	6.4	60	<0.1	29.4	14.8	396	2.80	4.4	0.5	0.6	2.6	27	<0.1	0.7	<0.1	65	0.29	0.027
1119610	Soil		0.7	21.6	14.9	102	<0.1	27.2	13.8	601	4.42	5.9	0.4	<0.5	3.8	14	0.2	0.7	0.1	92	0.10	0.039
1119621	Soil		0.7	16.4	7.3	63	<0.1	10.9	13.1	391	3.91	6.4	0.3	2.1	1.9	11	<0.1	0.6	0.1	94	0.10	0.020
1119613	Soil		2.1	29.5	15.6	63	0.1	16.5	10.9	392	3.59	6.8	0.7	1.5	4.7	15	0.1	1.2	0.2	72	0.14	0.021
1117764	Soil		0.6	27.0	6.1	70	<0.1	28.3	19.2	526	3.72	5.5	0.3	1.9	2.3	18	<0.1	0.6	<0.1	81	0.26	0.034
1118510	Soil		0.1	7.6	4.1	80	<0.1	29.3	14.9	607	3.74	1.0	0.6	1.0	6.0	24	<0.1	0.2	<0.1	95	0.51	0.157
1118509	Soil		0.4	36.8	3.4	76	<0.1	40.7	22.1	679	5.38	2.3	0.9	0.9	22.2	13	<0.1	0.3	<0.1	104	0.20	0.056
1118524	Soil		0.4	26.3	6.4	105	<0.1	39.4	23.6	666	4.63	2.7	0.4	1.1	2.9	18	<0.1	0.8	<0.1	89	0.27	0.044
1117765	Soil		0.7	21.6	6.7	66	<0.1	23.9	14.2	395	3.16	6.3	0.4	2.6	2.7	18	<0.1	0.5	0.1	72	0.22	0.022
1118513	Soil		0.3	13.7	5.6	67	<0.1	15.8	11.0	593	2.76	2.1	0.8	1.1	13.7	28	<0.1	0.6	0.1	48	0.34	0.059
1118523	Soil		0.4	57.3	4.3	64	<0.1	30.8	17.7	465	3.37	4.0	0.3	<0.5	1.6	10	<0.1	0.5	<0.1	88	0.30	0.064
1118521	Soil		0.3	50.6	6.5	75	<0.1	40.8	23.5	622	4.61	3.4	0.4	1.0	3.4	14	<0.1	1.3	<0.1	107	0.22	0.020
1117767	Soil		0.7	22.1	6.1	56	<0.1	23.0	13.4	381	2.93	4.5	0.3	7.6	1.4	14	<0.1	0.6	<0.1	75	0.20	0.032
1117762	Soil		1.0	18.2	9.5	46	<0.1	23.2	11.7	251	2.99	9.6	0.5	3.7	3.8	15	0.1	0.6	0.2	66	0.15	0.031

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Project: CHA
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS DAW11000104.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1119617	Soil		7	32	0.47	340	0.070	<1	2.34	0.007	0.09	0.2	0.02	2.7	0.1	<0.05	6	<0.5	<0.2
1119620	Soil		4	21	0.90	429	0.136	<1	2.38	0.008	0.47	0.2	0.01	2.2	0.2	<0.05	6	<0.5	<0.2
1119623	Soil		2	24	1.48	423	0.240	<1	2.52	0.011	0.89	0.3	<0.01	2.3	0.3	<0.05	7	<0.5	<0.2
1119722	Soil		3	102	1.36	270	0.187	<1	2.03	0.010	0.39	<0.1	<0.01	1.8	0.2	<0.05	6	<0.5	<0.2
1119602	Soil		4	16	1.56	455	0.224	<1	2.65	0.009	0.97	0.1	0.01	2.6	0.3	<0.05	6	<0.5	<0.2
1119618	Soil		7	19	0.36	188	0.071	<1	1.49	0.006	0.11	0.2	0.01	1.9	<0.1	<0.05	7	<0.5	<0.2
1119612	Soil		28	15	0.26	301	0.006	<1	1.24	0.005	0.07	<0.1	<0.01	2.1	<0.1	<0.05	3	<0.5	<0.2
1119604	Soil		8	29	0.69	410	0.054	<1	2.42	0.009	0.07	0.1	0.02	3.5	<0.1	<0.05	6	<0.5	<0.2
1119606	Soil		5	16	0.81	567	0.017	<1	1.72	0.005	0.19	0.1	<0.01	5.5	0.1	<0.05	5	<0.5	<0.2
1119615	Soil		16	15	1.22	881	0.190	<1	2.38	0.011	1.04	0.9	0.01	8.4	0.3	<0.05	7	<0.5	<0.2
1119616	Soil		10	20	0.47	488	0.035	<1	1.76	0.007	0.14	0.1	<0.01	4.6	0.1	<0.05	5	<0.5	<0.2
1119605	Soil		20	15	0.38	783	0.004	<1	1.10	0.005	0.10	<0.1	0.03	9.1	<0.1	<0.05	3	<0.5	<0.2
1118519	Soil		1	179	2.48	490	0.203	<1	2.96	0.015	0.51	<0.1	<0.01	6.8	0.2	<0.05	8	<0.5	<0.2
1119608	Soil		54	34	0.79	353	0.056	<1	2.17	0.007	0.43	<0.1	<0.01	4.3	0.2	<0.05	6	<0.5	<0.2
1119619	Soil		7	18	0.28	220	0.054	<1	1.19	0.006	0.05	0.1	0.01	1.3	<0.1	<0.05	6	<0.5	<0.2
1119601	Soil		6	18	0.31	157	0.017	<1	1.61	0.007	0.07	0.1	<0.01	2.2	<0.1	<0.05	5	<0.5	<0.2
1118520	Soil		9	83	1.23	502	0.137	<1	1.74	0.013	0.17	0.1	<0.01	4.3	0.1	<0.05	6	<0.5	<0.2
1119610	Soil		9	53	1.23	282	0.105	<1	2.48	0.008	0.35	0.1	0.02	4.1	0.2	<0.05	12	<0.5	<0.2
1119621	Soil		6	22	0.95	488	0.165	1	2.57	0.010	0.66	<0.1	0.01	2.9	0.2	<0.05	7	<0.5	<0.2
1119613	Soil		20	28	0.64	610	0.024	2	1.96	0.008	0.09	<0.1	0.02	5.1	<0.1	<0.05	7	<0.5	<0.2
1117764	Soil		6	81	1.38	497	0.165	2	2.31	0.012	0.30	<0.1	0.02	4.6	0.2	<0.05	6	<0.5	<0.2
1118510	Soil		18	68	1.41	836	0.255	<1	2.30	0.016	1.38	<0.1	<0.01	5.1	0.4	<0.05	11	<0.5	<0.2
1118509	Soil		50	96	1.40	946	0.405	<1	2.77	0.014	1.53	<0.1	0.01	10.1	0.7	<0.05	12	<0.5	<0.2
1118524	Soil		6	136	1.18	784	0.104	<1	1.95	0.014	0.47	<0.1	<0.01	9.5	0.2	<0.05	7	<0.5	<0.2
1117765	Soil		8	64	1.09	406	0.138	1	1.92	0.012	0.20	<0.1	0.02	3.6	0.1	<0.05	6	<0.5	<0.2
1118513	Soil		35	27	0.65	489	0.068	<1	1.44	0.008	0.42	<0.1	0.03	4.8	0.1	<0.05	6	<0.5	<0.2
1118523	Soil		3	111	1.50	365	0.215	<1	2.09	0.020	0.43	<0.1	<0.01	4.5	0.2	<0.05	6	<0.5	<0.2
1118521	Soil		10	168	2.00	553	0.148	1	2.73	0.014	0.26	<0.1	0.01	9.8	0.2	<0.05	9	<0.5	<0.2
1117767	Soil		5	81	1.04	258	0.141	1	1.74	0.015	0.24	<0.1	0.02	3.6	0.1	<0.05	7	<0.5	<0.2
1117762	Soil		8	56	0.61	258	0.090	1	2.35	0.013	0.10	0.1	0.04	3.4	0.1	<0.05	5	<0.5	<0.2

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Project: CHA
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS DAW11000104.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1118511	Soil	0.1	9.9	3.6	87	<0.1	36.6	17.7	665	4.32	1.2	0.5	1.0	6.1	26	<0.1	0.2	<0.1	111	0.49	0.135
1118515	Soil	0.7	11.3	8.1	70	<0.1	12.2	13.2	345	3.44	4.9	0.6	1.2	2.9	11	<0.1	0.4	0.1	75	0.17	0.036
1117775	Soil	1.1	18.0	19.3	63	0.2	17.2	7.5	226	2.38	6.2	0.6	1.4	1.3	32	0.2	0.5	0.1	51	0.32	0.039
1117763	Soil	0.7	27.4	7.1	80	<0.1	31.8	20.0	502	4.06	5.9	0.4	1.7	2.5	22	<0.1	0.5	0.1	87	0.28	0.030
1118512	Soil	0.4	49.8	4.9	93	<0.1	17.3	23.4	745	5.05	6.5	0.3	<0.5	3.8	15	<0.1	0.6	<0.1	140	0.34	0.075
1118522	Soil	0.4	43.0	2.7	63	<0.1	36.1	21.9	515	3.70	1.6	0.3	1.0	2.8	10	<0.1	0.6	<0.1	88	0.24	0.042
1117769	Soil	0.4	36.1	4.9	80	<0.1	36.8	23.3	522	4.33	6.1	0.3	1.3	2.7	17	<0.1	2.0	<0.1	103	0.23	0.030
1117770	Soil	0.9	10.2	9.5	32	<0.1	9.1	6.0	443	2.13	4.2	0.3	0.6	1.9	12	0.1	0.5	0.2	63	0.11	0.021
1118518	Soil	0.5	33.6	9.4	82	<0.1	46.1	22.6	483	4.92	3.1	0.3	0.8	1.7	10	<0.1	1.5	<0.1	94	0.15	0.028
1118532	Soil	0.8	11.5	8.3	93	<0.1	25.4	15.2	549	3.32	3.3	0.4	<0.5	2.2	8	<0.1	0.9	<0.1	77	0.07	0.029
1118526	Soil	0.6	11.0	8.7	58	<0.1	11.8	7.0	265	1.58	3.6	0.5	0.8	1.9	12	<0.1	0.6	<0.1	29	0.10	0.020
1117773	Soil	1.0	28.5	11.0	110	<0.1	21.2	19.3	743	4.73	4.7	0.7	<0.5	3.3	19	<0.1	0.9	<0.1	106	0.20	0.080
1118533	Soil	0.2	62.3	2.1	79	<0.1	46.7	24.4	658	3.93	1.1	0.3	<0.5	4.3	27	<0.1	0.2	<0.1	74	0.54	0.074
1118529	Soil	0.3	42.1	3.9	75	<0.1	43.7	22.0	500	3.45	2.0	0.3	0.8	3.3	20	<0.1	0.3	<0.1	88	0.30	0.035
1118531	Soil	0.9	16.5	9.5	105	<0.1	17.1	9.0	286	2.75	3.6	0.4	0.6	2.4	16	<0.1	0.4	<0.1	59	0.16	0.035
1117768	Soil	1.2	21.5	10.8	74	<0.1	24.0	13.7	1015	3.53	10.7	0.4	2.8	3.2	13	<0.1	0.6	0.2	87	0.13	0.024
1118530	Soil	0.3	34.3	4.3	89	<0.1	39.1	19.5	561	3.78	2.2	0.4	1.1	3.4	23	<0.1	0.6	<0.1	83	0.44	0.045
1117774	Soil	1.0	21.8	9.5	73	<0.1	24.5	16.0	684	3.50	6.1	0.4	1.0	2.5	23	<0.1	0.5	0.1	93	0.31	0.044
1118527	Soil	0.8	21.0	12.1	49	<0.1	19.0	8.2	236	2.83	9.0	0.8	2.4	4.0	17	<0.1	0.5	0.2	69	0.16	0.034
1118534	Soil	0.6	33.4	5.6	63	<0.1	36.3	15.7	416	3.10	4.3	0.4	1.1	3.8	19	<0.1	0.5	<0.1	77	0.28	0.031
1117766	Soil	0.8	27.6	7.1	66	<0.1	28.1	16.7	413	3.68	3.9	0.3	1.6	2.7	16	<0.1	0.5	<0.1	80	0.21	0.021
1118517	Soil	0.6	41.2	8.0	76	<0.1	39.5	21.3	918	4.68	2.0	1.1	<0.5	7.4	17	<0.1	1.1	0.1	84	0.19	0.040
1118525	Soil	0.6	17.6	7.4	67	<0.1	23.8	12.6	274	2.63	4.7	0.4	<0.5	2.4	10	0.1	0.6	<0.1	62	0.13	0.017
1119731	Soil	0.3	42.3	4.1	74	<0.1	52.3	23.9	569	4.57	2.8	0.5	<0.5	2.7	24	<0.1	0.7	<0.1	116	0.25	0.026
1119725	Soil	0.5	30.3	3.1	70	<0.1	34.8	18.8	549	3.68	2.1	0.3	<0.5	1.8	17	<0.1	1.3	0.1	87	0.26	0.036
1119732	Soil	0.3	35.3	3.9	82	<0.1	53.7	25.6	646	4.72	3.0	0.4	<0.5	2.5	22	<0.1	0.7	<0.1	115	0.21	0.033
1118505	Soil	2.7	57.9	13.5	100	0.2	49.6	24.3	1209	5.21	19.9	0.7	0.7	12.2	18	<0.1	4.0	0.2	77	0.55	0.056
1119733	Soil	0.5	21.8	18.0	79	<0.1	16.6	11.4	336	4.09	6.8	1.4	<0.5	13.1	11	<0.1	0.8	0.3	39	0.10	0.024
1119726	Soil	0.6	32.8	4.6	80	<0.1	36.4	19.2	558	4.25	2.3	0.3	<0.5	2.1	17	<0.1	1.5	<0.1	96	0.22	0.026
1119734	Soil	0.7	19.4	5.8	76	<0.1	19.6	11.6	762	3.06	2.4	0.5	<0.5	11.1	7	0.1	0.3	<0.1	45	0.11	0.091

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Project: CHA
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CERTIFICATE OF ANALYSIS DAW11000104.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1118511	Soil	18	87	1.69	936	0.300	<1	2.76	0.018	1.61	<0.1	0.01	5.8	0.5	<0.05	11	<0.5	<0.2
1118515	Soil	7	25	0.95	333	0.165	<1	2.70	0.016	0.54	<0.1	0.01	4.6	0.2	<0.05	7	<0.5	<0.2
1117775	Soil	9	37	0.40	961	0.045	1	1.71	0.014	0.09	0.1	0.05	4.6	<0.1	<0.05	6	<0.5	<0.2
1117763	Soil	7	89	1.52	653	0.163	<1	2.62	0.012	0.25	<0.1	0.02	5.1	0.2	<0.05	7	<0.5	<0.2
1118512	Soil	6	37	1.15	789	0.232	<1	2.82	0.027	0.94	<0.1	0.03	9.6	0.3	<0.05	10	<0.5	<0.2
1118522	Soil	6	148	1.89	411	0.180	<1	2.25	0.018	0.43	<0.1	0.01	7.7	0.2	<0.05	7	<0.5	<0.2
1117769	Soil	5	129	1.96	388	0.185	<1	2.94	0.012	0.29	0.2	<0.01	6.2	0.1	<0.05	8	<0.5	<0.2
1117770	Soil	8	25	0.35	314	0.089	<1	1.05	0.012	0.11	0.1	0.02	2.1	<0.1	<0.05	6	<0.5	<0.2
1118518	Soil	5	157	1.65	483	0.121	<1	2.96	0.010	0.39	<0.1	<0.01	8.9	0.2	<0.05	8	<0.5	<0.2
1118532	Soil	6	107	1.00	241	0.070	<1	2.19	0.009	0.45	<0.1	<0.01	6.2	0.2	<0.05	8	<0.5	<0.2
1118526	Soil	8	27	0.34	253	0.034	1	1.04	0.010	0.09	<0.1	0.01	3.3	<0.1	<0.05	3	<0.5	<0.2
1117773	Soil	9	73	1.38	459	0.174	<1	2.37	0.012	0.50	<0.1	<0.01	6.4	0.3	<0.05	10	<0.5	<0.2
1118533	Soil	6	159	1.97	541	0.193	<1	2.60	0.017	0.76	<0.1	<0.01	7.8	0.2	<0.05	7	<0.5	<0.2
1118529	Soil	8	174	2.01	485	0.244	<1	2.53	0.014	0.59	<0.1	<0.01	3.7	0.4	<0.05	7	<0.5	<0.2
1118531	Soil	8	67	0.73	329	0.072	<1	1.75	0.014	0.30	<0.1	0.02	5.3	0.2	<0.05	7	<0.5	<0.2
1117768	Soil	8	59	0.82	233	0.136	<1	2.40	0.012	0.13	<0.1	0.02	3.6	0.2	<0.05	8	<0.5	<0.2
1118530	Soil	5	162	1.63	600	0.157	<1	2.35	0.020	0.57	<0.1	0.02	11.3	0.4	<0.05	8	<0.5	<0.2
1117774	Soil	9	70	1.12	369	0.160	1	1.93	0.014	0.22	<0.1	0.02	4.0	0.1	<0.05	7	<0.5	<0.2
1118527	Soil	13	41	0.50	350	0.079	<1	2.07	0.012	0.09	<0.1	0.03	4.3	0.1	<0.05	7	<0.5	<0.2
1118534	Soil	10	122	1.49	329	0.156	<1	2.08	0.015	0.30	<0.1	0.01	4.6	0.2	<0.05	6	<0.5	<0.2
1117766	Soil	6	87	1.38	383	0.159	<1	2.46	0.013	0.42	<0.1	0.02	4.9	0.2	<0.05	7	<0.5	<0.2
1118517	Soil	22	121	1.51	929	0.135	<1	2.33	0.011	0.73	<0.1	<0.01	14.4	0.2	<0.05	8	<0.5	<0.2
1118525	Soil	5	70	0.72	219	0.083	2	2.23	0.013	0.11	<0.1	0.02	4.2	0.1	<0.05	6	<0.5	<0.2
1119731	Soil	4	222	2.55	340	0.238	<1	3.32	0.020	0.40	<0.1	0.01	8.7	0.2	<0.05	10	<0.5	<0.2
1119725	Soil	3	130	1.75	466	0.146	1	2.36	0.009	0.50	<0.1	<0.01	5.6	0.2	0.05	7	<0.5	<0.2
1119732	Soil	5	222	2.76	377	0.203	<1	3.21	0.010	0.38	<0.1	<0.01	8.9	0.2	<0.05	11	<0.5	<0.2
1118505	Soil	36	90	1.04	1546	0.021	1	1.77	0.006	0.23	0.2	0.03	11.1	0.1	<0.05	6	<0.5	<0.2
1119733	Soil	31	17	0.35	207	0.013	1	1.48	0.005	0.25	<0.1	0.03	5.4	0.2	<0.05	4	<0.5	<0.2
1119726	Soil	4	135	1.87	441	0.136	1	2.70	0.008	0.49	<0.1	<0.01	6.8	0.2	<0.05	8	<0.5	<0.2
1119734	Soil	22	32	0.68	192	0.079	1	1.44	0.006	0.29	<0.1	<0.01	4.8	0.1	<0.05	7	<0.5	<0.2

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Project: CHA
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS DAW11000104.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1118507	Soil	0.8	64.6	5.9	67	<0.1	20.9	21.3	442	3.99	5.9	0.3	<0.5	3.3	16	<0.1	0.9	<0.1	102	0.27	0.026
1118502	Soil	1.2	27.1	9.0	76	<0.1	24.5	13.5	529	3.39	5.6	0.8	1.7	6.1	25	<0.1	0.7	0.2	72	0.27	0.038
1119729	Soil	0.8	84.0	4.7	56	<0.1	30.5	13.1	588	3.42	6.0	0.2	<0.5	1.5	11	<0.1	1.2	0.1	80	0.19	0.045
1119727	Soil	0.7	131.9	7.2	97	<0.1	40.9	19.0	515	5.10	2.1	0.5	<0.5	3.3	23	<0.1	1.8	0.9	96	0.27	0.019
1118503	Soil	0.9	42.2	9.9	80	<0.1	24.2	14.9	606	3.78	4.1	0.7	0.6	6.9	22	0.1	0.9	0.1	74	0.37	0.050
1118528	Soil	0.6	53.3	2.5	68	<0.1	47.8	25.6	706	4.07	0.6	0.3	<0.5	4.2	18	<0.1	0.4	<0.1	85	0.32	0.071
1119730	Soil	0.5	31.6	4.3	72	<0.1	26.1	16.1	463	4.05	2.1	0.2	<0.5	1.5	11	<0.1	0.9	<0.1	88	0.20	0.020
1119728	Soil	0.5	63.1	2.7	59	<0.1	36.1	16.4	373	3.21	1.2	0.1	<0.5	1.5	13	<0.1	0.6	<0.1	68	0.19	0.024
1118506	Soil	2.9	60.3	11.6	92	0.2	43.5	24.4	1261	5.23	15.6	0.6	<0.5	11.3	18	<0.1	3.7	0.1	71	0.66	0.053
1118516	Soil	0.5	17.9	6.0	96	<0.1	20.8	12.2	636	4.37	2.0	0.6	<0.5	9.2	9	<0.1	0.2	0.1	80	0.09	0.036
1117792	Soil	0.7	42.1	6.1	68	<0.1	39.3	17.7	515	3.77	5.0	0.2	<0.5	1.9	11	<0.1	0.4	<0.1	82	0.18	0.054
1118501	Soil	2.0	41.9	10.2	71	<0.1	30.8	16.2	547	3.99	1.9	0.4	<0.5	4.2	17	<0.1	0.6	0.1	88	0.25	0.060
1117783	Soil	0.7	21.1	8.8	55	<0.1	21.3	9.8	295	2.48	6.1	0.7	6.3	3.5	19	<0.1	0.5	0.2	56	0.20	0.020
1117785	Soil	0.8	19.1	9.8	50	<0.1	22.3	9.5	203	3.20	8.9	0.7	1.7	4.0	12	0.1	0.6	0.2	57	0.12	0.027
1117791	Soil	0.1	26.3	1.7	76	<0.1	40.1	22.3	577	3.57	<0.5	0.2	<0.5	2.9	30	<0.1	0.4	<0.1	60	0.46	0.052
1117771	Soil	0.8	15.0	7.9	85	<0.1	19.6	15.6	1359	3.70	3.8	0.3	<0.5	1.8	12	0.1	0.6	0.1	90	0.14	0.026
1117786	Soil	0.9	11.1	9.7	30	<0.1	10.7	4.7	150	2.15	3.5	0.3	1.4	2.4	12	<0.1	0.4	0.2	55	0.11	0.018
1118504	Soil	1.5	45.8	7.8	68	<0.1	21.1	12.4	535	3.20	4.7	0.8	<0.5	5.6	20	<0.1	1.0	0.2	55	0.26	0.036
1117790	Soil	1.0	12.3	9.5	48	<0.1	9.9	11.8	1885	2.48	3.9	0.3	<0.5	1.1	12	<0.1	0.5	0.2	58	0.11	0.054
1118508	Soil	0.7	20.7	11.9	54	<0.1	18.4	13.1	523	3.48	2.3	1.6	<0.5	13.3	17	<0.1	1.4	<0.1	24	0.18	0.067
1117777	Soil	1.1	16.5	11.2	67	<0.1	18.8	8.2	191	2.77	5.7	0.5	0.8	2.7	22	<0.1	1.0	0.2	60	0.30	0.020
1117784	Soil	1.0	26.4	11.5	54	0.2	25.0	9.9	271	2.91	6.1	0.8	6.6	3.6	18	<0.1	0.6	0.2	61	0.16	0.018
1117793	Soil	0.1	59.7	4.6	105	<0.1	65.3	29.7	1117	5.73	2.2	0.7	1.3	5.7	39	0.1	1.5	<0.1	124	0.54	0.074
1117669	Soil	0.5	45.4	6.5	104	<0.1	57.3	25.4	991	5.26	4.1	0.6	11.7	3.2	35	<0.1	2.4	0.2	119	0.61	0.061
1119707	Soil	0.5	98.9	6.4	92	<0.1	11.3	14.6	615	4.02	6.7	0.8	<0.5	4.4	17	0.1	0.8	0.5	95	0.22	0.039
1117772	Soil	1.2	18.6	12.3	61	<0.1	19.8	10.0	292	3.56	9.6	0.5	1.5	3.4	10	0.2	0.8	0.2	65	0.08	0.033
1118514	Soil	0.2	41.0	6.6	69	<0.1	24.9	13.4	381	3.28	1.3	1.6	<0.5	27.3	30	<0.1	0.3	<0.1	47	0.70	0.267
1117789	Soil	0.8	24.0	8.3	62	<0.1	26.2	12.6	273	2.92	9.4	0.4	0.6	3.3	11	0.1	0.5	0.1	56	0.12	0.025
1119703	Soil	0.6	29.4	5.6	79	0.2	13.8	13.8	490	4.26	4.5	0.6	<0.5	5.9	12	<0.1	0.5	0.1	110	0.13	0.020
1117776	Soil	0.9	21.7	10.2	70	<0.1	23.7	14.1	493	3.00	4.7	0.7	0.6	3.8	25	<0.1	1.2	0.1	56	0.33	0.021

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Project: CHA
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS DAW11000104.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1118507	Soil		14	39	1.31	558	0.107	1	2.42	0.017	0.21	<0.1	<0.01	5.3	0.1	<0.05	7	<0.5	<0.2
1118502	Soil		19	41	0.97	448	0.107	2	1.84	0.011	0.16	0.1	0.01	5.8	0.1	<0.05	7	<0.5	<0.2
1119729	Soil		2	117	1.29	245	0.140	<1	1.96	0.012	0.25	0.2	<0.01	3.8	0.2	<0.05	7	<0.5	<0.2
1119727	Soil		14	154	2.28	538	0.106	2	3.49	0.007	0.36	0.1	<0.01	9.3	0.2	<0.05	11	<0.5	<0.2
1118503	Soil		23	39	1.03	490	0.094	1	1.76	0.011	0.22	<0.1	<0.01	5.9	0.1	<0.05	7	<0.5	<0.2
1118528	Soil		4	148	2.16	849	0.177	1	2.50	0.014	0.85	<0.1	<0.01	6.8	0.3	<0.05	6	<0.5	<0.2
1119730	Soil		2	105	1.75	355	0.187	<1	2.81	0.010	0.68	0.1	<0.01	5.1	0.3	<0.05	7	<0.5	<0.2
1119728	Soil		2	129	1.63	420	0.162	<1	2.42	0.011	0.48	<0.1	<0.01	3.7	0.3	<0.05	6	<0.5	<0.2
1118506	Soil		36	72	0.93	1439	0.013	1	1.69	0.006	0.21	0.2	0.02	11.5	<0.1	<0.05	6	<0.5	<0.2
1118516	Soil		26	53	1.13	382	0.262	<1	2.67	0.010	1.10	<0.1	<0.01	6.4	0.5	<0.05	11	<0.5	<0.2
1117792	Soil		3	121	1.71	216	0.167	2	2.32	0.011	0.25	<0.1	<0.01	4.0	0.1	<0.05	7	<0.5	<0.2
1118501	Soil		11	84	1.41	448	0.110	<1	2.53	0.009	0.37	<0.1	<0.01	5.5	0.2	<0.05	8	<0.5	<0.2
1117783	Soil		11	48	0.67	339	0.086	<1	1.68	0.010	0.05	0.1	0.02	3.4	<0.1	<0.05	5	<0.5	<0.2
1117785	Soil		9	40	0.50	280	0.062	1	2.18	0.008	0.06	0.2	0.01	3.3	<0.1	<0.05	5	<0.5	<0.2
1117791	Soil		4	118	1.89	829	0.131	<1	2.49	0.011	0.63	<0.1	<0.01	6.7	0.2	<0.05	6	<0.5	<0.2
1117771	Soil		5	75	1.05	406	0.110	1	2.13	0.010	0.12	<0.1	<0.01	4.7	0.1	<0.05	8	<0.5	<0.2
1117786	Soil		9	26	0.24	294	0.055	<1	1.26	0.007	0.05	<0.1	<0.01	2.1	<0.1	<0.05	5	<0.5	<0.2
1118504	Soil		22	31	0.73	609	0.050	1	1.61	0.010	0.09	0.1	<0.01	4.0	<0.1	<0.05	6	<0.5	<0.2
1117790	Soil		6	31	0.41	198	0.066	1	1.18	0.008	0.13	0.1	<0.01	2.0	0.1	<0.05	7	<0.5	<0.2
1118508	Soil		28	9	0.11	421	0.002	2	0.53	0.004	0.14	<0.1	0.01	3.9	<0.1	<0.05	1	<0.5	<0.2
1117777	Soil		11	42	0.57	477	0.045	<1	1.60	0.009	0.06	0.1	<0.01	3.8	<0.1	<0.05	6	<0.5	<0.2
1117784	Soil		13	52	0.54	553	0.063	2	1.86	0.009	0.08	0.1	0.01	5.4	0.1	<0.05	6	<0.5	<0.2
1117793	Soil		15	211	3.41	915	0.080	<1	3.51	0.007	0.25	<0.1	0.02	19.0	0.1	<0.05	11	<0.5	<0.2
1117669	Soil		5	213	2.74	534	0.070	<1	3.43	0.007	0.28	<0.1	0.03	12.1	0.2	<0.05	11	<0.5	<0.2
1119707	Soil		12	21	1.24	428	0.153	<1	2.26	0.010	0.71	0.2	0.01	6.1	0.2	<0.05	7	<0.5	<0.2
1117772	Soil		8	37	0.49	245	0.054	2	2.44	0.007	0.07	0.2	0.02	2.8	<0.1	<0.05	6	<0.5	<0.2
1118514	Soil		111	39	0.66	557	0.105	1	1.65	0.008	0.67	<0.1	<0.01	3.4	0.2	<0.05	6	0.6	<0.2
1117789	Soil		8	48	0.75	203	0.082	1	2.27	0.009	0.13	0.1	0.02	3.0	0.1	<0.05	6	<0.5	<0.2
1119703	Soil		9	23	1.40	299	0.198	<1	3.15	0.013	0.57	0.1	<0.01	5.4	0.3	<0.05	9	<0.5	<0.2
1117776	Soil		12	52	0.82	818	0.079	<1	1.77	0.011	0.12	<0.1	<0.01	5.4	0.1	<0.05	6	<0.5	<0.2

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Project: CHA
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS DAW11000104.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1117782	Soil	1.0	33.8	6.6	85	<0.1	44.3	19.6	486	3.65	7.7	0.4	7.8	1.5	28	<0.1	0.3	0.2	85	0.31	0.024
1119711	Soil	0.6	27.7	6.7	67	<0.1	17.7	11.7	361	3.06	8.1	0.8	<0.5	3.3	20	<0.1	0.5	0.2	71	0.26	0.040
1119704	Soil	0.5	20.5	6.7	77	<0.1	8.6	14.7	542	3.94	8.0	0.3	<0.5	1.8	12	<0.1	0.8	0.3	92	0.12	0.022
1119705	Soil	0.8	34.1	6.7	74	<0.1	11.6	14.3	602	4.49	8.3	0.4	<0.5	3.0	10	<0.1	0.5	0.2	105	0.10	0.035
1117787	Soil	1.0	11.5	10.3	37	<0.1	12.4	5.0	179	2.27	5.0	0.2	<0.5	1.4	9	<0.1	0.3	0.2	80	0.08	0.023
1119701	Soil	0.7	37.7	7.4	78	0.2	10.3	13.4	487	4.16	5.1	0.4	<0.5	2.2	12	<0.1	0.8	0.8	93	0.13	0.016
1119708	Soil	0.7	20.6	6.8	66	<0.1	16.6	13.9	463	3.25	5.6	0.6	<0.5	3.5	16	<0.1	0.4	0.1	77	0.16	0.019
1119706	Soil	0.4	103.1	6.4	89	0.1	10.5	15.1	616	4.09	7.5	0.8	<0.5	3.9	15	<0.1	1.0	0.5	96	0.21	0.040
1117788	Soil	0.6	24.1	7.2	63	<0.1	25.3	12.4	290	2.72	8.3	0.3	<0.5	2.5	9	<0.1	0.4	0.1	59	0.11	0.028
1119709	Soil	0.7	19.5	7.5	57	<0.1	17.9	10.6	338	2.64	6.6	0.6	2.1	2.3	16	<0.1	0.4	0.2	60	0.21	0.054
1117781	Soil	0.7	20.8	8.8	58	<0.1	24.7	11.0	305	2.91	7.4	0.4	4.2	2.7	21	<0.1	0.4	0.2	64	0.28	0.027
1117779	Soil	1.3	28.0	8.6	67	<0.1	29.0	12.0	373	3.19	8.5	0.9	2.5	3.2	25	<0.1	0.7	0.1	68	0.35	0.032
1117780	Soil	1.2	23.7	8.3	59	<0.1	24.2	10.1	280	2.74	7.9	0.7	1.7	2.9	24	<0.1	0.6	0.2	61	0.32	0.027
1119710	Soil	0.8	23.7	9.2	61	0.1	18.4	9.8	301	2.72	7.8	0.8	1.7	2.1	21	0.1	0.5	0.2	63	0.25	0.047
1119712	Soil	0.4	25.9	5.2	64	<0.1	8.9	11.7	406	3.65	3.2	0.7	1.9	2.8	20	<0.1	0.9	0.2	68	0.31	0.040
1117778	Soil	0.8	26.8	10.6	77	0.2	26.1	14.6	545	3.13	7.6	0.9	4.2	2.5	42	0.2	0.9	0.1	63	0.80	0.046
1119702	Soil	1.0	46.0	9.4	59	0.2	14.0	11.2	260	3.31	7.8	0.4	<0.5	2.8	12	<0.1	0.4	0.2	87	0.14	0.022

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

Project: CHA
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS DAW11000104.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1117782	Soil	5	129	1.72	679	0.180	2	2.66	0.010	0.23	<0.1	0.03	3.7	0.2	0.11	8	0.6	<0.2
1119711	Soil	12	26	0.86	352	0.111	1	1.75	0.014	0.12	0.1	0.03	4.8	0.1	0.09	6	1.1	<0.2
1119704	Soil	4	16	1.19	359	0.149	<1	2.39	0.007	0.45	0.1	<0.01	2.2	0.1	0.06	6	0.7	<0.2
1119705	Soil	6	22	1.19	269	0.153	1	2.60	0.007	0.54	0.1	0.04	4.4	0.2	<0.05	8	<0.5	<0.2
1117787	Soil	7	37	0.40	136	0.104	<1	1.14	0.007	0.08	0.1	0.02	1.8	0.1	<0.05	8	<0.5	<0.2
1119701	Soil	6	18	1.23	272	0.122	<1	2.49	0.007	0.37	0.1	0.02	4.1	0.2	<0.05	9	<0.5	<0.2
1119708	Soil	13	26	1.02	299	0.135	1	1.99	0.009	0.22	0.1	0.01	3.8	0.2	<0.05	6	0.6	<0.2
1119706	Soil	12	18	1.22	448	0.144	<1	2.30	0.008	0.72	0.2	0.03	5.7	0.2	<0.05	7	0.6	<0.2
1117788	Soil	5	54	0.90	213	0.093	<1	2.10	0.007	0.18	0.1	0.02	2.8	0.2	<0.05	6	<0.5	<0.2
1119709	Soil	11	24	0.62	236	0.087	<1	1.58	0.008	0.11	0.2	0.01	2.7	0.1	<0.05	5	1.1	<0.2
1117781	Soil	9	57	0.81	437	0.080	1	1.87	0.009	0.06	0.1	<0.01	3.4	<0.1	<0.05	5	<0.5	<0.2
1117779	Soil	11	65	0.87	903	0.089	1	1.70	0.010	0.12	0.1	0.03	5.8	0.1	<0.05	5	0.6	<0.2
1117780	Soil	11	52	0.76	864	0.077	<1	1.59	0.008	0.08	0.1	0.03	4.5	<0.1	<0.05	5	<0.5	<0.2
1119710	Soil	12	28	0.62	296	0.073	2	1.80	0.009	0.06	0.1	0.04	3.6	<0.1	<0.05	6	0.6	<0.2
1119712	Soil	11	14	0.85	806	0.084	1	1.77	0.008	0.53	0.1	0.02	7.7	0.2	<0.05	6	0.7	<0.2
1117778	Soil	11	59	0.80	1009	0.057	1	1.81	0.011	0.09	0.2	0.05	6.5	<0.1	<0.05	6	<0.5	<0.2
1119702	Soil	6	24	0.81	220	0.135	<1	2.26	0.009	0.23	0.2	0.02	3.0	0.1	<0.05	7	<0.5	<0.2

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

Project: CHA
Report Date: August 15, 2011

QUALITY CONTROL REPORT DAW11000104.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1117887	Soil	0.7	24.4	7.2	77	<0.1	29.2	16.8	443	3.29	5.1	0.4	<0.5	3.3	23	<0.1	1.1	<0.1	66	0.30	0.037
REP 1117887	QC	0.7	23.7	7.6	77	<0.1	29.1	16.5	419	3.25	5.2	0.4	0.8	3.4	23	<0.1	1.2	<0.1	66	0.30	0.035
1119629	Soil	0.6	32.3	5.4	57	<0.1	11.8	15.3	329	3.40	4.1	0.2	1.4	1.6	17	<0.1	0.3	<0.1	84	0.17	0.026
REP 1119629	QC	0.7	31.2	5.4	59	<0.1	12.0	14.9	329	3.38	4.2	0.2	1.0	1.6	16	<0.1	0.3	<0.1	88	0.17	0.025
1119633	Soil	0.6	37.0	5.0	86	<0.1	12.4	18.4	528	4.44	5.0	0.3	0.7	2.0	26	<0.1	0.4	<0.1	117	0.15	0.030
REP 1119633	QC	0.6	36.8	4.6	83	<0.1	11.5	18.1	530	4.43	4.7	0.3	<0.5	1.9	26	<0.1	0.4	<0.1	113	0.15	0.030
1119606	Soil	1.6	35.4	9.4	53	<0.1	7.1	12.0	416	3.74	3.7	0.7	0.9	2.4	13	<0.1	3.0	<0.1	61	0.13	0.029
REP 1119606	QC	1.5	34.5	9.3	52	<0.1	7.0	11.7	396	3.67	3.4	0.6	0.6	2.4	13	<0.1	3.0	<0.1	61	0.13	0.029
1118515	Soil	0.7	11.3	8.1	70	<0.1	12.2	13.2	345	3.44	4.9	0.6	1.2	2.9	11	<0.1	0.4	0.1	75	0.17	0.036
REP 1118515	QC	0.6	11.0	8.1	68	<0.1	11.7	13.0	340	3.38	5.0	0.6	1.1	2.9	11	<0.1	0.4	0.1	76	0.17	0.036
1117773	Soil	1.0	28.5	11.0	110	<0.1	21.2	19.3	743	4.73	4.7	0.7	<0.5	3.3	19	<0.1	0.9	<0.1	106	0.20	0.080
REP 1117773	QC	1.0	28.0	11.1	108	<0.1	20.4	18.9	726	4.64	4.8	0.7	<0.5	3.3	20	0.1	0.9	0.1	106	0.21	0.075
1117792	Soil	0.7	42.1	6.1	68	<0.1	39.3	17.7	515	3.77	5.0	0.2	<0.5	1.9	11	<0.1	0.4	<0.1	82	0.18	0.054
REP 1117792	QC	0.8	41.6	6.3	67	<0.1	40.8	19.0	551	3.98	5.1	0.2	<0.5	1.9	11	0.1	0.4	<0.1	86	0.19	0.059
1117791	Soil	0.1	26.3	1.7	76	<0.1	40.1	22.3	577	3.57	<0.5	0.2	<0.5	2.9	30	<0.1	0.4	<0.1	60	0.46	0.052
REP 1117791	QC	0.1	26.5	1.7	76	<0.1	40.7	22.9	604	3.67	0.7	0.2	<0.5	3.1	32	<0.1	0.4	<0.1	61	0.48	0.059
1119704	Soil	0.5	20.5	6.7	77	<0.1	8.6	14.7	542	3.94	8.0	0.3	<0.5	1.8	12	<0.1	0.8	0.3	92	0.12	0.022
REP 1119704	QC	0.4	20.5	7.0	80	<0.1	9.4	15.2	576	4.01	7.3	0.3	<0.5	1.9	12	<0.1	0.7	0.2	94	0.12	0.022
Reference Materials																					
STD DS8	Standard	13.3	109.6	118.3	308	1.8	37.8	7.7	609	2.42	26.0	2.6	120.7	6.7	65	2.2	5.5	6.3	42	0.71	0.074
STD DS8	Standard	12.6	107.4	113.9	297	1.7	37.2	7.5	559	2.30	25.9	2.6	105.1	6.6	67	2.4	5.4	6.2	37	0.67	0.083
STD DS8	Standard	12.7	113.2	114.1	307	1.9	37.2	7.3	627	2.44	27.3	2.5	114.0	6.2	58	2.3	5.5	6.5	41	0.65	0.078
STD DS8	Standard	12.4	114.2	118.4	318	1.9	38.5	7.6	610	2.48	26.4	2.6	113.9	6.1	60	2.5	5.2	6.5	42	0.67	0.080
STD DS8	Standard	12.6	109.8	133.2	314	1.8	38.3	7.5	600	2.48	25.7	2.7	111.8	6.6	61	2.5	5.8	7.1	42	0.64	0.081
STD DS8	Standard	14.7	112.8	136.5	313	1.9	38.3	7.9	623	2.53	26.1	3.0	113.1	7.5	72	2.3	6.1	7.1	45	0.74	0.081
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Project: CHA
Report Date: August 15, 2011

QUALITY CONTROL REPORT DAW11000104.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1117887	Soil	10	79	1.18	718	0.109	<1	1.95	0.011	0.29	<0.1	0.03	4.5	0.1	<0.05	6	<0.5	<0.2
REP 1117887	QC	10	77	1.20	730	0.106	<1	1.98	0.011	0.30	<0.1	0.01	4.5	0.1	<0.05	6	<0.5	<0.2
1119629	Soil	3	25	1.09	389	0.168	<1	2.46	0.014	0.44	<0.1	0.01	2.5	0.2	<0.05	5	<0.5	<0.2
REP 1119629	QC	3	25	1.13	402	0.175	<1	2.57	0.014	0.44	0.1	0.02	2.5	0.1	<0.05	6	<0.5	<0.2
1119633	Soil	3	20	1.48	365	0.236	<1	2.88	0.008	0.67	<0.1	<0.01	2.6	0.2	<0.05	8	<0.5	<0.2
REP 1119633	QC	2	20	1.47	359	0.233	<1	2.80	0.008	0.66	0.1	<0.01	2.5	0.2	<0.05	8	<0.5	<0.2
1119606	Soil	5	16	0.81	567	0.017	<1	1.72	0.005	0.19	0.1	<0.01	5.5	0.1	<0.05	5	<0.5	<0.2
REP 1119606	QC	5	15	0.78	553	0.016	<1	1.66	0.005	0.18	0.1	0.01	5.3	<0.1	<0.05	5	<0.5	<0.2
1118515	Soil	7	25	0.95	333	0.165	<1	2.70	0.016	0.54	<0.1	0.01	4.6	0.2	<0.05	7	<0.5	<0.2
REP 1118515	QC	6	25	0.94	327	0.166	<1	2.69	0.016	0.53	<0.1	0.01	4.7	0.2	<0.05	7	<0.5	<0.2
1117773	Soil	9	73	1.38	459	0.174	<1	2.37	0.012	0.50	<0.1	<0.01	6.4	0.3	<0.05	10	<0.5	<0.2
REP 1117773	QC	9	72	1.34	454	0.172	<1	2.29	0.012	0.50	<0.1	0.01	6.3	0.3	<0.05	10	<0.5	<0.2
1117792	Soil	3	121	1.71	216	0.167	2	2.32	0.011	0.25	<0.1	<0.01	4.0	0.1	<0.05	7	<0.5	<0.2
REP 1117792	QC	3	123	1.74	221	0.175	1	2.42	0.010	0.27	0.1	<0.01	4.2	0.1	<0.05	7	<0.5	<0.2
1117791	Soil	4	118	1.89	829	0.131	<1	2.49	0.011	0.63	<0.1	<0.01	6.7	0.2	<0.05	6	<0.5	<0.2
REP 1117791	QC	4	122	1.84	822	0.133	<1	2.41	0.011	0.64	<0.1	<0.01	7.2	0.2	<0.05	6	<0.5	<0.2
1119704	Soil	4	16	1.19	359	0.149	<1	2.39	0.007	0.45	0.1	<0.01	2.2	0.1	0.06	6	0.7	<0.2
REP 1119704	QC	4	17	1.21	352	0.158	2	2.49	0.007	0.46	0.1	0.02	2.2	0.2	<0.05	7	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	15	115	0.59	272	0.120	1	0.88	0.083	0.41	2.9	0.17	2.1	5.1	0.16	4	5.2	4.8
STD DS8	Standard	14	108	0.59	247	0.106	2	0.86	0.086	0.40	2.7	0.18	2.0	4.9	0.14	4	4.3	4.8
STD DS8	Standard	13	119	0.59	267	0.110	3	0.82	0.080	0.42	2.9	0.20	2.0	5.3	0.19	4	5.1	4.4
STD DS8	Standard	13	117	0.60	274	0.106	2	0.90	0.080	0.42	2.9	0.21	1.9	5.4	0.21	5	5.3	4.7
STD DS8	Standard	12	118	0.60	255	0.108	2	0.84	0.076	0.40	3.1	0.21	2.0	5.6	0.16	5	5.6	5.0
STD DS8	Standard	17	126	0.63	287	0.133	3	0.95	0.098	0.43	2.9	0.22	2.4	5.6	0.16	5	5.0	5.3
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

Project: CHA
Report Date: August 15, 2011

QUALITY CONTROL REPORT DAW11000104.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.03	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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www.acmelab.com

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

Project: CHA
Report Date: August 15, 2011

QUALITY CONTROL REPORT DAW11000104.1

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

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

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: August 01, 2011
Report Date: August 16, 2011
Page: 1 of 7

CERTIFICATE OF ANALYSIS DAW11000114.1

CLIENT JOB INFORMATION

Project: CHA
Shipment ID: CHA-2011-19
P.O. Number
Number of Samples: 164

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	163	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	163	Dry at 60C			WHI
1DX2	163	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Sample 1118229 lost due to error in preparation

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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CERTIFICATE OF ANALYSIS DAW11000114.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1118701	Soil		0.7	24.3	7.8	57	<0.1	20.2	10.8	382	2.77	8.2	0.6	2.1	2.6	21	0.2	0.6	0.2	58	0.25	0.046
1118731	Soil		0.9	21.4	8.6	53	<0.1	19.7	8.8	243	2.81	12.1	0.5	2.5	4.3	11	<0.1	0.5	0.2	60	0.10	0.013
1118726	Soil		0.6	15.4	4.4	75	<0.1	9.9	15.4	428	5.62	4.6	0.4	<0.5	3.7	7	<0.1	0.3	0.2	100	0.10	0.035
1118728	Soil		0.8	29.2	5.5	47	<0.1	8.4	13.4	334	3.28	4.4	0.2	<0.5	1.2	12	<0.1	0.4	<0.1	97	0.25	0.026
1118729	Soil		1.1	31.0	12.5	52	<0.1	19.5	17.5	329	4.49	13.6	0.8	<0.5	6.0	32	<0.1	0.4	0.1	96	0.15	0.033
1118725	Soil		0.2	16.7	2.9	43	<0.1	5.5	7.3	266	2.30	2.9	0.3	1.4	3.0	7	<0.1	0.1	<0.1	41	0.13	0.029
1118730	Soil		0.8	12.5	5.5	42	<0.1	11.5	9.9	196	3.03	6.0	0.3	<0.5	2.6	7	<0.1	0.3	<0.1	76	0.10	0.022
1118732	Soil		0.7	19.0	9.2	49	<0.1	18.9	10.4	336	2.60	8.6	0.5	1.4	3.6	13	<0.1	0.4	0.1	58	0.12	0.028
1118727	Soil		0.7	17.5	6.1	41	<0.1	18.0	12.9	230	2.89	10.0	0.3	2.1	1.7	11	<0.1	0.5	<0.1	74	0.15	0.025
1118721	Soil		0.9	58.5	6.4	48	<0.1	14.6	14.5	310	3.83	8.3	0.4	1.1	2.8	13	<0.1	0.6	<0.1	89	0.15	0.019
1118723	Soil		0.9	29.5	6.3	55	<0.1	12.6	14.0	557	4.01	5.7	0.7	2.4	3.4	20	<0.1	0.4	0.2	82	0.29	0.048
1118724	Soil		0.5	26.8	1.7	34	<0.1	20.7	14.5	242	2.70	0.9	0.3	<0.5	2.0	3	<0.1	0.2	<0.1	68	0.16	0.029
1118717	Soil		0.5	15.0	5.1	38	<0.1	11.7	15.1	294	3.21	5.5	0.1	0.7	0.9	8	<0.1	0.3	<0.1	94	0.17	0.030
1118719	Soil		0.9	30.4	8.2	54	<0.1	20.8	13.5	350	3.58	8.6	0.4	3.3	2.7	11	<0.1	0.7	0.1	75	0.12	0.030
1118715	Soil		0.6	30.1	5.9	55	<0.1	29.8	16.1	338	3.85	4.5	0.6	0.8	3.8	13	<0.1	0.4	<0.1	93	0.16	0.019
1118722	Soil		0.9	40.1	8.1	47	0.2	14.4	11.4	731	3.14	7.9	0.9	3.4	3.5	24	<0.1	0.5	0.1	68	0.30	0.033
1118720	Soil		0.5	18.1	7.1	46	<0.1	17.6	11.3	205	2.85	8.2	0.5	1.6	4.0	12	<0.1	0.5	0.1	61	0.13	0.022
1118714	Soil		0.9	15.9	7.2	47	<0.1	14.8	12.4	301	3.76	7.3	0.6	1.5	4.0	12	<0.1	0.5	0.1	82	0.13	0.025
1118718	Soil		0.4	28.5	4.2	84	<0.1	16.6	19.8	621	4.43	8.1	0.5	3.4	2.5	19	<0.1	0.6	<0.1	106	0.25	0.031
1118716	Soil		0.5	17.7	4.0	40	<0.1	20.8	18.0	318	3.88	6.7	0.5	1.4	3.3	9	<0.1	0.3	<0.1	95	0.18	0.043
1118713	Soil		0.7	17.9	5.8	57	<0.1	17.0	12.8	392	3.41	5.1	0.6	0.7	3.8	18	<0.1	0.4	0.1	81	0.23	0.028
1118702	Soil		0.8	28.3	8.4	57	<0.1	18.9	11.7	408	2.95	8.1	0.6	2.6	3.8	17	<0.1	0.5	0.1	69	0.16	0.026
1118704	Soil		0.6	25.0	7.5	56	<0.1	17.9	10.0	345	2.60	6.7	0.8	2.7	3.8	18	<0.1	0.6	0.1	57	0.19	0.030
1118705	Soil		0.8	21.6	9.0	58	0.1	18.2	10.0	278	2.89	8.7	0.6	4.1	4.0	13	<0.1	0.5	0.2	63	0.12	0.019
1118708	Soil		0.7	21.1	8.2	61	<0.1	17.7	12.9	421	3.37	6.1	0.8	1.1	5.9	13	<0.1	0.6	0.1	69	0.12	0.028
1118709	Soil		1.0	22.8	10.3	57	0.2	20.4	11.0	366	3.21	9.2	0.8	3.0	5.5	12	<0.1	0.7	0.2	69	0.11	0.032
1118712	Soil		0.5	23.8	7.7	59	<0.1	19.4	14.6	366	3.86	4.8	0.5	2.3	4.1	11	<0.1	0.6	<0.1	90	0.13	0.018
1118703	Soil		0.9	22.5	8.8	58	<0.1	16.5	11.4	387	3.42	10.0	0.5	2.4	3.3	13	<0.1	0.6	0.1	76	0.12	0.028
1118706	Soil		0.6	30.1	7.8	64	<0.1	16.5	13.5	461	3.37	5.2	0.8	2.5	5.3	21	<0.1	0.6	<0.1	70	0.18	0.022
1118707	Soil		0.4	23.9	7.4	69	<0.1	17.2	14.5	527	3.43	4.3	0.8	1.3	5.7	24	<0.1	0.5	0.1	67	0.22	0.026

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Project: CHA
Report Date: August 16, 2011

CERTIFICATE OF ANALYSIS DAW11000114.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1118701	Soil		11	32	0.62	372	0.062	2	1.65	0.010	0.07	0.1	0.01	4.3	<0.1	<0.05	5	<0.5	<0.2
1118731	Soil		9	31	0.57	211	0.066	<1	1.90	0.007	0.06	0.1	0.01	3.1	<0.1	<0.05	6	<0.5	<0.2
1118726	Soil		9	14	1.76	413	0.149	<1	3.11	0.009	0.56	<0.1	<0.01	8.2	0.2	<0.05	11	<0.5	<0.2
1118728	Soil		3	17	0.93	190	0.060	<1	1.94	0.017	0.04	<0.1	<0.01	5.4	<0.1	<0.05	7	<0.5	<0.2
1118729	Soil		14	54	1.23	399	0.078	<1	2.29	0.013	0.40	<0.1	<0.01	9.7	0.1	0.07	8	<0.5	<0.2
1118725	Soil		3	11	0.64	207	0.155	<1	1.40	0.008	0.25	<0.1	<0.01	2.9	<0.1	<0.05	5	<0.5	<0.2
1118730	Soil		3	16	0.79	218	0.162	<1	1.98	0.009	0.09	0.1	<0.01	3.2	<0.1	<0.05	8	<0.5	<0.2
1118732	Soil		10	27	0.53	268	0.076	<1	1.79	0.008	0.08	0.1	0.01	2.7	<0.1	<0.05	6	<0.5	<0.2
1118727	Soil		4	25	0.66	213	0.076	<1	2.27	0.015	0.05	<0.1	<0.01	2.5	<0.1	<0.05	5	<0.5	<0.2
1118721	Soil		7	22	0.84	308	0.117	<1	2.38	0.016	0.11	<0.1	<0.01	4.7	0.1	<0.05	6	<0.5	<0.2
1118723	Soil		10	19	0.81	479	0.025	<1	2.09	0.010	0.06	<0.1	<0.01	8.4	<0.1	<0.05	6	<0.5	<0.2
1118724	Soil		3	80	1.06	165	0.092	<1	1.82	0.018	0.12	<0.1	<0.01	5.0	<0.1	<0.05	5	<0.5	<0.2
1118717	Soil		2	33	0.93	110	0.163	<1	1.96	0.014	0.08	<0.1	<0.01	2.6	<0.1	<0.05	6	<0.5	<0.2
1118719	Soil		7	29	0.67	360	0.050	<1	2.42	0.010	0.08	0.1	0.02	4.6	<0.1	<0.05	6	<0.5	<0.2
1118715	Soil		14	95	1.31	271	0.148	<1	2.55	0.012	0.13	<0.1	<0.01	5.2	0.1	<0.05	8	<0.5	<0.2
1118722	Soil		12	24	0.59	877	0.079	<1	1.63	0.014	0.07	0.1	0.03	5.7	<0.1	<0.05	5	<0.5	<0.2
1118720	Soil		10	27	0.62	300	0.077	1	1.99	0.010	0.08	0.1	<0.01	3.4	<0.1	<0.05	5	<0.5	<0.2
1118714	Soil		8	33	0.73	265	0.069	<1	2.23	0.010	0.12	0.1	<0.01	5.1	0.1	<0.05	7	0.6	<0.2
1118718	Soil		8	34	1.53	431	0.082	<1	2.37	0.012	0.10	<0.1	<0.01	7.8	<0.1	<0.05	8	0.5	<0.2
1118716	Soil		6	42	1.23	297	0.166	<1	2.32	0.013	0.30	<0.1	<0.01	4.5	0.2	<0.05	7	<0.5	<0.2
1118713	Soil		10	36	0.97	420	0.119	<1	2.14	0.010	0.16	<0.1	<0.01	4.8	0.1	<0.05	7	<0.5	<0.2
1118702	Soil		10	38	0.69	239	0.089	<1	1.98	0.010	0.06	0.1	0.02	3.9	0.1	<0.05	6	<0.5	<0.2
1118704	Soil		12	31	0.64	242	0.080	2	1.75	0.010	0.07	0.1	0.02	4.3	<0.1	<0.05	5	<0.5	<0.2
1118705	Soil		9	33	0.57	195	0.080	<1	2.21	0.009	0.05	<0.1	0.01	3.8	<0.1	<0.05	6	<0.5	<0.2
1118708	Soil		14	33	0.70	249	0.086	<1	2.26	0.009	0.13	<0.1	0.02	4.7	0.1	<0.05	6	<0.5	<0.2
1118709	Soil		11	36	0.61	243	0.073	1	2.51	0.010	0.08	0.1	0.03	4.5	0.1	<0.05	6	<0.5	<0.2
1118712	Soil		8	47	1.08	231	0.127	<1	2.79	0.010	0.13	<0.1	<0.01	4.9	0.1	<0.05	8	<0.5	<0.2
1118703	Soil		8	37	0.61	154	0.093	<1	2.09	0.008	0.07	0.1	0.01	3.3	0.1	<0.05	7	<0.5	<0.2
1118706	Soil		19	36	0.82	333	0.096	<1	2.21	0.009	0.10	<0.1	0.01	6.2	0.1	<0.05	6	<0.5	<0.2
1118707	Soil		20	38	0.96	376	0.122	<1	2.13	0.009	0.17	<0.1	0.01	5.6	0.1	<0.05	7	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1118710	Soil	0.7	22.5	10.1	64	<0.1	16.5	13.0	371	4.08	6.5	0.7	0.7	6.3	12	<0.1	0.5	0.2	72	0.10	0.023
1118711	Soil	0.7	20.4	9.7	59	<0.1	19.1	10.9	320	3.31	9.4	0.6	2.5	5.4	14	<0.1	0.6	0.1	67	0.12	0.020
1118239	Soil	1.8	27.9	16.4	133	<0.1	12.7	20.8	875	4.99	5.3	0.5	2.3	1.8	12	0.3	0.5	0.3	138	0.16	0.043
1118234	Soil	0.9	33.8	11.1	82	0.1	26.9	13.4	554	3.48	7.0	1.0	2.9	4.0	24	0.2	0.6	0.2	83	0.23	0.031
1118233	Soil	0.8	16.9	8.8	65	<0.1	20.6	14.3	382	3.56	7.3	0.5	4.5	3.3	16	0.2	0.6	0.1	80	0.18	0.033
1118240	Soil	0.3	66.0	5.2	262	<0.1	18.1	21.2	577	4.93	2.0	0.1	<0.5	0.7	10	0.4	0.4	0.4	116	0.15	0.021
1118236	Soil	1.5	25.3	17.1	55	<0.1	20.1	11.5	383	3.29	7.6	0.5	7.6	3.0	17	0.1	1.6	0.2	56	0.20	0.044
1118237	Soil	1.4	17.3	16.4	44	<0.1	12.5	7.7	304	3.06	8.2	0.6	1.0	1.5	12	0.1	0.7	0.2	62	0.13	0.043
1118235	Soil	1.2	19.3	12.2	65	<0.1	24.1	11.3	342	3.35	9.8	0.6	3.6	3.8	16	0.2	0.6	0.2	80	0.19	0.036
1118238	Soil	0.9	52.5	14.5	93	<0.1	42.7	26.7	2014	5.32	5.0	0.6	<0.5	6.0	14	0.2	0.4	0.4	113	0.15	0.035
1118097	Soil	1.0	13.1	10.0	51	<0.1	13.7	8.8	302	3.11	8.1	0.4	<0.5	2.9	10	0.3	0.6	0.2	77	0.12	0.034
1118231	Soil	0.5	32.2	10.5	96	<0.1	51.6	24.9	872	5.31	4.3	0.5	<0.5	5.2	21	<0.1	0.5	0.1	115	0.27	0.042
1118100	Soil	1.0	35.0	14.6	116	<0.1	28.9	12.5	417	3.25	11.2	1.0	1.3	4.1	14	0.4	0.6	0.2	72	0.16	0.059
1118230	Soil	0.4	34.0	11.0	106	<0.1	52.0	28.4	988	5.76	3.9	0.4	<0.5	4.8	24	0.1	0.4	0.1	133	0.31	0.050
1118227	Soil	1.0	26.2	9.0	67	<0.1	29.1	15.3	326	3.16	9.7	0.5	1.1	4.3	14	0.3	0.6	0.2	70	0.15	0.024
1118229	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1118228	Soil	1.0	28.7	9.5	66	<0.1	29.5	14.9	313	3.14	9.7	0.5	3.0	3.7	17	0.2	0.6	0.1	72	0.23	0.032
1118096	Soil	1.3	17.3	13.4	54	<0.1	19.8	10.8	351	3.73	10.8	0.6	3.2	3.7	12	0.2	0.7	0.2	76	0.14	0.040
1118098	Soil	0.4	31.1	2.0	70	<0.1	10.1	19.3	602	4.36	1.1	0.5	<0.5	2.3	16	<0.1	0.3	<0.1	172	0.42	0.054
1118226	Soil	0.8	17.7	5.9	83	<0.1	30.6	16.8	495	3.24	4.2	0.3	<0.5	2.0	25	0.1	0.3	<0.1	73	0.32	0.050
1118232	Soil	2.4	46.6	7.8	86	<0.1	22.5	16.4	486	4.87	20.8	1.2	<0.5	8.0	19	0.1	0.5	0.1	118	0.23	0.037
1118099	Soil	0.9	22.3	7.9	56	<0.1	23.3	11.8	308	3.27	7.4	0.6	1.5	3.9	13	0.1	0.5	0.1	65	0.12	0.029
1118095	Soil	1.2	28.7	12.4	115	<0.1	27.3	12.9	642	3.71	15.3	0.8	<0.5	7.8	9	0.4	0.7	0.2	59	0.11	0.036
1118093	Soil	0.9	18.5	12.0	85	<0.1	24.9	12.8	400	3.79	9.3	0.4	1.1	3.3	14	0.3	0.5	0.2	91	0.14	0.019
1118094	Soil	1.0	16.7	10.9	46	<0.1	14.7	8.6	257	3.36	8.9	0.8	2.8	3.7	14	<0.1	0.5	0.2	69	0.15	0.032
1118092	Soil	0.7	55.6	6.7	70	<0.1	21.5	17.6	603	3.81	6.0	0.5	<0.5	3.2	24	<0.1	0.5	0.1	106	0.42	0.056
1118091	Soil	1.0	16.4	10.8	47	<0.1	22.9	14.4	387	3.00	9.3	0.6	<0.5	3.8	14	0.2	0.5	0.1	64	0.14	0.040
1118089	Soil	1.0	31.3	10.6	72	0.1	27.2	11.9	255	3.05	9.3	0.7	<0.5	2.9	18	0.1	0.6	0.2	67	0.24	0.096
1118084	Soil	0.6	35.5	4.3	88	<0.1	10.1	15.0	820	5.11	4.6	0.3	<0.5	1.7	11	<0.1	0.2	<0.1	74	0.21	0.055
1118085	Soil	0.2	64.8	1.3	84	<0.1	5.0	19.4	1462	4.90	1.0	0.3	<0.5	2.0	12	0.1	0.1	<0.1	122	0.34	0.117

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Project: CHA
Report Date: August 16, 2011

CERTIFICATE OF ANALYSIS DAW11000114.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1118710	Soil		17	32	0.73	248	0.047	<1	2.29	0.007	0.14	<0.1	0.01	4.7	0.1	<0.05	7	<0.5	<0.2
1118711	Soil		11	34	0.66	301	0.076	<1	2.41	0.010	0.09	0.1	0.02	3.9	0.1	<0.05	6	<0.5	<0.2
1118239	Soil		6	21	1.10	346	0.127	<1	2.48	0.010	0.30	0.1	0.03	7.6	0.2	<0.05	9	0.6	<0.2
1118234	Soil		14	47	1.02	565	0.088	<1	2.55	0.011	0.07	0.1	0.03	7.1	0.1	<0.05	7	<0.5	<0.2
1118233	Soil		8	29	0.95	232	0.101	1	2.40	0.010	0.10	0.1	0.02	4.7	0.1	<0.05	6	<0.5	<0.2
1118240	Soil		3	26	2.14	393	0.184	<1	3.37	0.011	0.77	<0.1	0.02	4.5	0.4	<0.05	8	<0.5	<0.2
1118236	Soil		11	27	0.61	367	0.038	2	2.27	0.007	0.07	0.2	0.05	4.4	<0.1	<0.05	6	<0.5	<0.2
1118237	Soil		12	24	0.38	374	0.024	1	2.01	0.006	0.06	0.2	0.03	3.2	0.2	<0.05	7	0.5	<0.2
1118235	Soil		12	38	0.66	310	0.088	1	2.28	0.008	0.05	0.2	0.03	4.0	0.1	<0.05	7	0.6	<0.2
1118238	Soil		20	71	2.22	603	0.035	2	3.62	0.005	0.22	<0.1	0.02	9.3	0.1	<0.05	10	0.5	<0.2
1118097	Soil		8	23	0.50	138	0.068	<1	2.03	0.011	0.05	0.1	0.02	3.2	<0.1	<0.05	7	<0.5	<0.2
1118231	Soil		10	169	2.92	342	0.197	1	3.84	0.009	0.30	0.1	0.01	6.9	0.2	<0.05	12	<0.5	<0.2
1118100	Soil		17	36	0.71	202	0.057	2	2.74	0.008	0.09	0.2	0.05	3.1	0.1	<0.05	7	<0.5	<0.2
1118230	Soil		10	177	3.26	389	0.225	<1	4.08	0.007	0.38	<0.1	0.01	8.1	0.2	<0.05	13	<0.5	<0.2
1118227	Soil		9	36	0.75	183	0.105	2	2.74	0.011	0.09	0.1	0.02	3.6	0.1	<0.05	6	<0.5	<0.2
1118229	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1118228	Soil		9	32	0.75	337	0.106	2	2.52	0.013	0.12	0.2	0.02	3.4	0.1	<0.05	6	0.6	<0.2
1118096	Soil		9	35	0.50	138	0.088	1	2.65	0.009	0.07	0.2	0.05	3.3	<0.1	<0.05	7	<0.5	<0.2
1118098	Soil		6	43	3.12	607	0.194	<1	3.12	0.033	0.73	<0.1	<0.01	8.8	0.3	<0.05	9	<0.5	<0.2
1118226	Soil		6	115	1.60	250	0.178	1	2.31	0.010	0.32	0.1	0.01	3.7	0.2	<0.05	7	<0.5	<0.2
1118232	Soil		14	43	1.52	1740	0.259	<1	3.51	0.015	0.54	0.2	0.02	7.6	0.3	<0.05	12	0.7	<0.2
1118099	Soil		11	55	0.72	390	0.053	2	2.28	0.007	0.09	<0.1	0.03	4.3	<0.1	<0.05	6	<0.5	<0.2
1118095	Soil		24	35	0.92	181	0.087	<1	2.13	0.006	0.21	0.1	0.04	3.3	0.2	<0.05	8	0.6	<0.2
1118093	Soil		10	38	0.89	287	0.106	1	2.61	0.008	0.09	0.1	0.03	5.1	0.2	<0.05	9	<0.5	<0.2
1118094	Soil		12	33	0.51	201	0.082	<1	2.33	0.008	0.06	0.1	0.05	3.5	0.1	<0.05	7	0.6	<0.2
1118092	Soil		11	27	1.25	351	0.143	1	2.16	0.016	0.20	0.1	0.02	6.8	0.1	<0.05	6	<0.5	<0.2
1118091	Soil		11	33	0.50	243	0.060	2	2.98	0.011	0.06	0.1	0.04	4.0	<0.1	<0.05	5	<0.5	<0.2
1118089	Soil		11	34	0.62	185	0.067	2	2.52	0.011	0.09	0.2	0.05	3.4	0.1	<0.05	6	<0.5	<0.2
1118084	Soil		5	15	1.06	198	0.201	<1	2.32	0.009	0.58	<0.1	0.02	7.6	0.3	<0.05	8	<0.5	<0.2
1118085	Soil		7	8	2.08	576	0.156	<1	2.66	0.016	0.70	<0.1	0.03	19.2	0.3	<0.05	10	<0.5	<0.2

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Project: CHA
Report Date: August 16, 2011

CERTIFICATE OF ANALYSIS DAW11000114.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1118090	Soil		1.1	26.8	9.7	64	<0.1	24.2	12.9	301	3.35	8.9	0.4	<0.5	2.7	15	0.1	0.5	0.2	76	0.17	0.037
1118088	Soil		1.7	33.2	8.9	52	<0.1	15.6	6.8	232	3.70	10.8	0.5	0.5	2.7	10	0.1	0.7	0.3	120	0.12	0.036
1118086	Soil		0.7	36.7	5.2	91	<0.1	13.9	18.5	859	5.08	4.9	0.4	<0.5	2.2	11	0.1	0.4	<0.1	129	0.14	0.026
1118087	Soil		1.0	30.7	8.7	61	<0.1	16.1	12.7	561	4.48	8.1	0.4	<0.5	2.9	13	0.1	0.5	0.2	105	0.15	0.034
1119855	Soil		0.4	44.5	9.6	66	<0.1	25.8	19.8	467	4.63	7.2	1.7	<0.5	17.1	15	<0.1	0.6	0.2	58	0.15	0.043
1119856	Soil		0.6	22.5	8.5	61	<0.1	22.9	14.3	431	3.54	5.5	0.9	<0.5	8.0	19	<0.1	0.4	0.1	69	0.22	0.029
1119851	Soil		0.8	23.7	9.5	64	<0.1	31.1	15.2	314	3.61	7.0	0.9	<0.5	10.7	13	0.1	0.5	0.1	58	0.13	0.026
1119853	Soil		0.6	22.2	7.7	54	<0.1	18.8	8.7	185	2.31	4.4	0.7	1.1	2.3	19	<0.1	0.3	0.1	51	0.29	0.068
1119864	Soil		0.7	15.2	10.1	65	<0.1	14.7	10.7	386	3.50	6.9	0.6	0.8	3.4	19	<0.1	0.4	0.1	73	0.24	0.023
1119866	Soil		0.8	22.1	8.9	54	<0.1	18.2	11.7	317	3.52	8.4	0.5	0.5	3.3	15	<0.1	0.4	0.2	75	0.15	0.027
1119863	Soil		0.9	24.7	9.7	61	<0.1	23.6	11.6	360	3.02	10.0	0.9	1.7	5.7	16	<0.1	0.5	0.2	67	0.17	0.028
1119852	Soil		0.9	18.7	8.3	37	<0.1	12.0	8.4	196	2.78	6.8	0.4	<0.5	2.1	12	<0.1	0.5	0.2	77	0.16	0.029
1119858	Soil		0.4	15.5	6.5	62	<0.1	33.0	18.6	811	4.70	1.7	2.0	0.6	20.8	19	<0.1	0.3	<0.1	48	0.33	0.091
1119854	Soil		0.8	27.9	9.7	58	<0.1	25.5	12.3	352	3.19	8.7	1.0	4.4	5.8	18	<0.1	0.5	0.2	60	0.20	0.041
1119865	Soil		0.6	37.3	6.9	72	<0.1	20.0	15.4	571	3.40	4.7	0.5	2.3	3.8	25	<0.1	0.5	0.1	66	0.38	0.028
1119857	Soil		0.6	25.5	9.1	55	<0.1	21.7	12.5	403	2.95	7.2	1.0	4.1	5.6	23	<0.1	0.5	0.2	60	0.26	0.050
1119867	Soil		0.8	27.6	8.7	56	<0.1	19.7	9.4	267	2.59	8.1	0.6	3.0	3.6	17	<0.1	0.4	0.2	62	0.21	0.036
1119868	Soil		0.8	66.6	6.7	64	<0.1	25.3	16.0	329	3.69	9.2	0.5	1.9	3.3	12	<0.1	0.7	0.2	80	0.13	0.021
1119874	Soil		0.5	32.5	6.1	59	<0.1	23.7	14.5	441	3.42	6.2	0.7	4.9	5.4	13	<0.1	0.4	0.1	79	0.17	0.031
1119869	Soil		0.6	51.1	7.7	67	<0.1	17.7	18.4	649	3.60	6.6	0.6	2.2	3.7	14	<0.1	0.5	0.2	87	0.20	0.029
1119875	Soil		0.5	30.2	6.4	58	<0.1	23.0	13.9	419	3.34	6.0	0.7	6.5	5.3	13	<0.1	0.4	0.1	76	0.17	0.031
1119873	Soil		0.5	16.3	5.9	35	<0.1	11.8	7.3	198	2.57	2.7	0.4	0.7	1.6	10	<0.1	0.2	0.1	72	0.10	0.024
1119871	Soil		0.6	66.6	5.0	68	<0.1	18.8	16.4	474	3.79	5.5	1.0	1.2	3.4	38	0.1	0.3	0.1	112	0.87	0.269
1119872	Soil		0.7	23.5	7.9	54	<0.1	23.3	11.0	255	3.45	8.2	0.7	1.7	4.0	14	<0.1	0.5	0.1	70	0.18	0.053
1118847	Soil		0.9	21.9	9.2	57	<0.1	23.9	9.9	238	3.19	10.1	0.8	1.6	5.5	11	<0.1	0.6	0.2	61	0.11	0.033
1119870	Soil		0.5	33.5	4.6	78	<0.1	15.5	16.3	582	4.33	4.7	0.7	1.3	4.6	17	0.1	0.5	0.1	117	0.25	0.087
1118844	Soil		0.4	22.2	3.8	64	<0.1	9.2	14.8	436	3.75	2.9	0.3	1.0	1.5	15	<0.1	0.3	<0.1	94	0.19	0.033
1119861	Soil		0.6	25.8	6.1	64	<0.1	17.2	14.7	379	3.20	5.5	0.4	1.9	3.4	16	<0.1	0.4	0.1	66	0.21	0.035
1118850	Soil		1.0	27.2	9.8	63	<0.1	23.4	12.1	362	3.14	10.5	1.0	2.8	5.3	16	<0.1	0.5	0.2	69	0.16	0.039
1118843	Soil		0.8	24.6	9.3	52	<0.1	20.4	10.5	307	3.00	9.3	0.8	4.0	3.5	16	<0.1	0.5	0.2	67	0.16	0.033

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1118090	Soil	9	36	0.78	324	0.069	1	2.57	0.009	0.08	0.1	0.03	4.0	0.1	<0.05	7	<0.5	<0.2
1118088	Soil	10	27	0.44	80	0.078	2	2.03	0.008	0.05	0.2	0.05	2.7	0.1	<0.05	10	<0.5	<0.2
1118086	Soil	6	19	1.57	516	0.205	<1	3.03	0.010	0.81	0.1	0.03	11.0	0.4	<0.05	9	<0.5	<0.2
1118087	Soil	10	26	0.76	468	0.090	2	2.18	0.008	0.15	0.1	0.02	7.2	0.1	<0.05	8	<0.5	<0.2
1119855	Soil	52	25	0.57	343	0.053	<1	1.90	0.006	0.22	<0.1	0.03	4.8	0.2	<0.05	5	0.7	<0.2
1119856	Soil	28	35	0.72	317	0.113	<1	1.88	0.010	0.21	<0.1	0.03	4.6	0.1	<0.05	6	<0.5	<0.2
1119851	Soil	27	33	0.77	212	0.105	<1	2.37	0.008	0.28	0.1	0.04	3.5	0.2	<0.05	6	<0.5	<0.2
1119853	Soil	13	27	0.60	207	0.087	1	1.54	0.010	0.11	0.1	0.04	2.5	0.1	<0.05	5	0.5	<0.2
1119864	Soil	11	28	0.76	619	0.081	<1	2.47	0.008	0.12	<0.1	0.02	4.0	0.2	<0.05	8	0.6	<0.2
1119866	Soil	9	42	0.76	265	0.090	<1	2.45	0.008	0.11	0.1	0.04	3.6	0.1	<0.05	7	<0.5	<0.2
1119863	Soil	16	36	0.62	345	0.068	1	2.37	0.010	0.06	0.1	0.04	4.7	0.2	<0.05	6	<0.5	<0.2
1119852	Soil	8	18	0.37	132	0.090	1	1.39	0.008	0.08	0.1	0.03	2.2	0.1	<0.05	6	0.5	<0.2
1119858	Soil	62	43	0.91	664	0.029	<1	2.00	0.008	0.15	<0.1	0.02	7.1	<0.1	<0.05	9	<0.5	<0.2
1119854	Soil	21	34	0.60	417	0.064	2	2.08	0.010	0.12	0.2	0.03	4.4	0.1	<0.05	5	<0.5	<0.2
1119865	Soil	14	43	1.11	467	0.088	<1	2.04	0.011	0.12	<0.1	0.02	6.3	0.1	<0.05	6	<0.5	<0.2
1119857	Soil	21	30	0.63	405	0.078	<1	1.83	0.011	0.10	0.1	0.03	5.3	0.1	<0.05	6	<0.5	<0.2
1119867	Soil	12	31	0.63	392	0.060	<1	1.96	0.010	0.06	0.1	0.02	3.8	<0.1	<0.05	6	<0.5	<0.2
1119868	Soil	8	47	0.76	227	0.051	<1	2.52	0.009	0.09	<0.1	0.03	7.1	0.1	<0.05	6	<0.5	<0.2
1119874	Soil	17	41	1.01	239	0.106	<1	2.02	0.011	0.17	<0.1	0.02	4.9	0.1	<0.05	7	<0.5	<0.2
1119869	Soil	13	40	0.98	430	0.096	<1	2.21	0.011	0.16	<0.1	0.02	6.1	0.1	<0.05	7	<0.5	<0.2
1119875	Soil	17	41	0.99	231	0.101	<1	2.00	0.011	0.16	<0.1	0.01	4.6	0.1	<0.05	6	<0.5	<0.2
1119873	Soil	11	28	0.66	133	0.074	<1	1.45	0.011	0.09	<0.1	0.02	2.9	<0.1	<0.05	7	<0.5	<0.2
1119871	Soil	14	28	1.18	465	0.137	1	2.10	0.038	0.17	0.1	0.02	6.9	<0.1	<0.05	8	<0.5	<0.2
1119872	Soil	13	37	0.74	222	0.108	1	2.27	0.010	0.15	0.1	0.03	3.7	0.2	<0.05	7	<0.5	<0.2
1118847	Soil	15	32	0.65	129	0.106	1	2.07	0.010	0.16	0.1	0.05	3.2	0.2	<0.05	6	<0.5	<0.2
1119870	Soil	13	27	1.24	300	0.061	<1	2.32	0.014	0.07	<0.1	0.02	8.2	<0.1	<0.05	9	<0.5	<0.2
1118844	Soil	4	16	0.97	234	0.189	<1	2.09	0.016	0.41	<0.1	0.02	4.0	0.2	<0.05	6	<0.5	<0.2
1119861	Soil	10	39	1.02	295	0.153	<1	2.10	0.011	0.29	<0.1	0.02	2.8	0.2	<0.05	6	<0.5	<0.2
1118850	Soil	17	35	0.66	251	0.090	<1	2.26	0.011	0.06	0.1	0.03	4.3	0.1	<0.05	6	<0.5	<0.2
1118843	Soil	12	31	0.62	329	0.073	1	2.14	0.012	0.07	0.1	0.03	4.0	0.1	<0.05	6	<0.5	<0.2

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600 - 666 Burrard St.
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Project: CHA
Report Date: August 16, 2011

CERTIFICATE OF ANALYSIS DAW11000114.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1118846	Soil	0.5	49.9	4.1	78	<0.1	13.0	17.2	428	4.13	10.5	0.8	1.2	1.8	17	<0.1	0.5	<0.1	76	0.17	0.050
1119862	Soil	0.6	17.8	11.3	88	<0.1	16.1	13.6	401	3.53	5.7	1.2	1.4	5.0	15	0.1	1.1	0.2	52	0.18	0.049
1119859	Soil	0.7	23.0	6.4	55	<0.1	16.8	18.5	434	4.06	5.8	0.5	0.6	3.8	15	<0.1	0.4	<0.1	96	0.21	0.034
1119860	Soil	0.9	14.4	11.2	37	<0.1	13.7	7.3	175	2.63	6.8	0.7	2.3	3.0	13	<0.1	0.4	0.2	63	0.13	0.032
1118849	Soil	0.8	21.2	7.5	58	<0.1	19.6	12.6	369	2.79	7.6	0.5	3.6	3.2	15	0.2	0.6	0.2	54	0.21	0.054
1118845	Soil	0.8	17.9	8.3	52	<0.1	15.4	9.7	274	3.22	7.9	0.5	1.7	2.2	15	<0.1	0.5	0.2	71	0.17	0.051
1118848	Soil	0.8	24.0	8.9	55	0.2	14.2	8.3	311	3.00	7.1	0.6	2.6	1.8	14	<0.1	0.4	0.1	61	0.17	0.048
1118152	Soil	0.6	17.6	7.7	67	<0.1	9.3	13.2	501	3.22	3.6	0.4	1.3	2.3	17	<0.1	0.5	<0.1	71	0.19	0.040
1118157	Soil	0.9	32.7	7.2	71	<0.1	15.9	13.7	475	3.27	5.9	0.4	2.2	2.0	24	0.1	0.4	0.1	82	0.22	0.037
1118170	Soil	2.2	28.7	9.7	93	<0.1	18.2	12.2	412	3.45	7.4	0.6	3.1	4.0	18	0.2	0.5	0.1	70	0.19	0.029
1118163	Soil	0.7	24.0	5.4	65	<0.1	17.0	18.4	581	3.28	5.0	0.5	2.5	2.2	18	<0.1	0.8	<0.1	72	0.19	0.022
1118164	Soil	0.8	15.9	8.5	51	<0.1	14.8	9.4	399	2.55	6.4	0.6	2.0	2.8	16	<0.1	0.5	0.1	54	0.22	0.064
1118159	Soil	0.5	41.4	5.4	68	<0.1	16.4	11.8	386	2.57	4.5	0.5	0.7	2.7	28	<0.1	0.5	<0.1	58	0.34	0.032
1118169	Soil	2.6	15.0	7.2	74	<0.1	10.7	14.3	670	3.65	4.7	0.6	1.3	4.4	22	<0.1	0.5	0.1	78	0.33	0.045
1118158	Soil	0.8	42.9	6.4	76	<0.1	18.4	13.2	413	2.78	5.6	0.4	2.5	2.6	24	<0.1	0.5	<0.1	63	0.24	0.029
1118153	Soil	0.8	13.5	8.6	52	<0.1	10.3	6.0	193	2.38	6.2	0.3	2.7	1.1	16	<0.1	0.4	0.2	73	0.11	0.030
1118171	Soil	1.0	24.2	10.2	55	0.1	21.4	9.9	266	2.86	10.4	0.9	2.5	5.1	16	0.2	0.7	0.2	63	0.16	0.029
1118154	Soil	0.9	14.0	9.7	41	0.1	14.8	7.1	182	2.46	8.2	0.6	2.0	4.2	13	0.1	0.4	0.2	55	0.12	0.024
1118165	Soil	0.9	11.0	7.5	50	<0.1	11.8	8.9	286	4.27	8.1	0.4	1.6	2.8	13	0.2	0.5	0.1	75	0.12	0.040
1118156	Soil	0.8	17.3	10.2	55	<0.1	14.0	8.2	273	2.69	7.1	0.6	1.6	2.1	21	<0.1	0.4	0.2	61	0.20	0.025
1118155	Soil	0.9	16.4	9.0	58	<0.1	16.8	10.6	329	3.20	9.3	0.4	1.9	2.9	14	0.2	0.5	0.2	70	0.13	0.025
1118172	Soil	2.2	80.1	8.6	60	0.1	19.7	14.0	459	3.12	8.1	0.9	2.3	5.6	18	0.3	0.6	0.1	60	0.20	0.030
1118168	Soil	2.2	11.3	8.7	26	<0.1	5.5	4.0	140	1.91	7.3	0.6	2.1	0.7	11	0.1	0.5	0.1	49	0.09	0.030
1118179	Soil	0.7	27.9	11.0	57	0.1	17.5	11.3	355	2.84	5.0	1.0	1.8	3.0	34	<0.1	0.5	0.1	57	0.41	0.047
1118162	Soil	1.4	20.4	7.0	45	<0.1	9.7	8.8	228	2.91	7.8	0.3	0.8	1.5	11	<0.1	0.7	0.1	98	0.10	0.018
1118167	Soil	1.4	10.5	7.0	54	<0.1	8.6	10.9	412	3.18	6.9	0.6	0.9	3.2	12	<0.1	0.6	0.1	64	0.13	0.028
1118175	Soil	1.2	21.1	9.4	52	0.2	19.8	10.8	255	3.15	9.0	0.4	1.3	2.2	13	0.1	0.6	0.2	65	0.15	0.023
1118180	Soil	0.9	36.4	9.2	59	<0.1	20.2	15.2	491	3.39	6.2	0.6	0.9	3.7	28	0.1	0.5	0.2	75	0.38	0.035
1118181	Soil	0.8	25.1	7.7	56	<0.1	21.9	16.7	505	3.94	5.7	0.5	0.8	2.4	13	<0.1	0.5	0.1	85	0.20	0.046
1118151	Soil	0.6	17.0	6.5	59	<0.1	8.9	10.2	362	2.97	4.6	0.3	1.0	1.8	12	<0.1	0.4	0.1	76	0.10	0.022

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Project: CHA
Report Date: August 16, 2011

CERTIFICATE OF ANALYSIS DAW11000114.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1118846	Soil	5	20	1.00	342	0.249	<1	2.45	0.014	0.80	0.1	0.02	2.9	0.3	<0.05	6	<0.5	<0.2
1119862	Soil	13	25	0.61	345	0.050	<1	2.27	0.009	0.21	0.1	<0.01	4.9	0.2	<0.05	6	<0.5	<0.2
1119859	Soil	11	32	0.99	473	0.156	<1	2.51	0.012	0.32	<0.1	0.02	4.2	0.2	<0.05	7	<0.5	<0.2
1119860	Soil	15	29	0.41	315	0.051	<1	1.90	0.008	0.10	<0.1	0.02	3.5	0.1	<0.05	7	<0.5	<0.2
1118849	Soil	10	23	0.60	198	0.065	<1	1.89	0.012	0.13	0.1	0.03	3.2	0.1	<0.05	4	<0.5	<0.2
1118845	Soil	9	26	0.60	241	0.118	<1	1.82	0.012	0.19	0.1	0.01	2.9	0.1	<0.05	6	<0.5	<0.2
1118848	Soil	9	25	0.53	218	0.091	<1	1.58	0.011	0.16	0.1	0.04	3.8	<0.1	<0.05	6	<0.5	<0.2
1118152	Soil	8	15	0.90	339	0.132	<1	1.84	0.009	0.39	0.1	0.01	2.9	0.2	<0.05	6	<0.5	<0.2
1118157	Soil	7	27	0.97	318	0.154	<1	2.02	0.012	0.24	<0.1	0.02	3.0	0.1	<0.05	7	<0.5	<0.2
1118170	Soil	10	25	0.80	281	0.089	<1	2.29	0.009	0.18	0.2	0.03	3.5	0.2	<0.05	6	<0.5	<0.2
1118163	Soil	6	46	1.17	201	0.099	<1	2.12	0.010	0.19	0.1	0.01	4.2	0.1	<0.05	6	<0.5	<0.2
1118164	Soil	12	23	0.55	305	0.061	<1	1.74	0.010	0.13	0.1	0.02	3.2	0.1	<0.05	5	<0.5	<0.2
1118159	Soil	9	28	0.92	298	0.134	<1	1.52	0.014	0.20	0.1	0.02	3.2	0.1	<0.05	5	<0.5	<0.2
1118169	Soil	10	17	1.09	329	0.113	<1	2.35	0.008	0.35	<0.1	0.01	4.0	0.3	<0.05	7	<0.5	<0.2
1118158	Soil	9	42	0.98	200	0.143	<1	1.79	0.011	0.17	<0.1	0.02	2.7	0.2	<0.05	5	<0.5	<0.2
1118153	Soil	7	18	0.44	129	0.112	<1	1.41	0.008	0.09	<0.1	0.03	2.0	<0.1	<0.05	8	<0.5	<0.2
1118171	Soil	14	34	0.52	259	0.072	1	2.32	0.014	0.07	0.1	0.05	4.2	0.1	<0.05	6	<0.5	<0.2
1118154	Soil	11	31	0.40	183	0.065	1	2.23	0.010	0.06	0.2	0.06	3.1	0.1	<0.05	5	<0.5	<0.2
1118165	Soil	7	23	0.62	162	0.133	<1	2.40	0.007	0.15	0.1	0.05	2.3	0.1	<0.05	7	<0.5	<0.2
1118156	Soil	8	21	0.58	542	0.058	1	1.86	0.005	0.09	<0.1	0.03	3.0	0.1	<0.05	6	<0.5	<0.2
1118155	Soil	7	24	0.67	241	0.110	2	1.95	0.005	0.18	0.1	0.02	2.3	<0.1	<0.05	6	<0.5	<0.2
1118172	Soil	13	29	0.80	383	0.073	2	2.16	0.005	0.30	0.2	0.01	3.5	0.2	<0.05	6	<0.5	<0.2
1118168	Soil	7	11	0.23	135	0.038	<1	1.15	0.005	0.07	0.1	0.03	1.7	<0.1	<0.05	6	<0.5	<0.2
1118179	Soil	12	25	0.69	570	0.058	1	1.56	0.008	0.15	0.1	0.04	7.1	<0.1	<0.05	5	<0.5	<0.2
1118162	Soil	6	19	0.52	170	0.137	<1	1.43	0.005	0.14	<0.1	<0.01	2.5	0.1	<0.05	8	<0.5	<0.2
1118167	Soil	9	13	0.73	206	0.093	1	1.78	0.005	0.25	<0.1	0.01	2.3	0.2	<0.05	5	<0.5	<0.2
1118175	Soil	7	31	0.59	305	0.068	1	1.92	0.005	0.09	0.1	0.02	2.6	<0.1	<0.05	6	<0.5	<0.2
1118180	Soil	14	24	0.91	533	0.074	1	1.89	0.007	0.19	0.1	0.02	3.9	0.1	<0.05	6	<0.5	<0.2
1118181	Soil	9	44	1.07	212	0.043	<1	2.23	0.005	0.10	0.1	0.02	5.3	0.1	<0.05	7	<0.5	<0.2
1118151	Soil	6	15	0.65	250	0.118	<1	1.59	0.004	0.28	<0.1	0.02	2.5	0.1	<0.05	7	<0.5	<0.2

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Project: CHA
Report Date: August 16, 2011

CERTIFICATE OF ANALYSIS DAW11000114.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1118177	Soil		0.9	13.8	6.3	28	0.2	11.2	10.6	323	2.51	3.9	0.4	1.0	0.4	39	0.3	0.3	0.1	81	0.55	0.060
1118178	Soil		0.5	24.1	8.8	56	0.1	19.8	13.8	264	3.24	6.0	1.1	1.7	4.0	24	0.1	0.4	0.1	72	0.41	0.060
1118173	Soil		0.6	57.0	6.1	77	<0.1	10.8	12.9	436	3.63	3.6	1.0	<0.5	2.1	16	<0.1	0.4	0.1	71	0.20	0.037
1118174	Soil		1.7	66.6	8.3	47	0.1	16.5	10.5	350	2.73	5.7	0.7	1.3	2.2	27	<0.1	0.4	0.1	56	0.41	0.048
1118182	Soil		0.9	19.6	8.8	49	<0.1	20.3	12.2	359	3.77	7.8	0.4	2.5	2.2	14	0.1	0.5	0.2	78	0.18	0.035
1118160	Soil		0.6	44.8	9.3	59	<0.1	21.1	9.4	273	2.75	6.8	0.9	2.9	2.6	21	<0.1	0.5	0.1	58	0.31	0.038
1118166	Soil		1.6	21.2	7.5	48	<0.1	16.3	8.8	373	2.25	5.0	1.2	6.5	7.1	11	0.1	0.4	<0.1	38	0.11	0.017
1118161	Soil		0.5	29.9	5.5	56	<0.1	13.9	10.0	325	2.25	3.8	0.3	0.8	2.1	17	<0.1	0.4	<0.1	49	0.18	0.025
1118183	Soil		1.5	26.5	8.9	61	<0.1	21.1	14.9	555	3.93	6.8	0.4	1.4	3.4	16	0.1	0.5	0.2	105	0.22	0.035
1118359	Soil		0.6	18.6	8.7	57	<0.1	16.5	8.4	322	2.23	4.8	0.7	1.4	3.6	26	<0.1	0.5	0.1	47	0.27	0.027
1118358	Soil		0.6	14.4	11.5	44	<0.1	14.0	6.1	168	2.35	7.8	0.4	0.8	1.5	17	0.1	0.5	0.2	57	0.16	0.028
1118363	Soil		1.1	16.3	9.7	58	<0.1	19.3	10.0	301	2.95	8.5	0.6	0.8	3.8	16	0.1	0.5	0.2	61	0.14	0.036
1118362	Soil		0.5	15.3	31.3	75	<0.1	8.1	7.3	344	2.29	4.7	1.1	0.9	3.5	8	0.1	2.4	<0.1	34	0.10	0.032
1118365	Soil		0.7	19.4	8.6	63	<0.1	15.2	10.8	489	2.77	4.4	0.7	0.6	4.3	12	0.1	0.5	0.1	48	0.14	0.027
1118360	Soil		0.6	23.5	7.8	64	<0.1	16.2	11.9	341	2.97	6.8	0.6	0.8	2.8	20	<0.1	0.4	0.1	73	0.19	0.034
1118351	Soil		0.6	28.2	7.1	69	<0.1	14.1	15.1	502	3.64	5.2	0.5	<0.5	2.8	21	<0.1	0.5	<0.1	76	0.29	0.040
1118352	Soil		1.2	47.9	12.4	65	0.3	18.1	10.4	307	3.29	9.1	1.1	2.2	1.5	19	0.2	0.5	0.2	71	0.19	0.051
1118356	Soil		0.8	25.5	8.9	51	<0.1	18.2	9.2	298	2.47	6.9	0.7	2.8	3.1	23	<0.1	0.5	0.1	55	0.24	0.031
1118383	Soil		0.5	38.5	7.1	52	<0.1	16.2	10.4	371	2.71	5.7	0.6	<0.5	4.1	14	0.1	0.4	0.1	59	0.17	0.025
1118361	Soil		0.6	27.5	11.6	49	<0.1	13.2	8.6	363	2.27	5.8	1.0	<0.5	5.2	14	<0.1	1.6	0.1	38	0.14	0.034
1118355	Soil		0.4	32.7	5.8	64	<0.1	14.5	15.2	494	2.74	3.8	0.3	<0.5	2.2	21	<0.1	0.4	<0.1	59	0.25	0.034
1118384	Soil		0.5	29.2	7.0	64	<0.1	23.6	15.2	534	3.27	4.7	0.8	0.5	6.5	17	<0.1	0.4	0.1	74	0.22	0.043
1118380	Soil		0.6	46.8	10.4	78	<0.1	21.2	14.8	524	3.50	5.3	0.9	0.7	5.7	24	0.2	0.7	0.2	82	0.34	0.043
1118364	Soil		0.4	13.1	16.3	50	<0.1	10.5	6.7	327	2.08	3.7	0.7	<0.5	4.4	14	<0.1	0.3	<0.1	35	0.17	0.032
1118357	Soil		0.6	23.0	7.0	61	<0.1	15.1	12.3	459	2.61	4.3	0.4	0.8	2.5	18	<0.1	0.5	<0.1	55	0.21	0.035
1118382	Soil		0.6	27.0	9.1	81	<0.1	41.8	21.1	743	4.05	5.0	0.7	1.5	6.7	22	<0.1	0.4	0.2	84	0.24	0.038
1118377	Soil		1.0	20.8	9.6	62	<0.1	15.3	9.1	330	3.82	8.2	0.6	1.6	2.6	12	0.1	0.8	0.3	89	0.14	0.037
1118371	Soil		1.0	29.0	6.5	73	<0.1	23.0	14.3	405	3.10	6.4	0.6	2.6	3.3	21	<0.1	0.4	0.1	73	0.25	0.038
1118176	Soil		1.2	14.1	18.1	53	0.2	16.3	12.4	376	3.10	33.7	0.7	12.0	1.9	18	0.1	1.5	0.2	59	0.26	0.042
1118376	Soil		0.6	35.2	6.8	99	<0.1	19.4	22.0	834	4.72	4.5	0.9	1.6	4.3	16	<0.1	0.6	0.2	112	0.21	0.058

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

Project: CHA
Report Date: August 16, 2011

CERTIFICATE OF ANALYSIS DAW11000114.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1118177	Soil	9	19	0.53	958	0.031	1	1.25	0.009	0.06	<0.1	0.05	6.5	<0.1	0.05	6	<0.5	<0.2
1118178	Soil	14	29	0.99	528	0.053	1	1.92	0.009	0.07	0.1	0.04	7.7	<0.1	<0.05	6	<0.5	<0.2
1118173	Soil	9	24	1.05	277	0.083	<1	2.11	0.003	0.35	0.1	0.04	3.3	0.2	<0.05	7	<0.5	<0.2
1118174	Soil	10	27	0.66	578	0.057	1	1.74	0.009	0.10	0.1	0.02	3.8	0.1	<0.05	5	<0.5	<0.2
1118182	Soil	9	36	0.74	187	0.047	<1	1.89	0.005	0.08	0.1	0.02	3.9	<0.1	<0.05	6	<0.5	<0.2
1118160	Soil	12	33	0.70	409	0.084	1	1.82	0.007	0.13	0.1	0.03	4.5	0.1	<0.05	5	<0.5	<0.2
1118166	Soil	16	20	0.39	249	0.030	<1	1.38	0.004	0.07	<0.1	<0.01	2.6	<0.1	<0.05	3	<0.5	<0.2
1118161	Soil	7	22	0.69	272	0.104	<1	1.30	0.006	0.15	<0.1	0.01	2.4	<0.1	<0.05	4	<0.5	<0.2
1118183	Soil	11	36	0.93	333	0.081	<1	1.93	0.007	0.10	<0.1	0.02	4.8	<0.1	<0.05	8	<0.5	<0.2
1118359	Soil	13	24	0.52	592	0.071	<1	1.21	0.010	0.06	<0.1	0.01	3.4	<0.1	<0.05	4	<0.5	<0.2
1118358	Soil	9	23	0.40	301	0.054	<1	1.48	0.005	0.07	0.1	0.03	2.5	<0.1	<0.05	6	<0.5	<0.2
1118363	Soil	12	28	0.51	385	0.076	1	2.19	0.006	0.09	0.1	0.02	3.5	0.1	<0.05	6	<0.5	<0.2
1118362	Soil	8	14	0.35	241	0.032	<1	1.34	0.004	0.18	<0.1	0.02	2.8	0.1	<0.05	4	<0.5	<0.2
1118365	Soil	12	26	0.59	240	0.072	<1	1.44	0.006	0.11	<0.1	0.02	3.1	<0.1	<0.05	5	<0.5	<0.2
1118360	Soil	9	28	0.79	413	0.105	1	1.97	0.006	0.18	<0.1	0.03	3.3	0.1	<0.05	6	<0.5	<0.2
1118351	Soil	8	24	1.00	548	0.118	1	2.19	0.006	0.36	<0.1	0.02	3.7	0.1	<0.05	6	<0.5	<0.2
1118352	Soil	10	32	0.55	450	0.041	<1	2.47	0.005	0.15	0.1	0.03	5.0	0.1	<0.05	7	<0.5	<0.2
1118356	Soil	12	28	0.60	539	0.067	<1	1.72	0.008	0.06	0.1	0.02	4.2	<0.1	<0.05	5	<0.5	<0.2
1118383	Soil	12	27	0.65	300	0.076	<1	1.65	0.006	0.12	0.1	<0.01	4.3	<0.1	<0.05	5	<0.5	<0.2
1118361	Soil	15	21	0.31	327	0.035	<1	1.21	0.005	0.08	0.1	0.02	3.0	<0.1	<0.05	4	<0.5	<0.2
1118355	Soil	8	20	0.96	395	0.110	1	1.73	0.007	0.18	<0.1	0.02	3.3	0.1	<0.05	5	<0.5	<0.2
1118384	Soil	24	45	1.08	406	0.120	<1	2.04	0.008	0.28	0.1	0.02	5.1	0.2	<0.05	7	<0.5	<0.2
1118380	Soil	19	33	0.97	622	0.133	1	1.65	0.012	0.34	0.1	0.05	7.0	0.1	<0.05	6	<0.5	<0.2
1118364	Soil	17	16	0.38	373	0.037	<1	1.21	0.005	0.08	<0.1	0.01	2.5	<0.1	<0.05	4	<0.5	<0.2
1118357	Soil	9	24	0.68	307	0.077	<1	1.58	0.006	0.13	<0.1	0.01	2.8	<0.1	<0.05	5	<0.5	<0.2
1118382	Soil	22	76	1.55	513	0.121	<1	2.48	0.009	0.31	<0.1	0.02	5.3	0.2	<0.05	7	<0.5	<0.2
1118377	Soil	12	29	0.58	205	0.090	<1	1.80	0.009	0.14	0.1	0.03	3.9	<0.1	<0.05	8	<0.5	<0.2
1118371	Soil	9	48	1.06	293	0.165	<1	2.07	0.013	0.24	0.1	0.02	2.8	0.2	<0.05	6	<0.5	<0.2
1118176	Soil	10	20	0.46	280	0.025	<1	1.45	0.008	0.11	<0.1	0.04	4.0	0.2	<0.05	5	<0.5	<0.2
1118376	Soil	13	53	1.43	384	0.154	<1	2.46	0.011	0.42	<0.1	0.01	6.8	0.2	<0.05	9	<0.5	<0.2

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

Project: CHA
Report Date: August 16, 2011

CERTIFICATE OF ANALYSIS DAW11000114.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1118370	Soil	1.0	43.0	9.2	79	<0.1	16.0	14.1	474	4.35	7.2	0.5	0.7	3.1	42	<0.1	0.5	0.1	113	0.18	0.029
1118379	Soil	0.9	23.4	10.7	56	<0.1	24.3	12.0	388	3.35	9.0	1.1	2.5	6.2	17	<0.1	0.5	0.2	77	0.21	0.032
1118353	Soil	0.9	30.7	13.0	85	<0.1	20.8	14.6	478	3.18	6.8	0.6	2.5	3.5	26	0.3	0.7	0.1	67	0.30	0.039
1118354	Soil	0.8	33.7	9.3	68	<0.1	20.9	14.0	443	3.27	7.6	0.8	1.5	4.0	26	<0.1	0.6	0.1	74	0.28	0.028
1118366	Soil	0.5	51.3	11.0	74	<0.1	16.6	18.5	627	3.72	3.1	0.4	1.0	2.6	14	0.1	0.3	<0.1	86	0.23	0.042
1118368	Soil	0.6	25.2	9.1	73	<0.1	21.6	17.1	557	3.86	5.1	0.8	1.7	5.5	21	<0.1	0.4	0.1	86	0.21	0.035
1118381	Soil	0.9	48.8	13.0	89	<0.1	24.6	16.4	568	4.01	5.8	1.1	1.4	6.9	28	0.2	0.9	0.2	96	0.40	0.052
1118378	Soil	0.7	19.9	7.8	60	<0.1	19.6	14.2	521	3.28	4.7	0.6	1.1	4.1	20	<0.1	0.4	0.1	77	0.26	0.038
1118374	Soil	0.8	28.5	8.8	74	<0.1	21.5	13.6	407	4.20	8.6	0.4	<0.5	2.7	17	0.1	0.5	0.1	82	0.17	0.029
1118367	Soil	0.9	19.0	11.4	58	<0.1	14.8	10.0	300	3.44	4.5	0.7	0.7	3.4	17	<0.1	0.5	0.2	96	0.17	0.039
1118372	Soil	0.5	33.6	6.7	96	<0.1	22.6	19.5	598	4.00	6.4	0.6	2.2	4.3	21	<0.1	0.4	0.1	97	0.27	0.051
1118375	Soil	0.6	30.1	8.3	71	<0.1	19.4	16.9	711	3.77	6.9	1.0	1.7	5.7	21	<0.1	0.8	0.1	76	0.29	0.041
1118369	Soil	0.7	23.8	9.5	69	<0.1	21.7	15.6	480	3.69	5.5	0.8	1.5	5.2	21	<0.1	0.5	0.1	84	0.21	0.034
1118373	Soil	0.8	21.7	9.2	58	<0.1	16.0	11.5	448	3.48	6.5	0.5	2.0	4.2	16	<0.1	0.4	0.2	94	0.17	0.043

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Project: CHA
Report Date: August 16, 2011

CERTIFICATE OF ANALYSIS DAW11000114.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1118370	Soil	7	24	0.94	392	0.179	<1	2.55	0.010	0.50	0.1	0.03	3.8	0.3	<0.05	8	<0.5	<0.2
1118379	Soil	20	37	0.68	401	0.092	<1	2.21	0.011	0.14	0.2	0.03	4.8	0.1	<0.05	7	<0.5	<0.2
1118353	Soil	11	29	0.88	518	0.104	<1	1.89	0.011	0.14	0.1	0.03	4.2	0.1	<0.05	5	0.5	<0.2
1118354	Soil	13	34	0.87	450	0.115	1	1.96	0.014	0.15	0.1	0.02	4.4	<0.1	<0.05	6	<0.5	<0.2
1118366	Soil	5	56	1.50	439	0.188	<1	2.33	0.014	0.50	<0.1	<0.01	4.7	0.2	<0.05	7	<0.5	<0.2
1118368	Soil	19	32	0.94	427	0.122	<1	2.02	0.012	0.22	<0.1	0.01	5.4	0.1	<0.05	7	<0.5	<0.2
1118381	Soil	23	38	1.14	706	0.146	<1	2.00	0.020	0.35	<0.1	0.05	7.8	0.1	<0.05	7	0.6	<0.2
1118378	Soil	14	31	0.91	433	0.106	<1	1.82	0.012	0.23	<0.1	0.01	4.6	0.1	<0.05	6	<0.5	<0.2
1118374	Soil	7	48	1.03	187	0.170	1	2.40	0.011	0.26	0.1	0.03	3.2	0.1	<0.05	7	<0.5	<0.2
1118367	Soil	16	34	0.80	291	0.109	<1	2.01	0.010	0.16	<0.1	0.02	3.9	0.1	<0.05	9	<0.5	<0.2
1118372	Soil	16	38	1.27	441	0.204	<1	2.26	0.013	0.56	<0.1	0.02	4.3	0.2	<0.05	8	<0.5	<0.2
1118375	Soil	17	35	0.83	730	0.101	1	1.79	0.011	0.25	<0.1	0.02	7.0	0.1	<0.05	6	<0.5	<0.2
1118369	Soil	18	30	0.86	443	0.109	<1	2.10	0.012	0.18	<0.1	0.02	5.1	0.1	<0.05	7	<0.5	<0.2
1118373	Soil	12	32	0.77	205	0.154	1	2.02	0.011	0.23	<0.1	0.01	3.2	0.1	<0.05	8	<0.5	<0.2

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Project: CHA
Report Date: August 16, 2011

QUALITY CONTROL REPORT DAW11000114.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1118729	Soil	1.1	31.0	12.5	52	<0.1	19.5	17.5	329	4.49	13.6	0.8	<0.5	6.0	32	<0.1	0.4	0.1	96	0.15	0.033
REP 1118729	QC	1.1	31.3	13.8	52	<0.1	20.5	17.5	346	4.54	13.6	0.8	<0.5	5.7	31	<0.1	0.4	0.1	95	0.16	0.031
1118706	Soil	0.6	30.1	7.8	64	<0.1	16.5	13.5	461	3.37	5.2	0.8	2.5	5.3	21	<0.1	0.6	<0.1	70	0.18	0.022
REP 1118706	QC	0.6	31.3	8.6	67	<0.1	16.9	13.5	460	3.43	5.8	0.8	2.0	5.6	22	<0.1	0.5	0.1	70	0.19	0.023
1118237	Soil	1.4	17.3	16.4	44	<0.1	12.5	7.7	304	3.06	8.2	0.6	1.0	1.5	12	0.1	0.7	0.2	62	0.13	0.043
REP 1118237	QC	1.4	16.1	16.2	41	<0.1	11.2	7.4	288	2.86	7.9	0.6	4.0	1.4	12	0.1	0.7	0.2	58	0.12	0.041
1118089	Soil	1.0	31.3	10.6	72	0.1	27.2	11.9	255	3.05	9.3	0.7	<0.5	2.9	18	0.1	0.6	0.2	67	0.24	0.096
REP 1118089	QC	1.1	32.7	10.5	74	0.1	28.4	12.2	255	3.07	9.5	0.7	3.6	3.1	18	0.1	0.6	0.2	67	0.26	0.100
1119874	Soil	0.5	32.5	6.1	59	<0.1	23.7	14.5	441	3.42	6.2	0.7	4.9	5.4	13	<0.1	0.4	0.1	79	0.17	0.031
REP 1119874	QC	0.5	32.4	6.1	59	<0.1	23.0	15.0	438	3.50	6.1	0.6	0.8	5.3	13	<0.1	0.4	0.1	78	0.16	0.030
1118164	Soil	0.8	15.9	8.5	51	<0.1	14.8	9.4	399	2.55	6.4	0.6	2.0	2.8	16	<0.1	0.5	0.1	54	0.22	0.064
REP 1118164	QC	0.7	15.8	8.5	53	<0.1	14.9	9.5	404	2.54	6.6	0.6	1.4	2.9	16	<0.1	0.5	0.1	56	0.22	0.065
1118180	Soil	0.9	36.4	9.2	59	<0.1	20.2	15.2	491	3.39	6.2	0.6	0.9	3.7	28	0.1	0.5	0.2	75	0.38	0.035
REP 1118180	QC	0.8	35.8	9.1	59	<0.1	20.4	14.9	476	3.44	6.3	0.6	1.1	3.7	28	0.1	0.5	0.1	75	0.37	0.036
1118358	Soil	0.6	14.4	11.5	44	<0.1	14.0	6.1	168	2.35	7.8	0.4	0.8	1.5	17	0.1	0.5	0.2	57	0.16	0.028
REP 1118358	QC	0.7	13.8	10.6	42	<0.1	13.5	6.1	170	2.29	7.2	0.4	1.1	1.5	16	<0.1	0.5	0.2	56	0.16	0.028
1118176	Soil	1.2	14.1	18.1	53	0.2	16.3	12.4	376	3.10	33.7	0.7	12.0	1.9	18	0.1	1.5	0.2	59	0.26	0.042
REP 1118176	QC	1.3	13.0	17.0	52	0.1	14.8	11.5	354	2.91	31.0	0.6	6.7	1.8	17	0.1	1.4	0.2	57	0.24	0.041
1118353	Soil	0.9	30.7	13.0	85	<0.1	20.8	14.6	478	3.18	6.8	0.6	2.5	3.5	26	0.3	0.7	0.1	67	0.30	0.039
REP 1118353	QC	0.8	30.1	12.9	86	<0.1	20.7	14.9	486	3.23	6.8	0.6	1.9	3.6	25	0.2	0.7	0.1	70	0.31	0.039
Reference Materials																					
STD DS8	Standard	12.8	107.8	128.9	315	1.8	37.0	7.8	620	2.50	26.1	2.7	101.0	7.2	64	2.4	5.3	6.6	43	0.73	0.083
STD DS8	Standard	11.7	100.6	112.1	283	1.7	33.0	6.9	553	2.27	24.4	2.6	102.5	6.4	62	2.1	5.3	6.2	37	0.60	0.078
STD DS8	Standard	13.5	108.6	122.8	311	1.8	36.8	7.5	617	2.43	26.4	3.0	107.2	7.2	70	2.2	5.7	6.9	42	0.71	0.087
STD DS8	Standard	12.0	107.7	117.4	294	1.7	37.3	7.4	578	2.29	25.3	2.5	99.8	6.2	61	2.4	5.3	6.1	39	0.64	0.075
STD DS8	Standard	13.1	110.8	124.0	316	1.7	41.6	8.3	582	2.41	27.9	2.5	106.9	6.3	56	2.1	5.4	6.2	48	0.65	0.079
STD DS8	Standard	14.1	116.2	140.1	326	1.9	40.7	8.2	646	2.58	27.8	3.0	129.8	7.5	70	2.5	6.4	7.2	46	0.71	0.091
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08

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

Project: CHA
Report Date: August 16, 2011

QUALITY CONTROL REPORT DAW11000114.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1118729	Soil	14	54	1.23	399	0.078	<1	2.29	0.013	0.40	<0.1	<0.01	9.7	0.1	0.07	8	<0.5	<0.2
REP 1118729	QC	13	53	1.20	417	0.074	<1	2.24	0.010	0.40	<0.1	<0.01	9.4	0.1	<0.05	8	<0.5	<0.2
1118706	Soil	19	36	0.82	333	0.096	<1	2.21	0.009	0.10	<0.1	0.01	6.2	0.1	<0.05	6	<0.5	<0.2
REP 1118706	QC	19	38	0.86	343	0.104	<1	2.29	0.010	0.11	<0.1	0.02	6.2	0.1	<0.05	7	<0.5	<0.2
1118237	Soil	12	24	0.38	374	0.024	1	2.01	0.006	0.06	0.2	0.03	3.2	0.2	<0.05	7	0.5	<0.2
REP 1118237	QC	12	22	0.38	366	0.023	<1	2.00	0.006	0.05	0.1	0.02	3.1	0.1	<0.05	7	0.7	<0.2
1118089	Soil	11	34	0.62	185	0.067	2	2.52	0.011	0.09	0.2	0.05	3.4	0.1	<0.05	6	<0.5	<0.2
REP 1118089	QC	12	34	0.64	191	0.068	2	2.56	0.010	0.09	0.1	0.06	3.6	0.2	<0.05	6	<0.5	<0.2
1119874	Soil	17	41	1.01	239	0.106	<1	2.02	0.011	0.17	<0.1	0.02	4.9	0.1	<0.05	7	<0.5	<0.2
REP 1119874	QC	17	42	1.03	242	0.104	<1	2.00	0.011	0.17	<0.1	0.02	4.9	0.1	<0.05	7	<0.5	<0.2
1118164	Soil	12	23	0.55	305	0.061	<1	1.74	0.010	0.13	0.1	0.02	3.2	0.1	<0.05	5	<0.5	<0.2
REP 1118164	QC	13	24	0.55	310	0.062	<1	1.76	0.010	0.13	<0.1	0.03	3.2	0.1	<0.05	5	<0.5	<0.2
1118180	Soil	14	24	0.91	533	0.074	1	1.89	0.007	0.19	0.1	0.02	3.9	0.1	<0.05	6	<0.5	<0.2
REP 1118180	QC	14	24	0.87	522	0.074	1	1.84	0.007	0.19	0.1	0.02	3.9	0.1	<0.05	6	<0.5	<0.2
1118358	Soil	9	23	0.40	301	0.054	<1	1.48	0.005	0.07	0.1	0.03	2.5	<0.1	<0.05	6	<0.5	<0.2
REP 1118358	QC	8	22	0.39	288	0.054	1	1.49	0.005	0.07	0.1	0.02	2.5	<0.1	<0.05	6	<0.5	<0.2
1118176	Soil	10	20	0.46	280	0.025	<1	1.45	0.008	0.11	<0.1	0.04	4.0	0.2	<0.05	5	<0.5	<0.2
REP 1118176	QC	10	19	0.43	263	0.026	<1	1.37	0.007	0.11	0.1	0.03	3.9	0.1	<0.05	5	<0.5	<0.2
1118353	Soil	11	29	0.88	518	0.104	<1	1.89	0.011	0.14	0.1	0.03	4.2	0.1	<0.05	5	0.5	<0.2
REP 1118353	QC	11	29	0.87	508	0.109	<1	1.91	0.012	0.14	0.1	0.02	4.3	0.1	<0.05	5	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	15	117	0.63	275	0.119	3	0.92	0.083	0.42	3.2	0.20	2.2	5.7	0.18	5	5.4	5.4
STD DS8	Standard	13	105	0.55	257	0.102	3	0.81	0.078	0.37	2.7	0.19	1.8	5.1	0.14	4	4.7	4.6
STD DS8	Standard	17	117	0.63	280	0.122	2	0.94	0.089	0.41	3.0	0.21	2.4	5.3	0.15	5	5.4	5.2
STD DS8	Standard	13	108	0.58	255	0.110	3	0.82	0.074	0.39	2.8	0.19	1.9	5.1	0.13	4	4.7	4.2
STD DS8	Standard	13	127	0.60	258	0.111	3	0.85	0.086	0.40	3.0	0.19	2.0	5.2	0.18	5	5.0	4.7
STD DS8	Standard	15	129	0.63	288	0.127	3	0.94	0.090	0.43	3.1	0.20	2.3	5.6	0.14	5	5.2	4.9
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5

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

Project: CHA
Report Date: August 16, 2011

QUALITY CONTROL REPORT DAW11000114.1

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

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QUALITY CONTROL REPORT DAW11000114.1

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

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

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: August 01, 2011
Report Date: August 21, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS DAW11000127.1

CLIENT JOB INFORMATION

Project: CHA
Shipment ID: CHA2011-20
P.O. Number
Number of Samples: 327

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	327	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	327	Dry at 60C			WHI
1DX2	327	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Project: CHA
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000127.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1118250	Soil		1.5	34.0	7.7	96	0.2	22.0	11.4	436	3.13	7.2	0.8	2.7	2.6	17	0.2	0.6	0.1	84	0.32	0.041
1118248	Soil		1.1	24.2	9.1	93	0.1	19.4	10.2	396	3.00	8.4	0.6	3.5	2.3	18	0.1	0.5	0.2	65	0.29	0.041
1118247	Soil		1.1	19.5	8.6	88	<0.1	15.8	10.7	385	3.17	9.8	0.4	1.7	2.0	12	0.2	0.6	0.2	65	0.15	0.036
1118245	Soil		0.9	47.0	8.7	155	<0.1	5.5	7.1	575	2.80	4.6	0.3	0.8	0.6	21	0.2	0.6	0.2	61	0.18	0.033
1118036	Soil		0.8	19.8	8.4	71	0.1	17.0	9.3	228	2.78	6.7	0.6	2.8	1.8	19	0.1	0.5	0.2	72	0.27	0.050
1118249	Soil		1.1	29.0	7.8	89	<0.1	20.3	12.0	481	3.04	7.0	0.6	1.1	2.7	18	0.2	0.5	0.1	70	0.27	0.043
1118584	Soil		1.1	21.8	8.7	81	0.1	17.5	11.7	369	2.89	6.5	0.7	1.2	2.2	17	<0.1	0.5	0.2	71	0.25	0.046
1118385	Soil		1.1	36.0	7.8	95	0.2	20.8	11.1	396	3.09	6.3	0.8	3.4	2.7	20	0.3	0.5	0.1	70	0.34	0.039
1118042	Soil		0.8	18.8	9.3	73	0.1	16.4	10.7	287	3.01	6.2	0.6	2.0	1.7	16	<0.1	0.4	0.2	72	0.22	0.048
1118585	Soil		1.0	27.8	8.9	86	0.1	17.2	11.9	334	3.20	5.7	0.7	3.3	2.9	19	0.1	0.5	0.2	78	0.32	0.038
1118185	Soil		0.6	20.1	6.6	67	0.2	11.7	12.6	408	3.09	4.0	0.6	2.5	2.1	19	<0.1	0.3	<0.1	82	0.37	0.045
1119932	Soil		0.9	30.0	8.9	86	0.3	19.7	14.4	416	3.09	4.3	0.7	1.1	2.5	23	0.2	0.3	0.1	83	0.38	0.036
1118184	Soil		0.5	16.8	5.9	71	0.1	12.7	13.4	428	3.34	3.9	0.6	1.9	2.6	17	<0.1	0.3	<0.1	91	0.27	0.040
1118246	Soil		1.0	25.3	9.3	80	0.1	21.8	14.7	472	3.19	9.2	0.5	2.6	3.0	16	0.2	0.6	0.2	67	0.23	0.058
1118244	Soil		1.2	49.7	11.6	104	0.8	22.0	17.1	479	3.49	5.7	1.1	6.4	3.1	23	0.2	0.5	0.2	96	0.40	0.041
1118243	Soil		1.1	70.8	9.6	84	0.4	20.8	16.9	564	3.80	4.1	1.2	2.6	3.5	24	0.1	0.4	0.1	99	0.42	0.044
1127687	Soil		0.4	57.6	12.2	83	<0.1	27.2	17.5	767	3.52	3.3	0.4	<0.5	2.2	24	<0.1	0.3	<0.1	79	0.31	0.094
1118284	Soil		0.7	17.3	7.2	69	0.2	17.4	12.1	314	2.81	3.8	0.6	1.0	1.8	18	0.1	0.3	0.1	73	0.30	0.038
1119684	Soil		1.1	21.5	7.9	73	0.3	18.9	13.5	418	3.24	5.0	0.6	1.5	1.8	19	0.1	0.3	0.1	89	0.33	0.030
1118034	Soil		1.0	35.4	17.4	90	0.2	23.1	11.7	469	3.19	4.5	0.7	1.1	9.4	18	0.1	0.3	0.3	50	0.32	0.050
1118596	Soil		0.8	52.4	31.7	160	0.4	23.7	17.7	738	3.89	3.9	0.5	7.6	2.1	21	0.4	0.3	0.2	102	0.40	0.041
1126150	Soil		0.7	29.9	10.1	66	<0.1	18.9	11.4	466	3.10	4.8	0.3	0.8	1.9	18	<0.1	0.3	0.1	80	0.20	0.062
1119933	Soil		0.7	22.3	7.5	86	<0.1	19.1	14.2	473	3.11	5.3	0.4	2.0	2.3	17	0.2	0.3	0.1	79	0.25	0.027
1127686	Soil		0.8	27.1	10.5	63	<0.1	18.0	10.9	445	3.06	6.1	0.4	<0.5	2.1	16	0.1	0.4	0.1	80	0.17	0.051
1118035	Soil		0.8	33.2	14.7	86	0.2	21.2	11.4	455	3.06	3.4	0.7	1.3	9.0	17	0.1	0.2	0.2	51	0.30	0.046
1119683	Soil		1.0	30.3	10.2	84	0.3	24.5	16.4	573	3.52	3.8	0.8	2.1	3.9	20	0.2	0.3	0.1	93	0.38	0.050
1119685	Soil		0.8	17.7	6.6	72	0.1	20.5	15.7	520	3.21	4.8	0.6	1.8	2.2	25	0.2	0.3	0.1	81	0.44	0.046
1118241	Soil		0.6	20.0	7.4	67	0.1	12.5	11.5	372	3.06	5.6	0.6	1.1	2.1	16	0.1	0.3	0.1	78	0.23	0.041
1118595	Soil		1.0	43.3	9.8	126	0.2	25.8	18.3	685	3.71	5.0	0.4	6.4	3.3	17	0.3	0.3	0.1	97	0.25	0.035
1119930	Soil		1.1	27.5	14.1	81	0.3	21.6	11.4	380	3.09	5.3	1.0	2.8	6.5	20	0.2	0.3	0.3	65	0.37	0.047

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

Project: CHA
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000127.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1118250	Soil	11	29	0.84	302	0.116	1	1.75	0.011	0.23	0.1	0.06	6.8	0.1	0.05	6	0.8	<0.2
1118248	Soil	10	28	0.63	256	0.079	2	2.00	0.009	0.09	0.2	0.06	4.7	0.1	<0.05	6	<0.5	<0.2
1118247	Soil	8	23	0.61	166	0.067	<1	2.07	0.007	0.12	0.2	0.03	3.9	0.1	<0.05	6	<0.5	<0.2
1118245	Soil	6	10	1.10	392	0.120	<1	2.14	0.010	0.49	<0.1	0.02	2.6	0.3	<0.05	6	<0.5	<0.2
1118036	Soil	9	28	0.66	281	0.081	<1	1.87	0.009	0.06	0.2	0.04	3.9	<0.1	<0.05	6	<0.5	<0.2
1118249	Soil	11	28	0.82	259	0.110	<1	1.75	0.010	0.13	0.1	0.02	5.4	0.1	<0.05	6	0.8	<0.2
1118584	Soil	9	29	0.71	266	0.092	1	1.90	0.010	0.07	0.2	0.05	4.4	0.1	<0.05	6	0.7	<0.2
1118385	Soil	12	27	0.82	369	0.129	1	1.82	0.011	0.18	0.1	0.05	7.2	0.1	<0.05	6	0.9	<0.2
1118042	Soil	9	29	0.74	261	0.098	2	2.21	0.009	0.08	0.1	0.04	3.9	0.1	<0.05	7	<0.5	<0.2
1118585	Soil	11	27	0.81	317	0.127	<1	1.99	0.011	0.09	0.2	0.04	6.5	0.1	<0.05	7	<0.5	<0.2
1118185	Soil	8	25	1.08	409	0.139	<1	1.96	0.010	0.26	0.1	0.03	4.9	0.1	<0.05	6	<0.5	<0.2
1119932	Soil	8	46	1.12	432	0.152	<1	2.06	0.011	0.34	0.2	0.04	4.4	0.2	<0.05	6	<0.5	<0.2
1118184	Soil	10	28	1.14	489	0.169	<1	1.98	0.011	0.35	0.2	0.02	5.2	0.2	<0.05	7	<0.5	<0.2
1118246	Soil	9	30	0.76	216	0.098	2	2.23	0.010	0.13	0.2	0.03	5.0	0.1	<0.05	6	0.6	<0.2
1118244	Soil	12	47	1.13	579	0.135	1	2.31	0.011	0.29	0.2	0.05	7.1	0.2	<0.05	7	0.7	<0.2
1118243	Soil	13	53	1.47	565	0.158	<1	2.36	0.015	0.44	0.1	0.04	9.7	0.2	<0.05	7	<0.5	<0.2
1127687	Soil	7	39	1.53	241	0.214	<1	2.52	0.007	0.56	0.1	0.01	2.2	0.3	<0.05	8	<0.5	<0.2
1118284	Soil	8	41	0.95	353	0.115	1	1.83	0.010	0.20	0.2	0.04	4.2	0.2	<0.05	6	<0.5	<0.2
1119684	Soil	7	45	1.03	401	0.137	<1	1.96	0.010	0.20	0.2	0.03	4.0	0.2	<0.05	7	<0.5	<0.2
1118034	Soil	22	34	0.82	381	0.086	<1	1.96	0.008	0.32	0.1	0.02	3.3	0.2	<0.05	7	<0.5	<0.2
1118596	Soil	8	54	1.58	556	0.153	<1	2.37	0.009	0.48	0.2	0.02	4.9	0.4	<0.05	7	0.5	<0.2
1126150	Soil	6	31	1.00	161	0.154	1	2.00	0.008	0.19	0.1	<0.01	2.2	0.2	<0.05	7	<0.5	<0.2
1119933	Soil	7	44	1.11	298	0.150	<1	1.97	0.012	0.30	0.1	0.01	3.7	0.2	<0.05	6	<0.5	<0.2
1127686	Soil	6	31	0.93	155	0.138	<1	2.00	0.008	0.14	0.1	0.01	2.2	0.2	<0.05	7	<0.5	<0.2
1118035	Soil	21	32	0.81	365	0.083	<1	1.86	0.008	0.30	0.1	0.01	3.2	0.2	<0.05	6	<0.5	<0.2
1119683	Soil	14	52	1.27	511	0.153	1	2.04	0.010	0.37	0.2	0.01	4.3	0.3	<0.05	7	<0.5	<0.2
1119685	Soil	8	46	1.04	475	0.121	1	1.87	0.011	0.23	0.2	0.02	5.2	0.2	<0.05	6	<0.5	<0.2
1118241	Soil	8	27	0.92	486	0.129	1	1.98	0.008	0.20	0.1	0.02	4.9	0.1	<0.05	6	<0.5	<0.2
1118595	Soil	10	57	1.47	432	0.146	<1	2.36	0.011	0.46	0.2	<0.01	4.4	0.4	<0.05	7	<0.5	<0.2
1119930	Soil	19	37	0.80	363	0.103	1	2.02	0.009	0.22	0.1	0.04	3.5	0.2	<0.05	6	<0.5	<0.2

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Project: CHA
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000127.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1119934	Soil	0.7	33.4	10.8	103	<0.1	23.9	14.0	529	3.60	5.0	0.6	<0.5	4.9	16	0.2	0.4	0.2	90	0.25	0.034
1118043	Soil	0.7	18.3	8.0	77	0.1	16.0	10.4	296	2.89	5.9	0.6	1.5	2.2	18	<0.1	0.4	0.1	72	0.26	0.042
1117833	Soil	0.6	15.5	5.5	69	<0.1	12.9	12.1	374	3.01	4.8	0.5	2.0	2.1	18	<0.1	0.3	<0.1	78	0.30	0.048
1115197	Soil	1.0	19.8	14.2	62	0.2	15.9	7.6	303	2.32	6.8	0.9	1.7	2.2	32	0.2	0.4	0.2	58	0.25	0.040
1127795	Soil	0.6	25.1	19.4	62	<0.1	15.3	8.8	255	2.56	6.0	0.5	4.5	2.4	45	0.1	0.3	0.2	74	0.35	0.032
1115186	Soil	0.7	33.7	8.6	45	0.1	14.9	8.1	274	2.31	6.0	1.2	1.5	1.1	39	0.2	0.3	0.2	59	0.34	0.041
1118283	Soil	0.9	17.0	8.0	73	0.2	18.8	15.1	499	3.22	4.3	0.9	1.1	2.0	30	0.1	0.4	0.1	78	0.51	0.052
1118242	Soil	0.7	30.8	14.2	95	0.2	18.8	13.8	498	3.26	5.4	0.7	3.3	3.0	24	0.2	0.4	0.2	74	0.32	0.046
1115188	Soil	0.8	26.8	11.8	58	0.2	20.1	9.5	249	2.75	7.0	1.0	2.8	2.3	32	<0.1	0.4	0.2	64	0.25	0.039
1115190	Soil	1.1	25.7	12.9	68	<0.1	21.2	11.4	421	3.18	8.2	1.0	1.9	3.8	40	0.1	0.5	0.2	73	0.32	0.038
1127843	Soil	0.8	24.0	39.7	77	0.3	13.7	7.8	326	2.31	27.5	0.9	3.5	3.9	63	0.4	0.5	0.3	56	0.44	0.033
1127837	Soil	1.8	27.0	22.8	82	<0.1	17.4	11.6	503	3.45	3.3	1.0	1.3	3.8	174	0.1	0.2	0.4	82	0.47	0.062
1127845	Soil	0.7	25.0	38.5	77	0.2	15.5	8.3	318	2.39	19.2	1.0	6.5	3.6	54	0.1	0.5	0.2	58	0.42	0.033
1115192	Soil	1.0	23.8	13.2	63	<0.1	20.5	8.9	304	2.66	7.5	0.9	1.1	3.3	40	0.1	0.4	0.2	64	0.31	0.037
1127839	Soil	0.7	17.0	16.4	57	<0.1	15.2	9.2	365	2.75	5.5	0.6	2.3	3.6	58	0.2	0.3	0.2	73	0.29	0.021
1119935	Soil	1.0	15.7	13.7	53	<0.1	11.3	5.5	237	3.00	7.5	0.7	0.6	6.8	13	0.1	0.4	0.3	63	0.14	0.026
1115189	Soil	0.6	20.6	9.8	58	<0.1	13.8	8.1	337	2.42	5.3	1.0	2.0	3.5	61	<0.1	0.4	0.2	59	0.38	0.036
1115191	Soil	0.8	25.1	10.9	63	<0.1	19.1	9.2	364	2.63	6.2	1.0	2.4	3.8	44	0.1	0.5	0.2	67	0.34	0.037
1127840	Soil	0.6	43.5	17.2	63	0.1	10.7	9.7	413	2.81	4.0	0.5	2.8	3.6	126	<0.1	0.3	0.2	62	0.44	0.023
1127838	Soil	0.3	13.8	20.7	59	<0.1	7.1	7.3	401	2.63	2.4	0.6	1.1	3.5	96	0.2	0.3	0.8	58	0.51	0.021
1127842	Soil	0.6	22.2	13.2	57	<0.1	16.7	8.9	328	2.56	6.2	0.6	4.3	3.9	62	<0.1	0.4	0.2	61	0.42	0.035
1127844	Soil	0.8	38.2	33.6	84	0.4	15.4	9.2	378	2.66	19.0	1.1	9.5	4.0	60	0.2	0.5	0.2	60	0.51	0.031
1127841	Soil	0.6	40.8	17.3	63	0.2	13.0	7.4	274	2.36	5.6	0.9	4.5	4.2	77	0.2	0.3	0.2	56	0.42	0.027
1127836	Soil	1.6	25.4	21.4	79	<0.1	17.4	10.9	474	3.30	3.8	0.9	1.1	3.6	157	0.1	0.3	0.3	79	0.46	0.053
1115195	Soil	1.0	17.7	16.5	66	<0.1	16.8	9.6	401	2.75	7.6	0.7	1.7	3.7	35	0.1	0.4	0.3	67	0.23	0.028
1115198	Soil	0.9	19.7	14.7	61	<0.1	19.5	9.3	314	2.63	7.9	0.9	2.1	4.1	38	<0.1	0.5	0.2	64	0.27	0.024
1115193	Soil	1.0	20.4	14.5	77	0.1	16.8	10.3	420	2.95	7.1	0.8	1.8	2.7	46	0.2	0.6	0.3	76	0.26	0.032
1127796	Soil	0.6	23.5	19.3	57	0.2	14.5	7.9	225	2.50	6.5	0.8	3.7	2.5	44	0.2	0.4	0.2	61	0.29	0.029
1115194	Soil	0.8	19.3	11.5	62	<0.1	17.1	8.4	308	2.51	6.6	0.9	3.1	3.1	35	0.2	0.4	0.2	63	0.25	0.035
1115200	Soil	0.8	22.6	24.9	93	0.1	16.8	8.4	372	2.57	6.2	1.4	1.2	4.6	64	<0.1	0.4	0.3	65	0.47	0.025

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1119934	Soil	11	49	1.28	521	0.102	<1	2.11	0.009	0.33	0.2	<0.01	6.4	0.3	<0.05	7	<0.5	<0.2
1118043	Soil	9	29	0.82	259	0.105	1	1.97	0.009	0.10	0.2	0.03	4.2	0.1	<0.05	6	<0.5	<0.2
1117833	Soil	8	26	1.04	469	0.143	<1	1.94	0.011	0.28	0.1	0.02	4.3	0.2	<0.05	6	<0.5	<0.2
1115197	Soil	10	27	0.52	184	0.078	1	1.84	0.014	0.07	0.1	0.02	3.3	<0.1	<0.05	6	<0.5	<0.2
1127795	Soil	9	28	0.75	229	0.114	<1	1.97	0.019	0.12	0.1	0.02	4.5	0.1	<0.05	6	<0.5	<0.2
1115186	Soil	9	23	0.58	189	0.077	1	1.78	0.020	0.13	0.1	0.01	4.2	0.2	<0.05	6	<0.5	<0.2
1118283	Soil	8	45	1.03	531	0.114	2	2.01	0.013	0.20	0.2	0.06	4.6	0.2	0.06	6	<0.5	<0.2
1118242	Soil	11	37	0.97	438	0.117	1	1.92	0.012	0.24	0.2	0.03	4.5	0.2	<0.05	6	<0.5	<0.2
1115188	Soil	11	30	0.66	238	0.086	2	2.17	0.018	0.10	0.1	0.03	4.3	0.1	<0.05	7	<0.5	<0.2
1115190	Soil	11	34	0.81	256	0.114	1	2.34	0.021	0.14	0.2	0.03	5.3	0.2	<0.05	7	<0.5	<0.2
1127843	Soil	11	28	0.64	207	0.086	1	1.79	0.025	0.08	0.1	0.03	4.6	0.1	<0.05	6	<0.5	<0.2
1127837	Soil	9	51	2.06	348	0.220	1	3.63	0.030	0.63	<0.1	0.01	8.7	0.3	<0.05	11	<0.5	<0.2
1127845	Soil	11	28	0.65	244	0.089	2	1.92	0.022	0.09	0.1	0.04	4.9	<0.1	<0.05	6	<0.5	<0.2
1115192	Soil	11	32	0.69	232	0.098	1	2.06	0.018	0.10	0.1	0.02	4.2	0.1	<0.05	6	<0.5	<0.2
1127839	Soil	10	28	0.76	166	0.105	<1	2.01	0.020	0.09	0.1	0.01	4.7	0.1	<0.05	7	<0.5	<0.2
1119935	Soil	17	25	0.41	176	0.077	<1	1.46	0.007	0.13	0.2	0.04	2.1	0.2	<0.05	7	<0.5	<0.2
1115189	Soil	11	25	0.73	213	0.110	1	1.78	0.028	0.18	0.1	0.02	5.0	0.2	<0.05	6	<0.5	<0.2
1115191	Soil	13	32	0.74	227	0.122	<1	1.84	0.024	0.14	0.1	0.01	4.8	0.2	<0.05	6	<0.5	<0.2
1127840	Soil	8	20	0.91	245	0.068	<1	2.76	0.023	0.22	<0.1	0.02	6.1	0.2	<0.05	8	<0.5	<0.2
1127838	Soil	9	18	0.99	200	0.051	<1	2.73	0.035	0.18	<0.1	<0.01	5.3	0.2	<0.05	9	<0.5	<0.2
1127842	Soil	10	30	0.67	214	0.091	<1	1.92	0.022	0.10	0.1	0.02	4.2	0.1	<0.05	6	<0.5	<0.2
1127844	Soil	12	31	0.67	238	0.085	1	2.32	0.022	0.10	0.1	0.05	5.6	<0.1	<0.05	7	<0.5	<0.2
1127841	Soil	11	24	0.62	162	0.076	<1	1.93	0.025	0.09	0.1	0.02	4.4	0.1	<0.05	6	<0.5	<0.2
1127836	Soil	9	48	1.93	328	0.210	<1	3.44	0.031	0.54	<0.1	<0.01	8.1	0.3	<0.05	11	<0.5	<0.2
1115195	Soil	9	27	0.67	195	0.100	<1	2.10	0.017	0.12	0.1	0.02	3.7	0.1	<0.05	8	<0.5	<0.2
1115198	Soil	12	32	0.64	240	0.090	1	2.07	0.018	0.07	0.1	0.01	4.3	<0.1	<0.05	6	<0.5	<0.2
1115193	Soil	9	29	0.73	208	0.117	1	2.37	0.019	0.14	0.1	0.02	4.1	0.1	<0.05	8	<0.5	<0.2
1127796	Soil	9	26	0.62	237	0.098	1	2.06	0.018	0.09	0.1	0.03	4.0	<0.1	<0.05	6	<0.5	<0.2
1115194	Soil	11	29	0.65	188	0.096	1	1.98	0.016	0.09	<0.1	0.03	3.8	0.1	<0.05	6	<0.5	<0.2
1115200	Soil	15	31	0.72	221	0.103	<1	2.05	0.022	0.13	0.1	0.02	4.7	0.1	<0.05	7	<0.5	<0.2

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Project: CHA
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000127.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1127794	Soil		0.5	25.2	13.5	63	<0.1	16.1	9.1	339	2.71	6.0	0.9	3.9	3.7	60	0.1	0.4	0.2	68	0.42	0.042
1115196	Soil		1.1	19.6	20.1	73	0.1	16.1	8.7	427	2.63	7.0	0.9	2.8	3.8	50	0.2	0.4	0.3	64	0.30	0.046
1127848	Soil		0.6	21.6	25.6	68	0.1	13.4	7.2	284	2.21	14.5	0.7	9.0	3.3	48	0.2	0.4	0.2	56	0.38	0.033
1127850	Soil		0.6	20.9	17.7	55	<0.1	26.2	8.5	283	2.38	7.2	0.8	2.9	3.8	64	0.1	0.4	0.2	61	0.44	0.045
1127846	Soil		0.6	25.6	41.9	86	0.2	15.1	7.6	306	2.41	24.0	1.0	3.8	3.6	57	0.3	0.6	0.2	57	0.48	0.034
1127847	Soil		0.7	17.1	30.4	62	0.1	12.5	6.8	246	2.24	18.9	0.4	2.6	2.7	37	0.2	0.6	0.2	57	0.30	0.024
1127849	Soil		0.7	25.7	20.4	62	0.1	27.3	8.1	290	2.34	12.6	1.0	4.5	3.4	46	0.2	0.5	0.2	54	0.38	0.043
1127793	Soil		0.7	16.5	15.6	47	<0.1	13.4	7.5	247	2.39	7.3	0.7	1.4	2.7	43	0.2	0.3	0.2	62	0.27	0.024
1115187	Soil		0.8	22.0	9.6	58	<0.1	19.1	9.6	298	2.78	6.8	0.7	1.8	3.6	37	0.1	0.5	0.2	66	0.30	0.037
1115199	Soil		1.1	13.9	17.3	64	0.2	14.9	6.3	241	2.47	7.4	0.6	1.1	2.8	33	0.2	0.5	0.3	67	0.20	0.030
1119051	Soil		0.4	24.0	7.1	77	<0.1	10.1	16.3	698	4.02	2.8	1.6	<0.5	9.8	21	<0.1	0.9	0.1	69	0.27	0.062
1119068	Soil		0.5	9.3	5.0	30	<0.1	7.1	4.8	177	1.33	2.5	0.2	0.6	1.0	26	<0.1	0.3	<0.1	47	0.28	0.020
1119053	Soil		1.0	11.9	10.8	64	<0.1	14.8	9.5	290	3.56	7.5	0.5	2.0	2.7	14	0.2	0.6	0.2	73	0.13	0.035
1119052	Soil		0.6	33.9	4.6	89	<0.1	70.9	23.4	492	4.65	3.3	0.6	1.3	2.8	56	0.1	0.7	<0.1	73	0.91	0.174
1119067	Soil		0.6	42.0	9.0	75	0.2	23.2	15.4	772	3.27	21.3	1.0	5.9	1.9	85	0.2	1.4	0.1	69	1.46	0.092
1119073	Soil		0.5	19.3	6.6	84	<0.1	18.4	13.6	387	3.31	2.8	0.7	1.8	5.9	30	<0.1	0.5	0.1	73	0.47	0.060
1119074	Soil		0.6	16.9	9.0	79	<0.1	19.5	12.0	335	3.12	4.7	0.9	2.5	5.3	26	<0.1	0.5	0.2	67	0.39	0.053
1119072	Soil		0.8	29.4	8.1	112	<0.1	25.6	15.0	410	4.18	4.9	0.8	0.8	6.9	20	0.3	0.6	0.1	88	0.26	0.049
1119066	Soil		1.4	90.0	11.9	72	0.2	20.8	21.2	584	4.52	20.3	1.9	3.7	5.1	57	0.1	1.7	0.2	71	0.90	0.103
1119058	Soil		0.8	17.4	12.7	53	<0.1	14.9	12.0	440	3.45	5.2	0.6	1.7	2.8	16	0.1	0.7	0.1	68	0.16	0.031
1119062	Soil		1.9	79.6	13.0	74	0.2	39.9	27.7	570	4.33	63.2	1.1	4.3	2.9	276	0.2	2.3	0.2	61	4.46	0.147
1119059	Soil		1.1	86.0	5.4	90	<0.1	28.8	25.1	676	5.27	4.9	0.5	1.4	5.3	22	<0.1	0.8	<0.1	104	0.28	0.036
1119055	Soil		0.9	33.2	10.5	82	<0.1	16.9	14.0	402	3.88	5.5	0.4	2.0	2.1	24	0.1	0.5	0.1	101	0.25	0.043
1119060	Soil		1.1	33.1	7.2	47	<0.1	17.5	15.1	296	3.57	4.3	0.2	1.7	1.4	13	<0.1	0.3	<0.1	99	0.25	0.054
1119069	Soil		0.7	31.2	8.0	59	<0.1	16.8	12.1	294	2.79	6.7	0.6	1.6	2.4	62	0.1	0.5	0.1	77	0.86	0.037
1119056	Soil		0.7	29.6	7.5	84	<0.1	14.3	15.0	396	4.27	4.3	0.7	1.5	2.5	19	<0.1	0.7	0.1	102	0.21	0.056
1119064	Soil		3.4	53.8	28.3	89	0.2	42.0	23.3	355	3.78	55.0	1.0	2.9	4.2	23	0.3	2.0	0.2	84	0.28	0.038
1119070	Soil		0.8	44.4	6.7	72	<0.1	22.9	15.8	328	3.54	4.4	0.7	<0.5	5.7	19	<0.1	0.5	<0.1	88	0.31	0.063
1119063	Soil		2.0	38.4	15.7	58	0.1	23.6	17.0	412	3.59	381.0	1.2	4.9	2.6	65	0.1	9.1	0.1	76	0.90	0.034
1119071	Soil		0.6	38.5	6.3	81	<0.1	25.3	15.2	360	3.74	3.1	1.0	1.2	6.9	40	<0.1	0.4	<0.1	79	0.57	0.054

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Project: CHA
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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1127794	Soil		11	27	0.90	288	0.132	1	1.97	0.028	0.22	0.2	0.01	5.5	0.2	<0.05	6	<0.5	<0.2
1115196	Soil		11	26	0.68	189	0.098	<1	2.19	0.018	0.15	0.1	0.02	3.5	0.1	<0.05	7	<0.5	<0.2
1127848	Soil		10	24	0.60	180	0.096	1	1.67	0.026	0.08	0.1	<0.01	4.1	<0.1	<0.05	5	<0.5	<0.2
1127850	Soil		10	43	0.92	250	0.119	<1	1.93	0.028	0.19	<0.1	0.02	5.4	0.1	<0.05	6	<0.5	<0.2
1127846	Soil		11	27	0.67	255	0.089	<1	1.95	0.026	0.08	0.1	0.03	5.0	0.1	<0.05	6	<0.5	<0.2
1127847	Soil		8	22	0.61	171	0.086	1	1.78	0.017	0.06	0.1	0.02	3.4	<0.1	<0.05	6	<0.5	<0.2
1127849	Soil		11	46	0.68	247	0.102	<1	1.96	0.026	0.11	0.1	0.03	4.1	0.1	<0.05	6	<0.5	<0.2
1127793	Soil		8	24	0.62	186	0.105	1	1.96	0.024	0.09	0.2	0.02	3.8	0.1	<0.05	7	<0.5	<0.2
1115187	Soil		10	28	0.78	238	0.114	1	2.30	0.021	0.16	0.1	0.02	5.2	0.2	<0.05	7	<0.5	<0.2
1115199	Soil		10	24	0.55	148	0.087	<1	1.94	0.013	0.08	0.1	0.02	3.1	<0.1	<0.05	8	<0.5	<0.2
1119051	Soil		25	15	0.98	519	0.054	<1	2.28	0.008	0.29	0.1	0.02	6.0	0.1	<0.05	7	<0.5	<0.2
1119068	Soil		4	59	0.54	72	0.062	<1	0.79	0.014	0.04	<0.1	0.02	2.5	<0.1	<0.05	5	<0.5	<0.2
1119053	Soil		9	22	0.57	235	0.068	3	1.94	0.008	0.14	0.1	0.02	2.9	<0.1	<0.05	7	<0.5	<0.2
1119052	Soil		19	56	1.74	420	0.055	1	2.64	0.032	0.07	<0.1	0.02	6.5	0.1	<0.05	7	<0.5	<0.2
1119067	Soil		13	24	0.66	249	0.030	2	1.58	0.015	0.05	0.1	0.13	6.2	<0.1	<0.05	5	0.9	<0.2
1119073	Soil		15	29	0.98	326	0.160	<1	2.00	0.013	0.44	0.1	0.02	3.5	0.2	<0.05	7	<0.5	<0.2
1119074	Soil		15	33	0.77	243	0.136	1	1.86	0.013	0.18	0.2	0.04	3.1	0.2	<0.05	7	<0.5	<0.2
1119072	Soil		17	42	1.08	291	0.193	<1	2.44	0.013	0.37	<0.1	0.02	3.7	0.2	<0.05	8	<0.5	<0.2
1119066	Soil		24	21	0.44	293	0.014	1	1.79	0.011	0.08	<0.1	0.08	9.5	0.1	<0.05	5	<0.5	<0.2
1119058	Soil		9	23	0.52	320	0.073	<1	1.75	0.012	0.15	<0.1	0.02	3.9	<0.1	<0.05	6	<0.5	<0.2
1119062	Soil		14	28	0.94	260	0.052	2	1.90	0.023	0.07	0.2	0.04	5.1	<0.1	<0.05	6	<0.5	<0.2
1119059	Soil		10	52	1.62	349	0.274	<1	2.84	0.011	0.46	0.1	0.01	3.7	0.2	<0.05	9	<0.5	<0.2
1119055	Soil		7	35	1.06	229	0.189	1	2.22	0.012	0.12	0.1	0.02	3.0	<0.1	<0.05	9	<0.5	<0.2
1119060	Soil		4	29	0.97	158	0.169	<1	2.08	0.019	0.09	<0.1	<0.01	2.9	<0.1	<0.05	7	<0.5	<0.2
1119069	Soil		9	31	0.74	347	0.107	<1	1.81	0.016	0.08	0.1	0.03	3.4	0.1	<0.05	6	<0.5	<0.2
1119056	Soil		10	22	1.11	359	0.122	<1	2.60	0.011	0.33	0.1	0.01	4.4	0.1	<0.05	10	<0.5	<0.2
1119064	Soil		10	36	0.70	165	0.054	1	2.67	0.013	0.05	0.2	0.03	4.6	0.1	<0.05	7	0.5	<0.2
1119070	Soil		11	33	1.00	152	0.190	<1	1.68	0.020	0.25	<0.1	0.02	3.2	0.2	<0.05	8	<0.5	<0.2
1119063	Soil		10	31	0.51	219	0.038	2	1.87	0.016	0.06	0.1	0.07	9.0	<0.1	<0.05	5	<0.5	<0.2
1119071	Soil		13	36	1.02	189	0.208	<1	1.99	0.014	0.34	<0.1	0.02	3.3	0.2	<0.05	8	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1119057	Soil		0.4	60.6	6.8	100	<0.1	11.8	28.2	879	5.82	2.5	0.8	0.9	6.4	32	0.1	0.8	<0.1	117	0.45	0.076
1119061	Soil		0.4	25.4	2.6	56	<0.1	31.1	23.6	441	4.20	2.0	0.5	<0.5	3.2	99	<0.1	0.3	<0.1	113	0.86	0.133
1119065	Soil		1.1	29.5	7.2	30	<0.1	22.0	11.2	319	1.84	7.8	0.4	0.9	1.9	25	<0.1	0.7	<0.1	31	0.30	0.037
1119054	Soil		0.7	21.3	10.8	67	<0.1	15.3	11.2	337	2.93	4.1	1.0	3.3	4.5	28	<0.1	0.6	0.1	66	0.36	0.043
1119075	Soil		0.9	13.8	11.7	39	<0.1	12.2	7.1	154	3.79	7.4	0.9	1.8	1.7	24	0.1	0.3	0.1	47	0.29	0.057
1119081	Soil		1.2	13.4	8.8	44	<0.1	11.5	7.0	211	2.19	3.1	0.4	1.3	1.4	15	0.2	0.4	0.1	65	0.15	0.032
1119079	Soil		0.8	14.9	9.1	64	<0.1	17.6	10.4	281	2.86	6.1	0.7	3.4	4.2	22	<0.1	0.5	0.1	67	0.28	0.043
1119078	Soil		0.6	13.7	8.8	56	<0.1	14.7	8.2	210	2.31	4.7	0.8	4.0	2.2	22	0.1	0.5	0.1	53	0.24	0.045
1119082	Soil		0.8	24.4	8.7	66	0.1	22.6	9.7	276	2.49	5.6	0.7	1.9	3.1	29	<0.1	0.6	0.1	57	0.42	0.067
1119076	Soil		0.7	19.2	7.7	60	<0.1	16.8	10.8	304	2.55	5.0	1.0	2.8	3.0	25	0.2	0.5	0.1	56	0.31	0.055
1119080	Soil		1.0	8.2	7.4	32	<0.1	8.6	4.9	155	2.05	3.7	0.3	0.7	1.6	12	<0.1	0.4	0.2	57	0.11	0.026
1119077	Soil		0.7	13.9	8.9	53	<0.1	13.9	7.3	189	2.16	3.3	0.8	1.3	2.0	21	<0.1	0.4	0.1	49	0.22	0.046
1119130	Soil		1.8	29.1	6.9	50	<0.1	17.6	12.7	331	2.73	2.7	0.3	2.2	2.1	15	<0.1	0.3	<0.1	69	0.21	0.034
1119131	Soil		1.0	28.5	7.9	51	<0.1	19.9	12.3	342	2.82	3.9	0.5	1.2	3.4	21	<0.1	0.4	<0.1	72	0.27	0.025
1119126	Soil		0.7	23.3	8.4	58	<0.1	21.5	14.0	390	3.25	5.6	0.5	1.0	2.9	18	0.1	0.5	0.1	92	0.22	0.039
1119125	Soil		0.8	47.9	7.1	74	<0.1	27.7	18.3	570	3.94	5.1	0.4	2.0	2.6	20	0.1	0.5	0.1	98	0.28	0.051
1119128	Soil		1.1	51.2	10.3	62	0.2	28.1	14.4	507	3.14	4.7	1.2	4.1	3.5	31	<0.1	0.7	0.1	76	0.50	0.045
1119129	Soil		0.9	39.2	5.9	54	<0.1	20.7	14.7	379	2.98	3.4	0.4	1.3	2.4	22	<0.1	0.4	<0.1	73	0.33	0.040
1119127	Soil		1.0	26.6	8.7	67	<0.1	24.5	17.1	554	3.76	5.5	0.4	2.2	2.2	20	0.2	0.5	0.1	94	0.23	0.041
1119132	Soil		1.1	31.2	7.3	60	<0.1	22.8	15.4	440	3.64	6.0	0.4	2.5	2.4	19	0.1	0.4	0.1	82	0.21	0.031
1119111	Soil		0.9	45.1	9.6	81	<0.1	22.1	16.8	559	3.66	10.1	0.5	2.3	3.4	17	0.1	0.8	0.2	70	0.22	0.043
1119102	Soil		1.3	13.8	13.0	53	0.1	12.9	5.8	207	2.77	8.7	0.4	1.6	3.0	13	0.3	0.6	0.3	71	0.12	0.021
1119103	Soil		1.2	35.0	10.9	80	<0.1	18.7	10.7	403	3.34	9.4	0.5	2.3	2.8	18	0.3	0.7	0.2	64	0.19	0.041
1119107	Soil		2.4	73.0	13.8	75	0.3	17.6	11.6	378	3.57	6.0	1.4	2.7	3.7	24	0.1	0.7	0.4	63	0.42	0.035
1119105	Soil		1.8	30.9	10.0	75	0.2	18.6	13.2	460	3.32	8.3	0.6	4.0	2.9	22	0.1	0.6	0.2	64	0.24	0.046
1119106	Soil		1.9	43.1	14.0	69	0.1	13.5	10.5	447	3.40	7.3	0.6	1.6	1.8	18	0.3	0.6	0.5	58	0.20	0.040
1119108	Soil		1.1	50.7	10.0	78	0.2	22.6	13.1	397	3.13	5.8	1.0	1.9	3.7	32	<0.1	0.6	0.2	67	0.45	0.052
1119104	Soil		1.3	16.6	14.1	60	<0.1	18.8	9.0	351	3.03	7.9	0.5	<0.5	2.0	19	0.2	0.6	0.2	62	0.20	0.027
1119110	Soil		0.9	43.0	9.7	64	0.2	17.3	11.6	319	2.74	4.8	0.8	2.1	3.0	27	<0.1	0.5	0.2	63	0.34	0.044
1119124	Soil		0.6	67.4	6.9	50	<0.1	18.8	14.5	285	3.20	3.0	0.4	0.8	1.5	25	0.1	0.5	<0.1	76	0.21	0.022

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600 - 666 Burrard St.
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Project: CHA
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000127.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1119057	Soil		14	17	1.66	1237	0.203	<1	2.84	0.012	0.89	<0.1	0.01	7.5	0.2	<0.05	8	<0.5	<0.2
1119061	Soil		9	82	2.00	204	0.192	<1	2.43	0.064	0.18	<0.1	0.02	4.7	0.2	<0.05	8	<0.5	<0.2
1119065	Soil		5	20	0.25	87	0.046	<1	1.03	0.006	0.03	<0.1	<0.01	1.6	<0.1	<0.05	3	<0.5	<0.2
1119054	Soil		14	25	0.77	443	0.118	1	2.01	0.013	0.17	0.1	0.05	3.6	0.1	<0.05	6	0.6	<0.2
1119075	Soil		11	20	0.32	197	0.049	1	1.12	0.009	0.05	0.1	0.06	2.1	<0.1	<0.05	4	<0.5	<0.2
1119081	Soil		8	27	0.46	146	0.088	<1	1.32	0.012	0.12	0.1	0.03	2.4	0.1	<0.05	6	<0.5	<0.2
1119079	Soil		13	30	0.65	216	0.127	1	1.81	0.013	0.09	0.2	0.03	2.7	0.1	<0.05	6	<0.5	<0.2
1119078	Soil		13	26	0.51	210	0.081	2	1.56	0.014	0.06	0.2	0.04	2.6	<0.1	<0.05	5	<0.5	<0.2
1119082	Soil		14	30	0.61	275	0.078	2	1.56	0.020	0.07	0.2	0.04	3.2	<0.1	<0.05	5	<0.5	<0.2
1119076	Soil		14	28	0.56	256	0.083	1	1.56	0.013	0.07	0.2	0.04	2.9	<0.1	<0.05	5	<0.5	<0.2
1119080	Soil		8	21	0.29	108	0.067	1	1.15	0.010	0.05	<0.1	0.02	1.6	<0.1	<0.05	6	<0.5	<0.2
1119077	Soil		12	25	0.47	203	0.085	1	1.49	0.014	0.06	0.2	0.05	2.5	<0.1	<0.05	5	<0.5	<0.2
1119130	Soil		6	39	0.96	235	0.155	<1	1.77	0.012	0.29	0.1	0.01	1.9	0.1	<0.05	5	<0.5	<0.2
1119131	Soil		11	40	0.88	262	0.143	<1	1.75	0.013	0.16	0.2	0.01	2.8	<0.1	<0.05	5	<0.5	<0.2
1119126	Soil		8	47	0.97	222	0.165	<1	2.02	0.011	0.21	0.4	0.02	2.9	0.1	<0.05	6	<0.5	<0.2
1119125	Soil		6	61	1.54	203	0.200	<1	2.41	0.012	0.27	0.4	0.01	3.2	0.1	<0.05	7	<0.5	<0.2
1119128	Soil		12	51	1.02	419	0.144	1	2.11	0.019	0.12	0.2	0.05	5.2	0.1	<0.05	6	<0.5	<0.2
1119129	Soil		7	44	1.09	236	0.168	<1	1.83	0.012	0.25	0.2	<0.01	2.4	0.1	<0.05	5	<0.5	<0.2
1119127	Soil		6	52	1.24	180	0.178	<1	2.10	0.010	0.20	0.4	<0.01	2.7	0.1	<0.05	7	<0.5	<0.2
1119132	Soil		6	45	1.22	239	0.164	1	2.38	0.010	0.26	0.2	<0.01	3.0	0.1	<0.05	6	<0.5	<0.2
1119111	Soil		8	36	0.83	217	0.077	1	2.33	0.011	0.13	0.2	0.02	4.5	0.1	<0.05	6	<0.5	<0.2
1119102	Soil		9	24	0.32	235	0.034	<1	1.78	0.009	0.04	0.1	0.02	2.1	0.1	<0.05	6	<0.5	<0.2
1119103	Soil		9	26	0.67	234	0.087	1	2.08	0.009	0.12	0.2	0.01	3.2	0.1	<0.05	6	<0.5	<0.2
1119107	Soil		13	28	0.70	650	0.063	1	2.16	0.011	0.24	0.1	0.06	6.6	0.1	<0.05	6	0.7	<0.2
1119105	Soil		9	26	0.63	306	0.076	2	1.99	0.011	0.09	0.2	0.02	3.5	0.1	<0.05	6	<0.5	<0.2
1119106	Soil		9	22	0.53	311	0.045	<1	2.00	0.009	0.15	0.1	0.01	3.3	0.1	<0.05	6	<0.5	<0.2
1119108	Soil		13	32	0.92	552	0.132	<1	2.04	0.015	0.15	0.1	0.04	4.6	0.1	<0.05	6	<0.5	<0.2
1119104	Soil		8	26	0.50	306	0.045	<1	1.78	0.009	0.10	0.1	0.01	2.7	<0.1	<0.05	6	<0.5	<0.2
1119110	Soil		11	30	0.85	414	0.114	<1	1.90	0.013	0.10	0.2	0.04	4.0	0.1	<0.05	5	<0.5	<0.2
1119124	Soil		3	58	1.11	138	0.071	<1	2.74	0.009	0.08	0.1	0.02	4.4	<0.1	<0.05	7	<0.5	<0.2

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Project: CHA
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000127.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1119109	Soil	0.8	40.7	8.1	72	0.2	17.1	13.1	324	2.84	4.1	0.8	1.3	2.5	25	0.1	0.4	0.1	64	0.35	0.048
1119101	Soil	2.3	40.2	8.0	97	<0.1	9.6	12.8	635	4.68	13.0	0.3	0.5	1.4	13	0.1	0.5	0.1	108	0.17	0.044
1119121	Soil	0.8	20.3	7.4	53	<0.1	17.8	12.3	357	2.97	5.8	0.3	<0.5	2.3	17	0.1	0.5	0.1	78	0.16	0.026
1119112	Soil	0.9	43.9	9.3	76	<0.1	21.6	15.7	543	3.64	8.1	0.5	1.4	3.3	18	0.1	0.7	0.2	75	0.25	0.038
1119119	Soil	0.8	19.3	13.9	68	<0.1	23.4	9.7	248	3.04	8.7	0.6	1.4	3.6	25	0.1	0.6	0.2	66	0.23	0.022
1119118	Soil	0.6	75.1	6.9	68	<0.1	23.1	15.9	540	3.81	4.8	0.6	1.6	3.1	30	<0.1	0.6	0.1	87	0.38	0.042
1119115	Soil	0.8	40.9	6.7	57	<0.1	20.7	15.0	422	3.26	4.7	0.7	1.8	2.7	27	<0.1	0.5	0.1	80	0.38	0.030
1119114	Soil	1.0	46.4	8.8	63	<0.1	19.7	13.3	375	3.50	5.7	0.8	2.5	3.1	25	<0.1	0.5	0.2	80	0.29	0.025
1119113	Soil	1.0	28.0	8.6	50	0.1	13.9	9.2	296	2.87	5.4	0.5	1.1	1.8	17	0.2	0.4	0.2	74	0.18	0.030
1119123	Soil	0.7	26.1	10.1	48	<0.1	18.7	8.6	245	2.69	6.9	0.7	2.2	1.5	21	0.1	0.4	0.2	65	0.24	0.044
1119117	Soil	0.8	25.9	8.2	56	0.2	20.1	10.4	240	2.74	4.6	0.6	5.0	2.5	28	<0.1	0.4	0.2	63	0.38	0.031
1119116	Soil	0.6	30.1	7.6	59	<0.1	20.4	15.3	350	3.34	4.3	0.6	2.2	2.5	28	<0.1	0.5	0.1	78	0.38	0.032
1119122	Soil	0.7	26.7	9.7	49	<0.1	19.3	8.6	254	2.68	7.2	0.8	1.1	1.5	23	0.1	0.5	0.2	65	0.25	0.046
1119120	Soil	0.6	38.6	6.3	54	<0.1	21.5	12.5	395	2.95	4.9	0.6	<0.5	3.8	23	<0.1	0.4	0.1	71	0.25	0.026
1118392	Soil	0.8	18.2	6.9	65	<0.1	12.8	12.0	533	3.20	3.2	1.1	2.7	3.9	29	<0.1	0.4	<0.1	69	0.37	0.037
1118393	Soil	0.8	13.5	6.7	63	<0.1	11.8	11.4	420	3.12	4.0	0.6	<0.5	3.5	24	<0.1	0.4	<0.1	67	0.27	0.026
1118389	Soil	0.7	22.1	6.5	57	<0.1	17.2	12.6	417	2.88	3.8	0.5	<0.5	3.3	19	<0.1	0.4	<0.1	66	0.22	0.024
1118394	Soil	2.1	24.9	8.5	69	0.1	17.6	13.4	569	3.39	5.4	1.5	1.6	4.4	37	<0.1	0.6	0.1	71	0.54	0.040
1118390	Soil	0.6	20.9	7.1	68	<0.1	11.5	12.0	521	3.35	3.9	0.8	<0.5	5.1	25	0.1	0.6	<0.1	65	0.25	0.030
1118387	Soil	0.7	27.5	4.4	62	<0.1	20.8	15.7	486	3.25	2.8	0.5	0.8	2.4	27	<0.1	0.4	<0.1	78	0.38	0.044
1118386	Soil	0.5	41.8	6.0	66	<0.1	20.4	20.0	771	3.51	2.1	0.5	<0.5	2.6	23	<0.1	0.5	<0.1	76	0.33	0.036
1118391	Soil	0.8	14.3	5.6	72	<0.1	9.6	15.8	645	3.81	2.3	0.9	<0.5	4.8	27	0.1	0.5	<0.1	76	0.28	0.044
1118398	Soil	0.7	11.5	7.0	51	<0.1	8.4	9.6	412	2.80	2.7	0.6	<0.5	3.7	13	<0.1	0.5	0.1	57	0.12	0.025
1119036	Soil	0.6	12.3	6.8	63	<0.1	10.1	9.3	359	3.05	3.6	0.6	1.6	4.3	23	<0.1	0.3	<0.1	67	0.20	0.025
1119037	Soil	1.5	31.1	19.5	77	<0.1	27.1	10.9	387	3.15	7.6	1.3	1.8	5.8	29	<0.1	0.8	0.2	70	0.34	0.036
1118396	Soil	2.5	18.7	12.8	76	<0.1	10.2	11.6	529	3.53	3.7	1.2	<0.5	7.4	18	0.1	2.2	0.1	64	0.25	0.043
1118400	Soil	0.6	15.9	5.6	68	<0.1	12.2	12.4	565	3.24	3.2	1.0	<0.5	5.6	25	<0.1	0.3	<0.1	69	0.32	0.033
1118397	Soil	2.2	14.9	11.4	65	<0.1	9.9	11.4	454	3.21	3.9	0.7	<0.5	4.9	17	<0.1	1.0	<0.1	65	0.21	0.029
1119041	Soil	0.8	32.5	8.2	73	<0.1	18.4	15.8	551	3.82	6.7	0.9	1.7	4.2	29	<0.1	0.7	0.1	87	0.38	0.040
1118399	Soil	0.7	17.6	7.6	57	<0.1	15.4	9.9	359	2.75	4.6	0.8	<0.5	5.1	19	<0.1	0.6	0.1	60	0.23	0.019

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1119109	Soil		10	29	0.94	370	0.130	<1	2.09	0.014	0.12	0.1	0.03	3.3	0.2	<0.05	6	<0.5	<0.2
1119101	Soil		4	14	1.07	257	0.183	<1	2.27	0.012	0.39	0.1	<0.01	4.6	0.2	<0.05	8	<0.5	<0.2
1119121	Soil		6	42	0.89	180	0.136	<1	1.96	0.010	0.13	0.2	0.02	2.4	0.1	<0.05	6	<0.5	<0.2
1119112	Soil		8	37	0.91	206	0.105	<1	2.34	0.012	0.13	0.2	<0.01	4.2	0.1	<0.05	6	<0.5	<0.2
1119119	Soil		11	35	0.60	305	0.051	<1	2.39	0.010	0.07	0.1	0.02	3.3	<0.1	<0.05	6	<0.5	<0.2
1119118	Soil		9	43	1.30	361	0.162	<1	2.17	0.013	0.26	0.1	<0.01	3.9	0.2	<0.05	6	<0.5	<0.2
1119115	Soil		10	42	1.05	230	0.153	<1	2.02	0.013	0.09	0.2	0.02	4.0	0.1	<0.05	6	<0.5	<0.2
1119114	Soil		12	41	0.94	337	0.122	<1	2.25	0.011	0.09	0.2	0.02	5.2	0.1	<0.05	7	<0.5	<0.2
1119113	Soil		9	28	0.59	247	0.099	<1	1.93	0.012	0.07	0.1	0.02	3.0	0.1	<0.05	7	<0.5	<0.2
1119123	Soil		11	33	0.54	253	0.075	<1	1.76	0.012	0.08	0.2	0.02	2.9	0.1	<0.05	6	<0.5	<0.2
1119117	Soil		9	38	0.81	280	0.111	<1	2.13	0.012	0.07	0.1	0.03	3.6	0.1	<0.05	6	<0.5	<0.2
1119116	Soil		8	48	1.09	266	0.160	<1	2.21	0.014	0.13	0.2	0.02	3.8	0.1	<0.05	7	<0.5	<0.2
1119122	Soil		12	33	0.56	269	0.076	1	1.75	0.012	0.08	0.1	0.02	3.2	0.1	<0.05	6	0.6	<0.2
1119120	Soil		10	46	0.97	301	0.130	<1	1.78	0.012	0.14	0.2	<0.01	3.4	0.1	<0.05	5	<0.5	<0.2
1118392	Soil		13	21	0.86	326	0.139	<1	1.81	0.012	0.26	0.1	0.02	3.4	0.1	<0.05	5	<0.5	<0.2
1118393	Soil		10	21	0.84	242	0.146	<1	1.91	0.009	0.15	0.1	<0.01	2.3	0.1	<0.05	6	<0.5	<0.2
1118389	Soil		9	29	0.88	236	0.148	<1	1.81	0.012	0.21	0.1	0.01	2.1	0.1	<0.05	5	<0.5	<0.2
1118394	Soil		15	27	0.79	456	0.132	<1	2.30	0.012	0.13	0.1	0.04	4.4	0.2	<0.05	6	0.5	<0.2
1118390	Soil		16	18	0.91	460	0.108	<1	1.98	0.008	0.29	0.1	<0.01	3.2	0.2	<0.05	5	<0.5	<0.2
1118387	Soil		7	46	1.29	367	0.193	<1	1.94	0.013	0.44	0.1	0.01	2.8	0.2	<0.05	5	<0.5	<0.2
1118386	Soil		7	46	1.45	287	0.156	<1	2.15	0.010	0.30	0.1	0.01	3.4	0.1	<0.05	6	0.6	<0.2
1118391	Soil		10	19	1.17	314	0.161	<1	2.27	0.009	0.47	0.1	<0.01	2.9	0.2	<0.05	6	<0.5	<0.2
1118398	Soil		9	15	0.62	149	0.098	<1	1.75	0.008	0.23	0.1	<0.01	2.1	0.1	<0.05	6	<0.5	<0.2
1119036	Soil		11	18	0.75	231	0.123	<1	2.02	0.011	0.28	<0.1	<0.01	2.4	0.1	<0.05	6	<0.5	<0.2
1119037	Soil		20	41	0.69	634	0.085	1	1.95	0.013	0.15	0.1	0.04	5.7	<0.1	<0.05	6	<0.5	<0.2
1118396	Soil		17	17	0.70	329	0.117	1	1.65	0.008	0.37	0.1	0.01	2.9	0.2	<0.05	5	<0.5	<0.2
1118400	Soil		14	24	0.89	324	0.130	3	1.72	0.010	0.26	<0.1	0.02	3.4	<0.1	<0.05	6	<0.5	<0.2
1118397	Soil		12	18	0.70	245	0.130	<1	1.77	0.007	0.27	0.1	0.01	2.2	0.2	<0.05	5	<0.5	<0.2
1119041	Soil		13	29	0.96	745	0.129	1	2.21	0.013	0.23	0.1	0.06	6.0	0.1	<0.05	7	<0.5	<0.2
1118399	Soil		14	36	0.67	289	0.089	1	1.82	0.009	0.16	0.1	0.01	3.3	0.1	<0.05	6	<0.5	<0.2

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Project: CHA
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000127.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1119040	Soil		0.7	15.1	7.3	83	<0.1	10.6	17.7	567	4.05	5.3	0.5	<0.5	3.5	26	<0.1	0.5	<0.1	92	0.21	0.034
1119038	Soil		0.8	28.3	10.1	77	<0.1	19.9	11.3	398	3.18	7.1	1.2	2.0	5.7	29	<0.1	0.7	0.2	68	0.33	0.036
1118388	Soil		1.1	42.1	5.7	61	<0.1	18.4	13.6	417	3.04	3.9	0.9	<0.5	3.2	23	<0.1	0.3	<0.1	79	0.36	0.037
1118395	Soil		1.0	13.6	6.2	57	<0.1	10.9	10.1	340	2.57	3.4	0.6	<0.5	3.5	23	<0.1	0.4	<0.1	61	0.27	0.031
1119047	Soil		0.9	26.4	9.8	83	<0.1	21.1	13.0	432	3.43	9.3	0.9	2.0	4.9	31	0.1	0.7	0.2	77	0.29	0.041
1119043	Soil		0.3	51.5	7.3	118	<0.1	16.1	22.6	778	4.53	13.7	0.6	0.5	1.7	50	0.1	1.6	<0.1	129	0.48	0.057
1119048	Soil		0.8	23.4	5.4	102	<0.1	10.2	14.6	432	4.48	4.8	0.3	<0.5	1.4	29	<0.1	0.3	<0.1	123	0.20	0.038
1119049	Soil		0.4	24.0	6.4	97	<0.1	10.8	15.5	474	3.76	3.5	0.5	<0.5	2.5	30	<0.1	0.5	<0.1	83	0.26	0.050
1119535	Soil		0.7	27.3	9.3	78	<0.1	14.4	13.8	417	3.32	5.5	0.8	<0.5	3.2	29	<0.1	0.5	0.1	78	0.39	0.049
1119045	Soil		0.7	35.1	7.9	81	<0.1	25.6	11.4	379	3.89	4.8	0.9	<0.5	10.7	18	<0.1	0.4	0.1	75	0.14	0.021
1119532	Soil		0.6	22.5	8.2	82	<0.1	13.2	12.8	489	3.30	4.6	1.0	0.8	3.0	46	0.1	0.5	0.1	73	0.77	0.050
1119039	Soil		0.5	15.4	6.9	78	<0.1	9.6	16.3	600	4.18	3.0	1.3	<0.5	5.6	23	<0.1	0.6	<0.1	83	0.32	0.043
1119534	Soil		0.9	21.3	21.8	78	0.1	15.7	12.9	395	3.06	5.5	0.7	1.5	2.5	31	0.1	0.5	0.2	73	0.36	0.045
1119046	Soil		0.4	16.8	4.3	104	<0.1	7.2	14.5	964	3.78	2.4	0.4	<0.5	2.3	33	0.1	0.4	<0.1	84	0.33	0.076
1119044	Soil		1.4	55.4	10.3	80	0.2	24.4	16.8	437	3.13	43.6	0.9	2.6	3.2	153	0.1	1.5	0.1	71	2.09	0.075
1119533	Soil		0.6	26.4	16.6	84	0.1	17.9	10.7	279	3.09	5.7	0.9	1.0	3.5	30	<0.1	0.5	0.1	68	0.36	0.039
1119050	Soil		0.4	27.1	9.3	90	<0.1	7.2	12.4	597	3.88	2.5	1.2	<0.5	3.7	35	<0.1	0.8	0.1	67	0.52	0.145
1119042	Soil		1.1	23.9	10.0	56	<0.1	22.8	13.1	290	3.33	8.9	0.7	1.5	3.5	21	<0.1	0.7	0.2	78	0.19	0.021
1127975	Soil		0.9	38.5	19.7	95	<0.1	108.2	17.9	414	3.77	4.5	0.9	<0.5	9.7	17	<0.1	1.0	0.1	79	0.38	0.030
1127976	Soil		0.9	35.0	25.3	102	<0.1	46.6	16.1	354	4.81	5.6	0.9	<0.5	12.9	17	<0.1	0.6	0.2	65	0.23	0.039
1127977	Soil		0.7	33.7	21.0	78	0.1	37.2	14.4	475	3.11	8.8	0.8	3.0	7.9	28	<0.1	0.7	0.2	57	0.70	0.037
1127978	Soil		0.7	32.6	12.7	63	0.1	30.9	12.1	604	2.93	8.9	1.0	4.1	5.7	35	<0.1	0.6	0.2	63	0.69	0.028
1127979	Soil		1.1	35.0	17.2	77	<0.1	57.1	20.4	887	3.93	5.3	1.0	1.9	12.8	32	<0.1	0.5	0.2	58	0.79	0.046
1127980	Soil		0.9	25.7	14.5	65	<0.1	39.3	14.8	550	3.22	7.4	0.9	2.0	7.7	33	0.1	0.5	0.2	62	0.71	0.035
1127981	Soil		1.3	60.3	124.9	183	0.8	68.0	21.3	958	4.05	11.4	1.5	4.6	12.2	55	0.8	2.6	0.2	54	2.48	0.072
1127982	Soil		1.4	58.2	82.5	157	0.8	64.3	20.1	935	3.89	10.4	1.5	4.0	11.4	50	0.7	2.1	0.2	55	1.93	0.074
1127983	Soil		0.7	43.7	28.8	87	0.2	50.5	17.0	694	3.37	6.4	2.0	4.0	15.4	21	0.1	0.9	0.1	41	0.51	0.048
1127984	Soil		0.9	29.5	17.3	62	0.1	33.4	12.1	376	2.97	8.4	1.1	2.1	8.1	30	<0.1	0.8	0.1	56	0.56	0.026
1127958	Soil		1.4	28.1	10.3	15	<0.1	7.1	2.1	50	1.19	2.1	0.7	1.0	0.2	19	0.2	0.2	0.1	23	0.11	0.105
1127959	Soil		1.2	87.6	27.4	83	<0.1	50.9	18.3	656	4.58	6.0	0.6	<0.5	5.4	11	<0.1	0.4	0.2	103	0.14	0.034

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Project: CHA
Report Date: August 21, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1119040	Soil		7	20	1.23	329	0.182	<1	2.72	0.008	0.41	<0.1	0.01	2.7	0.1	<0.05	8	<0.5	<0.2
1119038	Soil		18	31	0.74	588	0.091	2	2.11	0.014	0.17	0.1	0.03	5.3	0.1	<0.05	6	<0.5	<0.2
1118388	Soil		11	37	1.08	343	0.169	1	1.95	0.015	0.35	0.2	0.02	3.2	0.1	<0.05	5	<0.5	<0.2
1118395	Soil		10	19	0.71	206	0.140	<1	1.63	0.009	0.14	0.1	0.01	2.0	0.1	<0.05	5	<0.5	<0.2
1119047	Soil		13	36	0.76	427	0.089	1	2.47	0.014	0.07	0.1	0.05	5.1	<0.1	<0.05	7	<0.5	<0.2
1119043	Soil		8	18	1.29	156	0.040	<1	2.16	0.008	0.04	0.2	0.24	11.5	<0.1	<0.05	9	<0.5	<0.2
1119048	Soil		4	19	1.25	386	0.295	2	2.55	0.012	0.43	<0.1	0.01	2.3	0.1	<0.05	10	<0.5	<0.2
1119049	Soil		10	21	1.12	389	0.157	1	2.38	0.010	0.35	<0.1	0.02	3.1	0.1	<0.05	8	<0.5	<0.2
1119535	Soil		10	25	0.83	432	0.151	1	2.18	0.012	0.21	0.2	0.04	3.1	<0.1	<0.05	6	<0.5	<0.2
1119045	Soil		13	39	0.93	215	0.178	<1	2.26	0.008	0.43	<0.1	0.01	2.8	0.2	<0.05	9	<0.5	<0.2
1119532	Soil		9	23	0.81	749	0.135	<1	2.10	0.014	0.23	0.1	0.04	4.5	0.1	<0.05	7	<0.5	<0.2
1119039	Soil		14	16	1.03	590	0.110	<1	2.37	0.009	0.51	<0.1	<0.01	4.0	0.2	<0.05	8	<0.5	<0.2
1119534	Soil		10	25	0.70	433	0.107	1	2.27	0.013	0.09	0.1	0.03	3.5	<0.1	<0.05	7	<0.5	<0.2
1119046	Soil		5	15	1.05	374	0.184	<1	2.47	0.010	0.48	<0.1	0.01	3.0	0.1	<0.05	8	<0.5	<0.2
1119044	Soil		12	27	0.65	200	0.070	<1	1.80	0.017	0.04	0.1	0.12	4.5	<0.1	<0.05	7	<0.5	<0.2
1119533	Soil		12	28	0.74	446	0.131	<1	2.22	0.013	0.09	0.1	0.04	4.1	0.1	<0.05	7	<0.5	<0.2
1119050	Soil		14	11	0.82	997	0.098	<1	1.70	0.011	0.52	<0.1	0.01	5.1	0.1	<0.05	6	<0.5	<0.2
1119042	Soil		9	34	0.59	258	0.073	<1	2.39	0.011	0.05	0.2	0.04	3.6	<0.1	<0.05	7	<0.5	<0.2
1127975	Soil		23	138	1.71	187	0.068	<1	3.08	0.007	0.21	<0.1	0.01	5.9	0.3	<0.05	9	<0.5	<0.2
1127976	Soil		33	63	1.08	148	0.182	<1	2.80	0.006	0.52	0.2	0.02	3.3	0.5	<0.05	8	<0.5	<0.2
1127977	Soil		26	40	0.79	202	0.084	1	1.84	0.021	0.13	0.1	0.03	3.9	0.2	<0.05	5	<0.5	<0.2
1127978	Soil		21	38	0.59	238	0.085	2	1.90	0.028	0.07	0.1	0.04	5.2	<0.1	<0.05	5	<0.5	<0.2
1127979	Soil		31	118	1.52	197	0.116	2	2.72	0.017	0.22	0.2	0.02	6.4	0.3	<0.05	8	<0.5	<0.2
1127980	Soil		22	74	0.96	215	0.090	1	2.20	0.020	0.11	0.2	0.03	5.3	0.2	<0.05	6	<0.5	<0.2
1127981	Soil		31	68	0.92	150	0.056	<1	2.00	0.009	0.18	0.9	0.03	5.5	0.3	<0.05	6	<0.5	<0.2
1127982	Soil		33	63	0.90	155	0.054	<1	2.03	0.009	0.17	0.8	0.05	5.5	0.3	<0.05	6	<0.5	<0.2
1127983	Soil		47	45	0.77	143	0.041	<1	1.83	0.012	0.14	0.2	0.02	3.9	0.2	<0.05	6	<0.5	<0.2
1127984	Soil		22	39	0.69	198	0.074	<1	1.75	0.018	0.08	0.5	0.02	4.0	<0.1	<0.05	5	<0.5	<0.2
1127958	Soil		6	17	0.07	135	0.006	<1	0.92	0.009	0.04	<0.1	0.04	0.1	<0.1	<0.05	4	<0.5	<0.2
1127959	Soil		16	73	1.56	204	0.092	<1	2.99	0.006	0.26	<0.1	<0.01	5.0	0.1	<0.05	10	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1127954	Soil		1.4	43.1	7.2	45	0.2	16.8	7.1	240	2.51	4.0	1.2	2.0	4.6	38	0.1	0.2	0.2	42	0.28	0.057
1127963	Soil		0.9	43.9	10.9	65	<0.1	40.0	15.3	449	3.50	6.5	0.5	3.3	4.1	11	<0.1	0.4	0.2	85	0.20	0.027
1127973	Soil		0.6	552.9	12.1	6714	0.3	46.1	19.8	678	3.05	5.0	0.8	1.9	3.6	41	6.7	0.3	0.1	63	1.25	0.046
1127974	Soil		0.9	57.4	16.2	78	<0.1	56.4	18.5	789	3.00	12.5	0.5	3.5	3.7	14	0.3	0.8	0.3	57	0.15	0.035
1127960	Soil		1.3	50.5	10.1	59	0.2	25.5	11.2	649	3.37	7.9	1.1	4.0	4.2	20	0.2	0.5	0.2	78	0.19	0.045
1127961	Soil		0.5	68.0	8.5	76	<0.1	48.3	20.1	783	4.48	3.5	0.4	2.1	3.0	22	<0.1	0.2	0.1	118	0.47	0.120
1127962	Soil		0.2	123.8	5.4	81	<0.1	24.5	15.9	1603	3.94	1.8	0.4	2.5	3.2	11	0.1	0.2	<0.1	82	0.40	0.075
1127956	Soil		1.0	46.0	11.6	84	<0.1	20.2	11.9	397	3.77	7.3	1.0	3.2	3.8	25	0.1	0.4	0.2	80	0.25	0.056
1127972	Soil		0.8	40.4	10.0	88	0.2	38.3	15.4	439	3.67	7.5	0.5	1.1	5.1	13	0.3	0.4	0.1	73	0.27	0.039
1127971	Soil		1.1	20.7	9.6	56	<0.1	25.7	12.9	289	3.58	10.4	0.5	1.1	3.7	14	0.2	0.5	0.2	72	0.14	0.028
1127970	Soil		0.3	93.2	1.6	60	<0.1	27.5	20.6	343	4.70	2.2	0.1	0.7	0.3	7	<0.1	0.3	<0.1	163	0.22	0.021
1127969	Soil		0.6	74.5	6.2	84	<0.1	39.1	17.2	868	3.65	5.8	0.9	3.6	3.0	33	0.1	0.4	<0.1	85	0.50	0.056
1127952	Soil		1.7	90.6	6.4	57	0.2	34.5	16.1	485	5.31	6.7	0.6	<0.5	2.9	18	0.2	0.4	0.2	111	0.24	0.068
1127953	Soil		1.8	30.5	13.9	83	0.2	28.8	12.6	669	3.67	4.4	0.5	<0.5	3.6	33	0.3	0.4	0.2	103	0.36	0.047
1127955	Soil		2.2	78.6	25.9	101	0.5	13.7	6.7	295	3.78	7.5	1.0	2.3	6.7	34	0.2	0.3	0.5	45	0.18	0.030
1127951	Soil		2.4	31.4	7.4	47	<0.1	26.3	6.7	201	2.48	3.8	1.2	0.9	0.5	12	0.2	0.2	0.2	126	0.31	0.105
1127968	Soil		0.7	60.7	10.2	74	<0.1	38.1	14.5	550	3.47	5.5	0.8	4.2	1.6	23	0.1	0.3	0.1	83	0.39	0.072
1127967	Soil		0.7	36.7	10.7	69	<0.1	24.3	12.1	526	3.21	4.9	0.6	3.2	3.7	21	<0.1	0.3	0.2	72	0.34	0.057
1127957	Soil		0.8	30.0	9.3	66	<0.1	12.3	10.3	365	3.20	4.7	0.7	1.3	2.9	19	0.1	0.3	0.2	66	0.14	0.041
1127966	Soil		0.7	31.2	10.0	57	<0.1	26.0	10.4	398	2.63	6.1	0.7	1.9	3.4	27	0.1	0.4	0.1	60	0.41	0.063
1127965	Soil		0.8	42.4	10.8	72	<0.1	43.2	14.7	515	3.42	6.4	0.9	2.5	3.8	27	<0.1	0.5	0.1	82	0.49	0.059
1127964	Soil		0.7	25.4	14.6	56	0.1	27.1	10.3	309	3.11	3.7	0.3	<0.5	1.6	11	0.1	0.3	0.2	79	0.14	0.026
1119880	Soil		1.3	27.3	7.4	61	<0.1	20.3	14.4	436	3.56	6.7	0.4	1.1	1.9	19	0.1	0.5	0.1	84	0.32	0.043
1119883	Soil		1.2	23.1	9.8	61	<0.1	15.2	13.5	472	3.82	7.6	0.5	<0.5	2.6	15	0.1	0.7	0.1	87	0.15	0.024
1119893	Soil		6.7	38.2	12.2	56	0.3	20.2	8.2	310	2.71	7.3	1.7	3.8	1.7	42	0.2	0.5	0.2	56	0.63	0.064
1119882	Soil		0.9	27.7	7.2	57	<0.1	16.3	12.6	425	3.22	5.7	0.7	1.2	3.4	17	<0.1	0.5	<0.1	73	0.32	0.025
1119895	Soil		4.5	18.0	8.9	64	<0.1	18.0	13.2	459	3.44	7.3	1.4	1.3	4.4	26	<0.1	0.6	0.1	70	0.38	0.048
1119892	Soil		2.7	22.2	9.5	67	<0.1	19.6	12.1	402	3.16	7.7	1.1	1.3	4.9	20	<0.1	0.5	0.1	65	0.26	0.039
1119894	Soil		3.9	15.8	6.9	66	0.1	14.0	11.0	522	2.82	4.3	1.0	3.2	4.4	28	0.1	0.5	<0.1	61	0.50	0.049
1119877	Soil		1.2	71.7	8.5	42	0.1	13.0	8.1	236	2.57	6.1	0.5	4.7	0.8	15	0.1	0.5	0.2	68	0.16	0.055

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Project: CHA
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000127.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1127954	Soil		18	24	0.64	728	0.062	<1	1.44	0.016	0.15	0.1	0.02	3.0	0.1	0.13	4	0.6	<0.2
1127963	Soil		10	60	1.15	203	0.115	1	2.85	0.008	0.23	0.1	0.02	3.8	0.2	<0.05	8	<0.5	<0.2
1127973	Soil		23	61	0.90	222	0.079	1	2.36	0.013	0.13	<0.1	0.03	4.7	0.1	<0.05	6	<0.5	<0.2
1127974	Soil		9	39	0.77	1681	0.039	1	3.13	0.009	0.10	0.1	0.02	4.7	0.1	<0.05	6	<0.5	<0.2
1127960	Soil		15	38	0.73	376	0.090	2	2.41	0.012	0.09	0.2	0.04	6.1	<0.1	<0.05	7	<0.5	<0.2
1127961	Soil		11	79	1.68	365	0.155	<1	2.73	0.011	0.44	<0.1	0.02	5.3	0.2	<0.05	8	<0.5	<0.2
1127962	Soil		15	24	1.42	249	0.117	<1	2.22	0.005	0.31	0.1	0.01	6.9	0.3	<0.05	8	<0.5	<0.2
1127956	Soil		14	31	0.88	406	0.111	<1	2.30	0.017	0.15	<0.1	0.02	4.2	0.1	<0.05	7	<0.5	<0.2
1127972	Soil		8	53	0.98	192	0.123	1	2.75	0.009	0.18	0.1	0.04	3.1	0.1	<0.05	7	<0.5	<0.2
1127971	Soil		10	39	0.64	181	0.096	2	2.16	0.010	0.09	0.2	0.01	2.7	<0.1	<0.05	6	<0.5	<0.2
1127970	Soil		<1	76	1.41	81	0.329	<1	2.43	0.028	0.10	<0.1	<0.01	4.0	<0.1	<0.05	8	<0.5	<0.2
1127969	Soil		11	52	1.34	451	0.161	1	2.33	0.012	0.25	0.1	0.03	5.7	0.1	<0.05	8	<0.5	<0.2
1127952	Soil		10	78	1.13	985	0.158	1	2.58	0.021	0.28	0.1	0.02	4.7	0.2	0.13	9	3.1	<0.2
1127953	Soil		8	49	0.86	830	0.127	1	1.90	0.014	0.11	0.1	0.02	3.3	<0.1	<0.05	8	<0.5	<0.2
1127955	Soil		18	20	1.12	250	0.100	1	2.41	0.014	0.29	<0.1	0.02	2.5	0.2	0.26	6	1.5	<0.2
1127951	Soil		11	38	0.83	403	0.063	1	1.67	0.012	0.19	<0.1	0.03	2.1	<0.1	<0.05	7	0.7	<0.2
1127968	Soil		12	58	1.08	379	0.134	1	2.26	0.014	0.20	0.1	0.02	3.5	0.1	<0.05	8	<0.5	<0.2
1127967	Soil		10	43	1.10	225	0.138	<1	2.08	0.009	0.17	0.1	0.01	2.3	0.2	<0.05	7	<0.5	<0.2
1127957	Soil		10	24	0.75	174	0.107	1	2.11	0.011	0.15	<0.1	0.02	3.1	<0.1	<0.05	7	0.7	<0.2
1127966	Soil		12	39	0.77	300	0.090	1	1.73	0.017	0.10	0.1	0.03	3.8	<0.1	<0.05	5	<0.5	<0.2
1127965	Soil		13	70	1.17	329	0.147	1	2.17	0.019	0.08	0.2	0.02	4.9	0.1	<0.05	7	<0.5	<0.2
1127964	Soil		5	38	0.68	158	0.115	<1	1.90	0.013	0.06	<0.1	0.01	2.0	<0.1	<0.05	8	<0.5	<0.2
1119880	Soil		8	40	0.97	222	0.138	1	2.13	0.011	0.23	0.1	0.02	2.8	0.1	<0.05	6	<0.5	<0.2
1119883	Soil		8	34	0.81	166	0.109	1	2.11	0.008	0.13	0.2	0.02	3.1	<0.1	<0.05	8	<0.5	<0.2
1119893	Soil		33	28	0.44	434	0.050	2	2.16	0.016	0.12	0.1	0.08	4.0	0.1	0.05	6	<0.5	<0.2
1119882	Soil		12	28	0.88	338	0.113	1	1.96	0.009	0.19	0.2	0.01	3.6	0.1	<0.05	5	<0.5	<0.2
1119895	Soil		14	26	0.78	271	0.110	2	1.95	0.011	0.09	0.1	0.03	3.1	0.1	<0.05	6	<0.5	<0.2
1119892	Soil		17	26	0.64	262	0.070	1	1.98	0.011	0.12	0.1	0.04	3.5	0.1	<0.05	6	<0.5	<0.2
1119894	Soil		14	23	0.73	248	0.110	1	1.82	0.013	0.16	0.2	0.04	3.1	0.2	<0.05	5	<0.5	<0.2
1119877	Soil		8	27	0.59	190	0.090	1	1.48	0.012	0.08	0.1	0.01	2.7	<0.1	<0.05	6	<0.5	<0.2

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Project: CHA
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000127.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1119896	Soil		4.7	17.7	9.2	65	0.1	17.3	14.2	916	3.27	6.8	1.2	5.1	4.6	24	0.1	0.5	0.1	73	0.34	0.043
1119899	Soil		1.0	22.7	10.8	76	0.1	19.3	12.8	391	3.34	5.9	1.8	5.7	5.6	28	<0.1	0.6	0.1	71	0.34	0.042
1118902	Soil		1.3	9.3	9.2	45	<0.1	8.2	9.0	471	2.43	4.9	0.6	<0.5	3.1	13	0.1	0.4	0.1	53	0.13	0.021
1119898	Soil		4.3	13.4	11.1	64	0.2	12.2	12.2	722	2.94	5.0	0.8	1.0	2.4	24	0.1	0.4	0.1	66	0.30	0.064
1119900	Soil		0.9	20.6	9.2	65	0.1	17.2	11.4	298	2.99	6.6	1.3	2.2	3.9	26	0.1	0.6	0.1	61	0.30	0.051
1118903	Soil		0.9	19.7	12.2	69	<0.1	17.0	11.3	384	3.05	4.3	1.3	1.4	5.9	26	0.1	0.6	0.1	58	0.33	0.038
1118901	Soil		1.2	12.1	10.4	60	<0.1	11.7	11.4	506	2.89	5.3	0.7	0.7	2.7	18	0.2	0.4	0.1	62	0.23	0.039
1118905	Soil		0.7	21.2	9.2	69	<0.1	19.6	13.0	302	3.24	5.7	1.0	1.0	3.9	26	0.1	0.5	0.1	70	0.39	0.065
1119879	Soil		1.1	41.4	8.8	66	<0.1	25.8	13.0	376	3.40	10.4	0.6	10.0	3.7	16	0.1	0.7	0.2	78	0.21	0.032
1118904	Soil		0.9	18.2	8.9	65	<0.1	15.1	11.6	348	3.15	5.4	1.3	0.9	5.8	24	<0.1	0.6	0.1	59	0.36	0.039
1118907	Soil		0.9	22.6	6.7	56	<0.1	9.4	10.8	400	3.21	3.4	0.8	<0.5	3.0	14	0.2	0.6	0.1	91	0.12	0.024
1119876	Soil		0.9	47.1	8.4	61	<0.1	26.3	12.2	391	2.96	10.2	0.7	3.4	4.2	19	0.1	0.6	0.2	68	0.25	0.055
1118906	Soil		0.8	26.9	9.0	69	0.1	22.1	12.2	306	3.29	7.1	1.4	2.0	3.8	32	<0.1	0.6	0.1	71	0.38	0.050
1119897	Soil		1.9	19.2	8.6	67	0.1	18.3	12.3	375	3.02	7.9	1.1	1.6	4.2	29	0.1	0.4	0.1	66	0.38	0.049
1119881	Soil		1.2	28.3	7.0	52	<0.1	14.8	12.1	378	2.84	6.7	0.8	0.8	1.9	18	0.1	1.2	<0.1	53	0.34	0.030
1119878	Soil		1.0	43.1	8.8	58	0.2	21.7	11.6	340	3.41	10.1	0.5	4.8	3.3	16	0.1	0.5	0.2	79	0.19	0.038
1119884	Soil		1.3	18.9	9.0	53	<0.1	13.8	9.4	301	3.23	8.4	0.5	1.0	2.3	13	0.1	0.5	0.1	72	0.14	0.032
1119889	Soil		5.8	18.4	11.7	66	<0.1	10.7	15.4	742	3.63	5.3	0.8	<0.5	4.2	14	0.2	0.9	<0.1	64	0.26	0.040
1119885	Soil		1.2	33.5	8.3	60	<0.1	14.7	14.2	407	3.74	7.8	0.7	1.3	4.1	16	<0.1	1.2	0.1	85	0.25	0.023
1119890	Soil		1.5	10.7	10.4	36	<0.1	10.1	6.2	207	2.70	7.4	0.4	1.5	2.6	9	0.1	0.5	0.2	71	0.08	0.019
1119887	Soil		1.0	11.4	6.4	34	0.2	9.6	5.1	167	1.77	4.7	0.3	0.7	0.6	12	<0.1	0.3	0.1	50	0.11	0.034
1119886	Soil		0.8	9.9	6.4	15	<0.1	3.6	2.2	66	1.10	2.0	0.2	10.1	0.2	10	<0.1	0.2	0.1	38	0.07	0.025
1119891	Soil		1.5	19.3	11.3	60	<0.1	22.9	12.0	257	3.73	15.0	0.5	4.8	3.4	13	0.1	0.7	0.2	85	0.11	0.022
1119888	Soil		1.2	18.7	7.8	64	<0.1	16.5	14.5	414	3.86	8.3	0.4	<0.5	2.9	17	0.1	0.6	0.1	84	0.24	0.032
1068216	Soil		0.8	35.1	14.6	89	<0.1	44.5	18.4	313	3.50	6.0	1.0	3.0	10.1	12	<0.1	0.3	0.1	48	0.19	0.023
1068215	Soil		0.6	33.5	19.9	92	<0.1	40.5	16.2	406	3.50	5.7	1.3	3.0	14.1	16	0.1	0.3	0.2	46	0.26	0.034
1068218	Soil		1.0	29.6	25.5	86	<0.1	42.6	18.0	374	3.70	9.8	0.9	1.0	8.8	14	0.2	0.4	0.2	57	0.22	0.035
1068212	Soil		1.2	43.8	20.2	91	<0.1	57.7	25.9	661	5.38	5.0	1.2	1.5	7.4	30	0.1	0.2	0.2	82	0.58	0.126
1068214	Soil		0.6	31.7	16.9	66	<0.1	30.6	13.7	395	3.30	5.5	1.0	1.5	8.4	20	<0.1	0.3	0.1	52	0.26	0.018
1068063	Soil		1.1	66.7	65.6	173	0.2	69.8	19.3	709	4.56	4.7	0.5	<0.5	3.1	13	0.4	0.3	0.1	113	0.28	0.050

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1119896	Soil	13	28	0.74	259	0.098	1	1.96	0.011	0.07	0.1	0.04	3.3	0.1	<0.05	6	0.7	<0.2
1119899	Soil	17	27	0.81	398	0.114	<1	2.08	0.011	0.14	0.1	0.04	4.0	0.2	<0.05	6	<0.5	<0.2
1118902	Soil	10	15	0.38	218	0.044	<1	1.35	0.010	0.10	<0.1	<0.01	1.9	<0.1	<0.05	5	<0.5	<0.2
1119898	Soil	9	24	0.60	220	0.067	1	1.73	0.012	0.10	0.1	0.03	3.4	0.1	<0.05	7	<0.5	<0.2
1119900	Soil	14	25	0.64	380	0.072	1	1.92	0.011	0.08	0.1	0.06	3.5	<0.1	<0.05	6	<0.5	<0.2
1118903	Soil	17	24	0.64	583	0.062	<1	1.79	0.010	0.16	0.1	0.04	4.6	<0.1	<0.05	5	<0.5	<0.2
1118901	Soil	10	21	0.52	316	0.066	2	1.79	0.010	0.11	0.2	0.05	2.8	0.1	<0.05	6	<0.5	<0.2
1118905	Soil	13	29	0.79	415	0.075	2	2.22	0.019	0.09	0.1	0.03	4.5	0.1	<0.05	6	<0.5	<0.2
1119879	Soil	10	43	0.77	273	0.099	2	2.16	0.010	0.11	0.2	0.02	4.2	0.1	<0.05	6	0.5	<0.2
1118904	Soil	17	22	0.66	585	0.066	<1	1.82	0.009	0.15	0.1	0.03	4.3	<0.1	<0.05	5	<0.5	<0.2
1118907	Soil	11	27	0.70	313	0.063	<1	1.90	0.011	0.11	<0.1	0.02	4.0	<0.1	<0.05	9	<0.5	<0.2
1119876	Soil	14	37	0.69	265	0.092	3	1.86	0.013	0.08	0.2	0.03	3.9	0.1	<0.05	5	<0.5	<0.2
1118906	Soil	14	30	0.71	463	0.074	2	2.05	0.015	0.06	0.2	0.05	5.2	<0.1	<0.05	6	<0.5	<0.2
1119897	Soil	14	26	0.65	318	0.074	1	1.86	0.011	0.07	0.2	0.06	4.5	0.1	<0.05	6	<0.5	<0.2
1119881	Soil	11	27	0.63	486	0.041	1	1.44	0.008	0.19	<0.1	0.02	4.2	0.1	<0.05	4	<0.5	<0.2
1119878	Soil	9	42	0.78	204	0.113	1	2.30	0.011	0.11	0.2	0.04	3.4	0.1	<0.05	6	<0.5	<0.2
1119884	Soil	8	27	0.59	132	0.076	<1	1.99	0.007	0.08	0.2	0.02	2.7	0.1	<0.05	7	<0.5	<0.2
1119889	Soil	11	17	0.71	364	0.104	1	1.87	0.007	0.31	0.1	0.02	3.4	0.1	<0.05	5	<0.5	<0.2
1119885	Soil	10	25	0.75	254	0.095	1	2.25	0.008	0.22	0.3	0.02	4.6	0.1	<0.05	7	<0.5	<0.2
1119890	Soil	9	20	0.32	155	0.062	<1	1.54	0.007	0.07	0.1	0.01	1.8	<0.1	<0.05	7	<0.5	<0.2
1119887	Soil	7	18	0.37	113	0.082	2	1.23	0.013	0.06	0.1	0.02	1.4	<0.1	<0.05	5	<0.5	<0.2
1119886	Soil	4	8	0.10	73	0.066	<1	0.53	0.013	0.03	<0.1	0.03	0.6	<0.1	<0.05	3	<0.5	<0.2
1119891	Soil	10	35	0.53	185	0.086	1	2.55	0.009	0.09	0.2	0.03	3.0	0.1	<0.05	7	<0.5	<0.2
1119888	Soil	8	27	0.83	181	0.120	1	2.41	0.008	0.17	0.2	0.01	2.8	0.1	<0.05	7	<0.5	<0.2
1068216	Soil	18	40	0.72	189	0.087	<1	2.14	0.007	0.22	<0.1	0.01	2.5	0.3	<0.05	6	<0.5	<0.2
1068215	Soil	43	38	0.69	201	0.059	<1	2.23	0.008	0.17	<0.1	0.02	4.7	0.2	<0.05	6	<0.5	<0.2
1068218	Soil	26	44	0.72	142	0.073	1	2.53	0.008	0.13	0.1	0.02	3.2	0.2	<0.05	6	<0.5	<0.2
1068212	Soil	23	78	1.53	216	0.176	<1	3.33	0.007	0.33	0.1	0.01	3.2	0.4	<0.05	11	<0.5	<0.2
1068214	Soil	33	38	0.67	214	0.083	1	2.03	0.014	0.16	<0.1	0.02	3.9	0.2	<0.05	6	<0.5	<0.2
1068063	Soil	6	94	1.66	209	0.147	1	2.90	0.008	0.18	<0.1	0.01	5.9	0.1	<0.05	9	<0.5	<0.2

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Project: CHA
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000127.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1068233	Soil	3.7	51.3	14.1	117	0.2	42.7	11.5	220	3.18	6.3	1.3	0.6	5.3	34	0.3	0.5	0.3	60	0.13	0.049
1068230	Soil	0.7	47.7	26.2	95	<0.1	65.6	18.6	404	4.07	3.9	0.8	<0.5	16.0	15	<0.1	0.2	0.1	38	0.36	0.076
1068227	Soil	1.6	59.4	12.8	44	0.1	14.2	7.5	169	3.60	2.5	1.7	0.8	19.6	34	<0.1	0.2	0.3	22	0.13	0.036
1068219	Soil	0.7	24.8	20.0	67	<0.1	28.8	13.2	374	3.38	9.6	0.7	4.3	5.0	15	0.1	0.4	0.2	60	0.25	0.053
1068226	Soil	0.6	37.7	24.3	103	<0.1	43.4	16.6	374	4.28	8.4	0.8	4.2	12.8	16	0.1	0.3	0.1	52	0.22	0.024
1068231	Soil	0.8	59.2	20.0	99	<0.1	101.9	25.3	601	4.65	5.2	0.6	<0.5	9.9	21	0.1	0.2	0.1	53	0.49	0.124
1068225	Soil	0.4	32.5	13.8	97	<0.1	37.3	14.4	263	3.81	4.5	0.7	0.7	9.8	16	<0.1	0.2	<0.1	45	0.23	0.017
1068220	Soil	0.8	15.2	29.9	48	<0.1	17.9	6.7	230	2.47	5.9	0.8	1.3	4.2	9	0.1	0.3	0.1	31	0.10	0.032
1068232	Soil	0.7	45.8	15.8	98	<0.1	56.7	14.0	384	4.10	10.9	1.4	1.8	17.0	23	<0.1	0.7	0.2	40	0.47	0.053
1068223	Soil	1.1	24.2	35.2	93	0.1	50.5	16.6	627	3.99	7.9	0.6	0.6	3.9	18	0.1	0.4	0.2	73	0.19	0.031
1068224	Soil	0.8	22.9	15.8	71	0.1	29.2	11.4	596	3.01	9.4	0.6	1.4	6.1	15	0.1	0.5	0.2	61	0.14	0.026
1068222	Soil	0.9	35.1	14.2	66	<0.1	38.2	12.9	303	3.31	13.2	1.4	2.7	8.4	15	<0.1	0.6	0.2	70	0.15	0.021
1068234	Soil	2.0	65.1	17.3	104	0.1	44.2	12.9	523	3.78	54.4	1.3	3.0	9.7	18	0.1	2.6	0.4	57	0.16	0.031
1068217	Soil	1.0	21.2	24.0	81	<0.1	27.4	13.6	521	3.35	8.3	0.6	1.8	4.8	11	0.1	0.5	0.2	55	0.12	0.040
1068228	Soil	0.8	21.4	27.9	63	<0.1	27.9	15.5	621	2.90	2.8	0.6	1.2	8.3	13	<0.1	0.2	0.2	35	0.13	0.032
1068221	Soil	0.9	27.7	31.6	84	<0.1	36.8	14.8	230	3.49	7.2	1.0	0.8	10.2	10	<0.1	0.5	0.2	53	0.07	0.023
1068062	Soil	0.5	52.7	10.3	114	<0.1	42.5	16.8	422	4.15	2.5	0.5	1.6	5.4	10	<0.1	0.2	<0.1	89	0.18	0.032
1068066	Soil	0.7	45.9	10.3	78	<0.1	22.0	13.3	494	3.53	5.8	1.0	3.3	4.0	32	<0.1	0.4	0.2	89	0.33	0.029
1068065	Soil	0.8	43.6	9.1	68	<0.1	14.7	17.6	398	4.19	3.8	0.4	1.0	3.5	16	<0.1	0.2	0.1	84	0.34	0.061
1068213	Soil	5.3	58.2	24.7	139	<0.1	77.6	27.0	449	6.50	2.5	3.1	2.2	5.7	87	0.3	0.2	0.2	119	1.21	0.526
1068211	Soil	0.3	44.6	6.3	116	<0.1	18.7	17.1	663	4.83	0.9	1.0	1.3	6.6	20	<0.1	<0.1	<0.1	113	0.54	0.128
1068061	Soil	0.3	54.5	5.7	124	<0.1	22.8	18.9	734	5.16	1.1	0.9	1.4	6.5	25	<0.1	0.1	<0.1	119	0.55	0.112
1068064	Soil	1.0	43.6	22.7	90	<0.1	44.0	17.0	499	3.62	5.1	1.8	2.2	12.0	21	<0.1	0.4	0.2	54	0.30	0.042
1068229	Soil	0.6	45.1	18.5	73	<0.1	55.3	17.1	489	3.37	3.4	0.7	2.4	10.1	22	<0.1	0.2	0.1	45	0.27	0.052
1125171	Soil	0.9	37.6	37.0	87	0.4	19.9	11.3	333	2.97	33.3	0.8	3.4	3.2	27	0.2	0.7	0.6	70	0.34	0.057
1125172	Soil	1.1	35.7	71.1	71	0.7	17.6	7.2	293	2.42	38.5	0.7	2.7	1.5	33	0.1	0.6	0.6	56	0.49	0.056
1125173	Soil	0.9	26.6	35.7	63	0.3	17.6	8.6	335	2.39	14.7	0.7	3.0	1.4	25	0.2	0.5	0.4	50	0.28	0.058
1125174	Soil	0.9	34.6	23.9	62	0.2	18.4	14.5	602	2.79	12.9	0.8	3.1	2.1	28	<0.1	0.5	0.4	64	0.30	0.059
1125175	Soil	1.0	39.7	19.9	70	0.2	19.4	12.3	437	2.80	10.2	0.7	3.5	1.9	35	0.2	0.4	0.3	68	0.34	0.054
1125176	Soil	1.1	52.5	16.1	75	0.2	20.5	14.9	585	2.94	9.6	0.5	8.0	2.1	42	0.2	0.4	0.3	76	0.40	0.052

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Project: CHA
Report Date: August 21, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1068233	Soil		14	27	0.31	841	0.013	1	1.29	0.010	0.09	0.2	<0.01	2.9	<0.1	<0.05	3	1.0	<0.2
1068230	Soil		40	70	0.97	207	0.071	<1	2.17	0.005	0.55	<0.1	<0.01	2.8	0.3	<0.05	7	<0.5	<0.2
1068227	Soil		34	22	0.43	84	0.038	<1	1.33	0.005	0.37	<0.1	<0.01	2.0	0.3	0.11	4	<0.5	<0.2
1068219	Soil		16	33	0.68	160	0.076	1	2.20	0.010	0.15	0.1	0.02	3.1	0.2	<0.05	6	<0.5	<0.2
1068226	Soil		28	50	0.89	108	0.091	1	2.52	0.007	0.36	0.1	0.02	2.9	0.3	<0.05	7	<0.5	<0.2
1068231	Soil		27	115	1.16	273	0.108	<1	2.38	0.008	0.58	<0.1	<0.01	2.7	0.2	<0.05	7	<0.5	<0.2
1068225	Soil		11	50	0.91	103	0.189	<1	2.40	0.006	0.46	<0.1	<0.01	1.9	0.4	<0.05	7	<0.5	<0.2
1068220	Soil		9	19	0.28	105	0.014	<1	1.49	0.006	0.10	<0.1	0.01	1.5	<0.1	<0.05	4	<0.5	<0.2
1068232	Soil		52	54	1.09	263	0.077	<1	2.31	0.008	0.32	<0.1	0.01	4.9	0.3	<0.05	7	<0.5	<0.2
1068223	Soil		13	87	1.10	160	0.093	<1	2.89	0.009	0.11	0.1	0.02	3.2	0.2	<0.05	9	<0.5	<0.2
1068224	Soil		16	36	0.55	249	0.055	<1	2.33	0.009	0.09	0.1	<0.01	2.7	<0.1	<0.05	6	<0.5	<0.2
1068222	Soil		22	44	0.63	212	0.078	1	2.67	0.012	0.07	0.1	0.03	4.5	0.1	<0.05	6	<0.5	<0.2
1068234	Soil		19	43	0.73	1355	0.038	<1	1.97	0.006	0.14	0.2	0.02	4.0	0.2	<0.05	6	<0.5	<0.2
1068217	Soil		14	35	0.57	106	0.053	<1	2.01	0.007	0.12	0.1	0.01	2.3	0.1	<0.05	6	<0.5	<0.2
1068228	Soil		10	28	0.54	160	0.019	<1	1.74	0.006	0.15	<0.1	0.02	1.7	0.1	<0.05	5	<0.5	<0.2
1068221	Soil		21	40	0.62	102	0.033	1	2.52	0.006	0.11	<0.1	0.01	2.9	0.2	<0.05	6	<0.5	<0.2
1068062	Soil		7	80	1.73	216	0.214	1	3.00	0.010	0.49	<0.1	<0.01	3.8	0.3	<0.05	7	<0.5	<0.2
1068066	Soil		14	38	0.96	260	0.098	<1	2.39	0.018	0.05	0.1	0.03	7.1	<0.1	<0.05	7	<0.5	<0.2
1068065	Soil		13	24	1.28	264	0.113	<1	2.70	0.017	0.31	<0.1	<0.01	4.4	0.2	<0.05	6	<0.5	<0.2
1068213	Soil		28	97	1.40	229	0.140	<1	3.19	0.012	0.59	0.1	0.01	5.3	0.4	0.07	14	0.9	<0.2
1068211	Soil		19	22	1.92	411	0.290	<1	3.18	0.010	0.90	<0.1	<0.01	6.2	0.4	<0.05	9	<0.5	<0.2
1068061	Soil		16	31	1.99	403	0.302	<1	3.37	0.012	0.86	0.1	0.01	6.2	0.4	<0.05	9	<0.5	<0.2
1068064	Soil		37	66	0.82	183	0.077	1	1.95	0.007	0.17	0.1	0.02	4.4	0.2	<0.05	6	0.7	<0.2
1068229	Soil		15	51	0.92	216	0.094	<1	2.06	0.010	0.50	0.1	0.02	2.5	0.2	<0.05	7	<0.5	<0.2
1125171	Soil		10	34	0.73	201	0.093	<1	2.17	0.013	0.08	0.3	0.05	4.0	0.2	<0.05	7	<0.5	<0.2
1125172	Soil		9	30	0.64	179	0.062	1	1.86	0.014	0.07	0.3	0.06	3.4	0.2	0.05	6	<0.5	<0.2
1125173	Soil		9	30	0.55	166	0.052	<1	1.67	0.014	0.06	0.2	0.05	2.7	0.2	<0.05	6	<0.5	<0.2
1125174	Soil		10	30	0.67	233	0.069	1	1.99	0.019	0.06	0.2	0.04	3.3	0.1	<0.05	6	<0.5	<0.2
1125175	Soil		9	33	0.80	237	0.081	<1	2.21	0.014	0.07	0.2	0.03	3.5	0.1	<0.05	7	<0.5	<0.2
1125176	Soil		8	30	0.84	218	0.092	1	2.14	0.013	0.12	0.2	0.02	3.4	0.1	<0.05	7	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1125177	Soil	0.9	40.7	14.4	62	0.2	18.0	11.9	419	2.47	7.5	0.5	3.6	1.3	38	0.2	0.3	0.2	67	0.30	0.040
1125151	Soil	1.4	51.3	10.7	72	0.1	19.4	10.9	485	3.69	9.1	0.7	4.3	2.5	48	0.1	0.5	0.6	99	0.43	0.054
1125159	Soil	2.2	42.9	13.0	54	0.3	17.1	12.3	462	3.11	11.7	0.5	11.8	2.1	45	0.2	0.6	1.1	85	0.46	0.032
1125153	Soil	0.9	45.2	11.4	59	<0.1	18.9	11.6	770	2.92	5.7	0.6	4.7	2.5	45	0.1	0.4	0.4	81	0.31	0.040
1125155	Soil	0.9	41.5	13.0	50	<0.1	19.0	10.8	481	2.75	7.8	0.5	4.6	2.3	52	0.1	0.5	0.3	72	0.45	0.034
1125152	Soil	1.4	54.2	36.9	75	0.3	19.9	9.5	472	3.26	9.3	0.7	13.2	2.2	44	0.1	0.8	0.7	80	0.35	0.048
1125156	Soil	1.3	35.0	12.6	60	<0.1	18.6	13.0	513	2.81	9.8	0.5	4.9	2.8	44	0.2	0.5	0.4	71	0.44	0.038
1125157	Soil	4.2	42.8	108.8	61	0.5	18.4	10.8	472	2.80	16.9	0.8	3.6	2.8	38	0.2	0.8	4.3	68	0.50	0.038
1125158	Soil	2.0	36.4	13.5	54	<0.1	16.3	14.9	834	2.73	8.3	0.5	12.7	2.2	45	0.1	0.5	1.7	72	0.42	0.034
1125178	Soil	0.8	72.2	19.7	70	0.4	20.1	13.0	683	2.97	12.0	0.5	7.7	1.3	51	0.3	0.3	0.3	78	0.48	0.045
1125154	Soil	0.9	35.8	13.4	56	<0.1	18.6	10.0	469	2.87	5.9	0.6	2.8	2.9	58	<0.1	0.4	0.2	80	0.49	0.043
1125160	Soil	1.6	47.3	12.4	50	0.2	15.9	11.5	393	2.81	8.5	0.5	5.7	2.1	41	0.1	0.4	0.7	74	0.44	0.047
1125164	Soil	1.1	36.2	28.6	72	0.1	17.4	12.3	523	3.17	11.0	0.8	2.3	6.5	83	0.1	0.4	0.6	70	0.81	0.058
1125162	Soil	1.8	49.7	25.2	52	0.4	15.5	9.4	493	2.42	14.0	0.6	4.9	1.4	39	0.2	0.6	1.7	61	0.44	0.041
1125168	Soil	1.1	40.8	15.7	68	0.2	21.2	11.9	407	3.14	9.6	0.8	3.8	3.3	50	0.1	0.5	0.5	73	0.47	0.049
1125163	Soil	1.8	40.8	18.9	57	0.3	15.7	11.1	554	2.60	12.2	0.7	4.1	1.5	49	0.2	0.6	1.0	63	0.67	0.050
1125166	Soil	1.4	23.0	22.5	59	0.3	16.8	11.0	379	2.42	8.9	0.8	3.8	2.4	33	0.2	0.5	0.7	61	0.48	0.043
1125167	Soil	1.3	24.7	17.5	51	0.2	15.5	11.1	391	2.49	9.3	0.9	3.8	2.0	40	<0.1	0.5	0.6	57	0.41	0.052
1125179	Soil	1.0	86.7	15.8	81	0.4	28.9	15.6	517	3.76	13.2	0.6	2.9	1.9	60	0.2	0.3	0.2	96	0.65	0.075
1127164	Soil	1.3	15.3	17.2	59	<0.1	15.0	9.3	329	2.97	9.3	1.8	1.4	7.8	62	0.1	0.3	0.4	66	0.52	0.058
1127161	Soil	1.7	19.0	22.6	62	0.3	14.4	9.1	332	2.89	10.4	5.1	4.1	8.2	47	0.2	0.3	0.4	65	0.42	0.052
1127159	Soil	3.6	25.0	22.0	74	0.2	18.6	14.0	577	3.73	21.9	11.0	2.1	5.0	61	0.2	0.4	0.4	95	0.63	0.043
1125180	Soil	1.0	81.4	16.9	78	0.4	28.7	14.6	494	3.61	13.5	0.6	2.7	2.0	59	0.2	0.3	0.2	94	0.61	0.065
1127163	Soil	1.2	14.7	16.5	63	<0.1	13.8	10.9	374	3.68	9.7	1.5	1.7	9.0	49	0.2	0.4	0.4	83	0.43	0.079
1127160	Soil	2.7	31.7	15.2	73	0.1	25.5	16.0	625	4.01	9.5	11.5	2.3	4.6	118	0.2	0.3	0.2	104	0.91	0.048
1127165	Soil	1.7	16.0	16.7	55	0.1	15.1	8.4	291	2.93	8.3	2.6	8.1	7.2	48	0.2	0.3	0.4	70	0.43	0.072
1125161	Soil	3.5	73.7	24.8	72	0.6	20.0	16.3	840	3.53	26.8	0.7	3.6	1.7	43	0.3	0.7	1.4	88	0.54	0.062
1125169	Soil	1.4	43.2	16.6	72	0.3	17.5	12.5	494	3.10	10.7	1.3	2.6	2.8	38	0.2	0.4	0.7	68	0.34	0.051
1127172	Soil	1.3	16.0	30.3	50	0.3	13.1	7.1	271	2.40	13.8	3.3	0.7	9.8	96	0.2	0.4	2.5	58	0.65	0.084
1127169	Soil	2.0	25.8	20.8	67	0.3	15.5	10.1	489	3.01	11.3	6.9	2.0	15.5	94	0.3	0.4	0.7	68	0.70	0.090

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Project: CHA
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000127.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1125177	Soil		7	29	0.71	174	0.081	<1	1.97	0.015	0.09	0.2	0.03	2.9	0.2	<0.05	7	<0.5	<0.2
1125151	Soil		9	29	1.19	366	0.167	1	2.66	0.044	0.37	0.1	0.02	7.0	0.3	<0.05	8	<0.5	<0.2
1125159	Soil		8	27	0.64	175	0.105	<1	2.38	0.014	0.08	0.9	0.04	4.0	0.1	<0.05	7	<0.5	<0.2
1125153	Soil		10	26	0.93	274	0.141	<1	2.34	0.021	0.13	0.1	0.04	4.9	0.2	<0.05	7	<0.5	<0.2
1125155	Soil		9	24	0.64	210	0.103	<1	1.95	0.019	0.07	0.8	0.01	4.0	0.2	<0.05	6	<0.5	<0.2
1125152	Soil		10	29	0.92	283	0.133	1	2.61	0.019	0.22	0.1	0.03	5.8	0.2	<0.05	7	<0.5	<0.2
1125156	Soil		9	27	0.63	174	0.097	2	1.91	0.013	0.07	3.9	0.03	3.5	0.1	<0.05	6	<0.5	<0.2
1125157	Soil		10	29	0.62	208	0.088	<1	1.97	0.014	0.06	1.9	0.04	4.1	0.1	<0.05	6	<0.5	<0.2
1125158	Soil		8	24	0.56	160	0.079	<1	1.67	0.015	0.06	1.1	0.02	3.4	<0.1	<0.05	5	<0.5	<0.2
1125178	Soil		6	30	0.73	230	0.087	<1	2.30	0.019	0.13	0.2	0.03	2.8	0.2	<0.05	8	<0.5	<0.2
1125154	Soil		10	26	0.90	287	0.128	<1	2.15	0.022	0.12	0.2	0.02	5.5	0.2	<0.05	7	<0.5	<0.2
1125160	Soil		8	22	0.70	183	0.094	<1	1.82	0.014	0.09	0.9	0.03	3.2	0.1	<0.05	6	<0.5	<0.2
1125164	Soil		21	38	1.17	266	0.125	<1	2.56	0.035	0.35	0.8	0.03	5.7	0.4	<0.05	8	<0.5	<0.2
1125162	Soil		8	27	0.56	168	0.061	<1	1.71	0.016	0.06	0.6	0.03	3.1	0.1	<0.05	6	<0.5	<0.2
1125168	Soil		10	38	0.89	230	0.105	<1	2.11	0.019	0.12	0.4	0.03	4.3	0.2	<0.05	7	0.6	<0.2
1125163	Soil		8	27	0.56	200	0.058	1	1.85	0.017	0.06	0.8	0.04	3.4	0.1	<0.05	7	<0.5	<0.2
1125166	Soil		9	31	0.56	212	0.052	<1	2.05	0.014	0.05	0.4	0.06	4.1	0.1	<0.05	6	<0.5	<0.2
1125167	Soil		10	31	0.57	200	0.052	<1	1.83	0.014	0.06	0.4	0.05	3.7	0.1	<0.05	6	<0.5	<0.2
1125179	Soil		6	45	1.15	282	0.130	1	2.79	0.018	0.33	0.3	0.02	5.5	0.3	<0.05	10	<0.5	<0.2
1127164	Soil		14	28	0.63	174	0.090	<1	1.91	0.014	0.08	0.2	0.02	3.5	0.1	<0.05	6	<0.5	<0.2
1127161	Soil		17	27	0.66	201	0.071	<1	2.13	0.014	0.10	0.2	0.04	4.4	0.1	<0.05	7	<0.5	<0.2
1127159	Soil		10	36	1.10	244	0.142	<1	2.31	0.016	0.11	0.1	0.02	8.2	0.2	<0.05	8	<0.5	<0.2
1125180	Soil		6	43	1.12	276	0.129	1	2.74	0.019	0.31	0.3	0.02	5.0	0.3	<0.05	10	<0.5	<0.2
1127163	Soil		18	26	0.68	180	0.106	<1	1.79	0.013	0.10	0.4	0.01	3.8	0.1	<0.05	7	<0.5	<0.2
1127160	Soil		10	74	1.48	319	0.136	<1	2.78	0.038	0.31	0.2	0.02	11.0	0.2	<0.05	9	<0.5	<0.2
1127165	Soil		16	27	0.56	145	0.090	<1	1.52	0.016	0.07	0.4	0.02	3.0	<0.1	<0.05	5	<0.5	<0.2
1125161	Soil		8	30	0.84	248	0.100	1	2.60	0.017	0.10	0.6	0.04	4.4	0.1	<0.05	9	<0.5	<0.2
1125169	Soil		14	36	0.72	261	0.088	1	2.26	0.014	0.08	0.2	0.05	4.7	0.2	<0.05	8	<0.5	<0.2
1127172	Soil		19	20	0.48	168	0.085	1	1.73	0.013	0.09	0.3	0.02	2.4	<0.1	<0.05	7	<0.5	<0.2
1127169	Soil		21	25	0.63	218	0.078	<1	2.02	0.019	0.07	0.3	0.03	3.6	0.2	<0.05	7	<0.5	<0.2

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Vancouver BC V6C 1H2 Canada

Project: CHA
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000127.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1125165	Soil	1.6	22.7	21.1	51	0.2	16.0	15.5	524	2.51	9.5	0.8	3.7	2.2	38	0.1	0.5	0.8	69	0.50	0.050
1127167	Soil	2.9	22.0	27.4	62	0.2	15.9	9.1	350	3.29	12.1	5.0	0.7	10.9	82	0.2	0.4	0.7	79	0.56	0.075
1127162	Soil	1.5	19.5	24.9	70	<0.1	17.5	12.1	441	3.52	18.8	1.9	1.7	11.6	41	0.1	0.4	0.5	76	0.37	0.061
1127171	Soil	1.2	19.4	21.5	57	0.1	15.5	9.2	353	3.18	10.5	3.8	2.4	14.7	73	0.1	0.4	0.7	75	0.54	0.087
1127190	Soil	1.9	24.0	13.6	46	0.2	17.0	10.2	251	2.88	8.6	1.5	10.9	3.4	66	0.1	0.4	0.2	80	0.41	0.027
1127191	Soil	1.3	25.3	13.9	49	0.1	16.7	13.8	561	2.79	6.9	1.3	2.5	2.6	60	0.2	0.3	0.2	77	0.42	0.025
1127184	Soil	2.1	22.8	17.7	52	<0.1	11.8	10.2	351	3.66	11.0	2.6	1.8	17.7	134	<0.1	0.3	0.3	86	0.92	0.142
1127183	Soil	3.2	18.4	27.3	56	0.2	8.3	8.0	341	3.39	8.8	3.6	1.5	22.3	207	0.1	0.4	0.5	82	1.23	0.142
1127185	Soil	3.1	47.5	42.7	64	1.4	12.2	13.1	622	3.80	35.0	10.5	5.5	22.5	175	0.3	0.5	1.0	88	1.04	0.139
1127168	Soil	3.0	10.4	17.4	80	0.1	8.7	6.4	264	2.29	7.5	0.8	3.2	5.3	52	0.1	0.2	0.7	59	0.36	0.051
1127182	Soil	4.0	22.8	24.1	50	0.1	11.6	8.4	279	3.13	9.3	2.9	0.9	20.2	154	<0.1	0.6	0.3	75	1.02	0.111
1127166	Soil	3.8	17.0	17.2	70	0.2	13.4	10.1	430	3.28	7.6	4.9	0.9	7.2	80	0.2	0.3	0.3	77	0.77	0.056
1127188	Soil	1.9	41.9	12.0	53	0.1	18.7	11.7	298	3.65	7.7	3.4	3.9	5.2	68	<0.1	0.3	0.2	112	0.57	0.044
1127189	Soil	1.5	34.4	12.8	54	0.1	18.7	12.6	302	3.40	6.5	1.8	3.5	5.0	86	0.1	0.3	0.1	98	0.66	0.042
1127180	Soil	1.6	26.3	18.5	67	<0.1	21.0	11.1	406	3.27	10.4	3.3	1.2	18.6	108	0.1	0.5	0.5	78	0.78	0.091
1127186	Soil	1.7	25.0	16.0	44	0.2	16.6	8.2	199	2.84	9.7	1.6	2.1	3.6	45	0.1	0.4	0.4	75	0.34	0.031
1127181	Soil	1.6	24.3	17.4	64	<0.1	19.2	11.0	403	3.28	10.0	3.5	1.3	18.9	115	<0.1	0.5	0.3	78	0.79	0.092
1127187	Soil	1.4	31.2	12.9	54	<0.1	26.3	12.6	325	3.38	8.8	2.1	2.0	5.1	56	<0.1	0.3	0.2	90	0.47	0.030
1127178	Soil	1.4	18.3	17.4	42	<0.1	13.0	10.4	302	3.06	9.5	0.8	0.7	7.8	89	0.2	0.4	0.6	71	0.35	0.084
1127177	Soil	1.3	28.2	28.6	54	0.1	15.1	8.9	324	3.25	12.2	4.9	1.9	22.5	107	<0.1	0.5	1.1	76	0.78	0.061
1127179	Soil	9.1	40.4	27.8	56	0.7	8.9	8.4	393	3.41	18.3	12.6	2.5	19.4	198	0.2	0.4	2.7	79	1.22	0.140
1127173	Soil	1.1	20.1	18.2	57	<0.1	16.7	12.7	485	4.17	11.3	3.1	1.1	20.0	72	0.2	0.4	1.1	99	0.47	0.103
1127170	Soil	1.7	24.8	21.6	71	0.1	17.3	10.0	382	3.15	12.7	6.7	1.7	16.5	78	0.3	0.3	0.7	74	0.67	0.070
1127175	Soil	1.3	18.0	19.7	51	0.1	13.3	7.1	240	2.75	9.3	2.6	14.8	11.3	108	0.1	0.3	1.2	69	0.57	0.067
1127176	Soil	1.5	25.1	17.9	41	0.2	12.1	6.8	281	2.81	6.8	3.9	1.3	15.4	91	0.1	0.3	3.5	64	0.51	0.066
1127174	Soil	1.1	13.6	16.6	43	<0.1	12.9	7.9	278	2.81	9.7	1.6	1.8	12.1	98	0.2	0.5	1.0	66	0.54	0.054
1125170	Soil	1.0	25.5	18.7	58	0.2	17.3	9.4	288	2.28	10.6	0.6	9.4	1.9	29	0.2	0.3	0.5	58	0.41	0.046

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1125165	Soil	8	29	0.59	200	0.076	1	1.92	0.018	0.05	0.8	0.03	4.2	0.2	<0.05	6	<0.5	<0.2
1127167	Soil	18	25	0.55	168	0.089	<1	1.95	0.015	0.08	0.3	0.03	2.8	0.1	<0.05	7	<0.5	<0.2
1127162	Soil	18	32	0.77	243	0.128	<1	2.12	0.013	0.17	0.2	0.01	5.0	0.1	<0.05	7	<0.5	<0.2
1127171	Soil	19	24	0.57	185	0.097	<1	1.89	0.017	0.07	0.7	0.02	3.1	0.1	<0.05	7	<0.5	<0.2
1127190	Soil	10	33	0.64	193	0.156	<1	2.09	0.014	0.25	0.4	0.02	4.8	0.2	<0.05	8	<0.5	<0.2
1127191	Soil	7	30	0.64	185	0.137	1	2.16	0.016	0.15	0.4	0.02	4.0	0.1	<0.05	8	<0.5	<0.2
1127184	Soil	26	21	0.59	118	0.104	<1	2.15	0.020	0.09	0.7	0.01	2.5	0.1	<0.05	8	<0.5	<0.2
1127183	Soil	27	16	0.49	111	0.086	<1	2.19	0.019	0.12	0.9	0.02	2.3	0.1	<0.05	9	<0.5	<0.2
1127185	Soil	30	22	0.60	173	0.079	1	2.73	0.020	0.10	1.0	0.06	4.2	0.2	<0.05	10	<0.5	<0.2
1127168	Soil	10	17	0.34	98	0.085	<1	1.30	0.020	0.08	0.3	<0.01	1.9	<0.1	<0.05	7	<0.5	<0.2
1127182	Soil	24	19	0.46	146	0.086	<1	2.55	0.016	0.11	0.4	0.01	2.2	0.1	<0.05	9	<0.5	<0.2
1127166	Soil	13	25	0.86	225	0.139	<1	2.21	0.019	0.16	0.2	0.03	5.6	0.2	<0.05	8	<0.5	<0.2
1127188	Soil	10	39	0.99	309	0.227	<1	2.03	0.021	0.35	0.6	0.01	6.4	0.3	<0.05	8	<0.5	<0.2
1127189	Soil	10	44	1.04	307	0.232	<1	2.36	0.018	0.39	0.3	0.01	6.3	0.2	<0.05	9	<0.5	<0.2
1127180	Soil	25	33	0.70	235	0.119	<1	2.22	0.027	0.09	0.4	0.03	4.9	0.1	<0.05	7	<0.5	<0.2
1127186	Soil	9	30	0.54	194	0.120	<1	1.93	0.012	0.11	0.5	0.02	3.3	<0.1	<0.05	8	<0.5	<0.2
1127181	Soil	26	30	0.67	222	0.123	<1	2.11	0.025	0.08	0.4	0.02	4.9	0.1	<0.05	7	<0.5	<0.2
1127187	Soil	11	51	0.99	284	0.209	1	2.29	0.018	0.19	0.5	0.02	5.8	0.2	<0.05	8	<0.5	<0.2
1127178	Soil	14	21	0.46	172	0.088	1	2.21	0.015	0.07	0.4	<0.01	2.7	0.1	<0.05	9	<0.5	<0.2
1127177	Soil	31	27	0.58	149	0.079	1	2.35	0.031	0.05	0.3	0.03	5.2	<0.1	<0.05	8	<0.5	<0.2
1127179	Soil	34	16	0.56	161	0.054	<1	2.36	0.020	0.08	1.4	0.06	4.7	0.2	<0.05	9	<0.5	<0.2
1127173	Soil	21	29	0.63	146	0.116	<1	2.18	0.019	0.07	0.5	0.03	3.1	0.1	<0.05	8	<0.5	<0.2
1127170	Soil	19	29	0.63	210	0.091	<1	2.14	0.017	0.08	0.4	0.02	3.9	0.1	<0.05	7	<0.5	<0.2
1127175	Soil	20	23	0.56	127	0.094	<1	1.93	0.013	0.08	0.3	0.02	2.7	0.1	<0.05	7	<0.5	<0.2
1127176	Soil	20	19	0.50	125	0.066	1	1.69	0.014	0.06	0.6	0.02	2.5	0.1	<0.05	6	<0.5	<0.2
1127174	Soil	16	22	0.48	130	0.078	1	2.13	0.012	0.08	0.3	0.01	2.0	0.1	<0.05	7	<0.5	<0.2
1125170	Soil	7	28	0.63	178	0.081	3	1.62	0.013	0.07	0.3	0.03	3.0	0.2	<0.05	6	<0.5	<0.2

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

Project: CHA
Report Date: August 21, 2011

QUALITY CONTROL REPORT DAW11000127.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																						
1118247	Soil		1.1	19.5	8.6	88	<0.1	15.8	10.7	385	3.17	9.8	0.4	1.7	2.0	12	0.2	0.6	0.2	65	0.15	0.036
REP 1118247	QC		1.1	19.1	8.5	84	<0.1	15.4	10.7	383	3.17	9.1	0.4	0.8	2.0	11	0.2	0.6	0.2	63	0.14	0.035
1126150	Soil		0.7	29.9	10.1	66	<0.1	18.9	11.4	466	3.10	4.8	0.3	0.8	1.9	18	<0.1	0.3	0.1	80	0.20	0.062
REP 1126150	QC		0.6	30.2	10.4	66	<0.1	19.4	11.6	479	3.13	5.0	0.3	0.9	1.9	17	<0.1	0.3	0.1	83	0.20	0.063
1127840	Soil		0.6	43.5	17.2	63	0.1	10.7	9.7	413	2.81	4.0	0.5	2.8	3.6	126	<0.1	0.3	0.2	62	0.44	0.023
REP 1127840	QC		0.5	42.5	17.7	63	0.1	11.3	9.3	413	2.79	3.8	0.5	2.4	3.5	128	0.1	0.3	0.3	63	0.45	0.024
1115199	Soil		1.1	13.9	17.3	64	0.2	14.9	6.3	241	2.47	7.4	0.6	1.1	2.8	33	0.2	0.5	0.3	67	0.20	0.030
REP 1115199	QC		1.2	13.4	17.0	63	0.2	13.8	6.3	238	2.37	7.0	0.6	1.0	2.8	33	0.2	0.5	0.3	64	0.19	0.029
1119072	Soil		0.8	29.4	8.1	112	<0.1	25.6	15.0	410	4.18	4.9	0.8	0.8	6.9	20	0.3	0.6	0.1	88	0.26	0.049
REP 1119072	QC		0.9	30.2	7.9	109	<0.1	25.2	15.8	427	4.03	4.4	0.8	1.5	7.0	19	0.3	0.6	0.2	86	0.25	0.048
1119082	Soil		0.8	24.4	8.7	66	0.1	22.6	9.7	276	2.49	5.6	0.7	1.9	3.1	29	<0.1	0.6	0.1	57	0.42	0.067
REP 1119082	QC		0.7	24.6	8.5	68	0.1	23.0	9.7	285	2.59	5.9	0.8	3.7	3.2	29	0.1	0.6	0.2	58	0.44	0.068
1119108	Soil		1.1	50.7	10.0	78	0.2	22.6	13.1	397	3.13	5.8	1.0	1.9	3.7	32	<0.1	0.6	0.2	67	0.45	0.052
REP 1119108	QC		1.0	48.3	10.1	77	0.2	22.7	13.1	370	3.10	5.4	1.0	2.4	3.5	31	0.1	0.6	0.2	69	0.45	0.053
1119122	Soil		0.7	26.7	9.7	49	<0.1	19.3	8.6	254	2.68	7.2	0.8	1.1	1.5	23	0.1	0.5	0.2	65	0.25	0.046
REP 1119122	QC		0.7	27.6	9.7	48	<0.1	19.5	8.7	261	2.74	7.1	0.8	1.3	1.6	22	0.1	0.5	0.2	63	0.25	0.045
1119039	Soil		0.5	15.4	6.9	78	<0.1	9.6	16.3	600	4.18	3.0	1.3	<0.5	5.6	23	<0.1	0.6	<0.1	83	0.32	0.043
REP 1119039	QC		0.6	16.2	7.2	81	<0.1	10.2	16.8	629	4.38	3.2	1.4	<0.5	6.1	24	<0.1	0.6	<0.1	89	0.32	0.045
1119042	Soil		1.1	23.9	10.0	56	<0.1	22.8	13.1	290	3.33	8.9	0.7	1.5	3.5	21	<0.1	0.7	0.2	78	0.19	0.021
REP 1119042	QC		1.1	23.3	9.9	56	<0.1	22.4	13.0	285	3.28	8.7	0.7	1.2	3.4	21	<0.1	0.7	0.2	78	0.19	0.021
1127970	Soil		0.3	93.2	1.6	60	<0.1	27.5	20.6	343	4.70	2.2	0.1	0.7	0.3	7	<0.1	0.3	<0.1	163	0.22	0.021
REP 1127970	QC		0.4	92.3	1.5	61	<0.1	27.1	20.0	344	4.62	2.2	0.1	0.8	0.4	8	<0.1	0.2	<0.1	162	0.23	0.020
1127957	Soil		0.8	30.0	9.3	66	<0.1	12.3	10.3	365	3.20	4.7	0.7	1.3	2.9	19	0.1	0.3	0.2	66	0.14	0.041
REP 1127957	QC		1.0	29.4	8.7	61	<0.1	11.3	9.4	339	2.91	4.7	0.7	3.9	2.7	18	0.2	0.2	0.1	60	0.14	0.037
1119897	Soil		1.9	19.2	8.6	67	0.1	18.3	12.3	375	3.02	7.9	1.1	1.6	4.2	29	0.1	0.4	0.1	66	0.38	0.049
REP 1119897	QC		2.1	20.3	9.2	67	0.1	18.7	12.8	383	3.11	8.4	1.2	3.4	4.4	30	0.1	0.5	0.1	69	0.38	0.054
1068215	Soil		0.6	33.5	19.9	92	<0.1	40.5	16.2	406	3.50	5.7	1.3	3.0	14.1	16	0.1	0.3	0.2	46	0.26	0.034
REP 1068215	QC		0.5	32.4	19.0	87	<0.1	37.5	14.9	393	3.40	5.5	1.3	2.9	13.3	15	<0.1	0.3	0.2	44	0.25	0.034

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Project: CHA
Report Date: August 21, 2011

QUALITY CONTROL REPORT DAW11000127.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1118247	Soil	8	23	0.61	166	0.067	<1	2.07	0.007	0.12	0.2	0.03	3.9	0.1	<0.05	6	<0.5	<0.2
REP 1118247	QC	8	22	0.63	166	0.059	1	2.04	0.007	0.11	0.1	0.03	3.9	<0.1	<0.05	6	0.5	<0.2
1126150	Soil	6	31	1.00	161	0.154	1	2.00	0.008	0.19	0.1	<0.01	2.2	0.2	<0.05	7	<0.5	<0.2
REP 1126150	QC	6	33	1.01	159	0.152	<1	2.01	0.007	0.19	0.1	<0.01	2.0	0.2	<0.05	8	<0.5	<0.2
1127840	Soil	8	20	0.91	245	0.068	<1	2.76	0.023	0.22	<0.1	0.02	6.1	0.2	<0.05	8	<0.5	<0.2
REP 1127840	QC	8	21	0.93	249	0.067	<1	2.78	0.026	0.22	<0.1	0.01	5.9	0.2	<0.05	8	<0.5	<0.2
1115199	Soil	10	24	0.55	148	0.087	<1	1.94	0.013	0.08	0.1	0.02	3.1	<0.1	<0.05	8	<0.5	<0.2
REP 1115199	QC	9	24	0.52	143	0.079	<1	1.83	0.013	0.08	0.1	0.02	2.9	0.1	<0.05	7	<0.5	<0.2
1119072	Soil	17	42	1.08	291	0.193	<1	2.44	0.013	0.37	<0.1	0.02	3.7	0.2	<0.05	8	<0.5	<0.2
REP 1119072	QC	17	42	1.06	288	0.193	<1	2.38	0.011	0.37	<0.1	0.02	3.8	0.2	<0.05	9	<0.5	<0.2
1119082	Soil	14	30	0.61	275	0.078	2	1.56	0.020	0.07	0.2	0.04	3.2	<0.1	<0.05	5	<0.5	<0.2
REP 1119082	QC	14	31	0.61	285	0.084	<1	1.57	0.021	0.08	0.2	0.04	3.5	<0.1	<0.05	5	<0.5	<0.2
1119108	Soil	13	32	0.92	552	0.132	<1	2.04	0.015	0.15	0.1	0.04	4.6	0.1	<0.05	6	<0.5	<0.2
REP 1119108	QC	12	32	0.91	546	0.131	2	2.01	0.015	0.15	0.2	0.03	4.6	0.2	<0.05	6	0.6	<0.2
1119122	Soil	12	33	0.56	269	0.076	1	1.75	0.012	0.08	0.1	0.02	3.2	0.1	<0.05	6	0.6	<0.2
REP 1119122	QC	12	33	0.56	264	0.076	1	1.77	0.011	0.08	0.1	0.01	2.9	0.1	<0.05	6	<0.5	<0.2
1119039	Soil	14	16	1.03	590	0.110	<1	2.37	0.009	0.51	<0.1	<0.01	4.0	0.2	<0.05	8	<0.5	<0.2
REP 1119039	QC	15	17	1.09	605	0.113	1	2.37	0.009	0.53	0.1	0.01	4.3	0.2	<0.05	8	<0.5	<0.2
1119042	Soil	9	34	0.59	258	0.073	<1	2.39	0.011	0.05	0.2	0.04	3.6	<0.1	<0.05	7	<0.5	<0.2
REP 1119042	QC	9	33	0.60	267	0.074	1	2.31	0.010	0.05	0.2	0.04	3.5	<0.1	<0.05	7	<0.5	<0.2
1127970	Soil	<1	76	1.41	81	0.329	<1	2.43	0.028	0.10	<0.1	<0.01	4.0	<0.1	<0.05	8	<0.5	<0.2
REP 1127970	QC	<1	74	1.37	82	0.329	<1	2.33	0.028	0.10	<0.1	0.02	3.8	<0.1	<0.05	8	<0.5	<0.2
1127957	Soil	10	24	0.75	174	0.107	1	2.11	0.011	0.15	<0.1	0.02	3.1	<0.1	<0.05	7	0.7	<0.2
REP 1127957	QC	10	23	0.70	159	0.104	<1	1.92	0.011	0.13	<0.1	0.01	2.8	0.1	<0.05	6	<0.5	<0.2
1119897	Soil	14	26	0.65	318	0.074	1	1.86	0.011	0.07	0.2	0.06	4.5	0.1	<0.05	6	<0.5	<0.2
REP 1119897	QC	15	27	0.68	331	0.076	2	1.89	0.013	0.07	0.2	0.07	4.6	0.1	<0.05	6	0.6	<0.2
1068215	Soil	43	38	0.69	201	0.059	<1	2.23	0.008	0.17	<0.1	0.02	4.7	0.2	<0.05	6	<0.5	<0.2
REP 1068215	QC	41	37	0.69	190	0.057	<1	2.19	0.010	0.15	<0.1	0.02	4.6	0.2	<0.05	5	<0.5	<0.2

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Project: CHA
Report Date: August 21, 2011

QUALITY CONTROL REPORT DAW11000127.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1125175	Soil	1.0	39.7	19.9	70	0.2	19.4	12.3	437	2.80	10.2	0.7	3.5	1.9	35	0.2	0.4	0.3	68	0.34	0.054
REP 1125175	QC	0.9	40.6	20.1	68	0.3	20.2	12.7	427	2.80	10.2	0.6	3.6	1.9	34	0.1	0.4	0.3	67	0.32	0.055
1125162	Soil	1.8	49.7	25.2	52	0.4	15.5	9.4	493	2.42	14.0	0.6	4.9	1.4	39	0.2	0.6	1.7	61	0.44	0.041
REP 1125162	QC	1.6	49.0	24.2	54	0.4	15.4	9.1	486	2.37	13.2	0.6	4.0	1.4	39	0.2	0.5	1.2	60	0.41	0.040
1127162	Soil	1.5	19.5	24.9	70	<0.1	17.5	12.1	441	3.52	18.8	1.9	1.7	11.6	41	0.1	0.4	0.5	76	0.37	0.061
REP 1127162	QC	1.3	19.2	25.2	68	<0.1	17.0	11.8	432	3.44	18.7	1.9	22.1	11.2	40	0.1	0.4	0.5	73	0.35	0.061
1127179	Soil	9.1	40.4	27.8	56	0.7	8.9	8.4	393	3.41	18.3	12.6	2.5	19.4	198	0.2	0.4	2.7	79	1.22	0.140
REP 1127179	QC	9.3	40.2	28.1	55	0.8	8.9	8.5	401	3.46	18.5	12.7	2.4	19.7	198	0.2	0.4	2.3	80	1.22	0.140
Reference Materials																					
STD DS8	Standard	12.3	116.4	133.6	319	1.8	37.4	7.3	607	2.46	26.2	3.0	115.6	7.4	72	2.5	5.8	7.0	43	0.69	0.082
STD DS8	Standard	13.0	109.3	125.8	312	1.8	40.1	7.7	626	2.47	27.5	2.8	121.0	6.9	72	2.3	6.0	7.2	42	0.68	0.082
STD DS8	Standard	14.6	115.8	126.7	316	1.8	39.5	7.9	627	2.51	27.2	2.9	110.4	7.1	70	2.4	5.9	7.2	46	0.73	0.082
STD DS8	Standard	13.5	113.8	127.4	306	1.8	40.9	7.6	624	2.53	24.4	3.0	112.8	6.9	67	2.2	6.1	6.9	45	0.72	0.079
STD DS8	Standard	13.5	116.6	120.6	317	1.8	40.5	8.1	640	2.57	27.0	2.8	141.9	6.8	68	2.5	5.3	6.6	45	0.79	0.081
STD DS8	Standard	13.0	108.1	128.1	315	1.8	37.8	7.6	624	2.50	26.0	3.0	107.9	7.2	73	2.2	5.8	7.1	42	0.71	0.079
STD DS8	Standard	13.5	115.3	131.7	289	1.6	40.2	7.8	551	2.36	22.0	2.7	103.1	6.8	63	2.1	5.3	6.4	43	0.65	0.070
STD DS8	Standard	13.8	118.5	127.8	326	1.9	42.4	8.0	654	2.66	27.9	2.7	123.8	6.8	72	2.5	5.7	6.6	46	0.80	0.083
STD DS8	Standard	14.3	118.6	135.1	321	1.8	40.9	8.5	641	2.62	26.7	2.9	103.9	6.9	70	2.6	5.8	6.9	46	0.74	0.085
STD DS8	Standard	12.7	102.6	106.5	286	1.6	35.0	7.2	584	2.28	22.4	2.3	103.2	5.8	60	2.3	5.2	6.2	44	0.65	0.073
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Acme Analytical Laboratories (Vancouver) Ltd.
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Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: CHA
Report Date: August 21, 2011

QUALITY CONTROL REPORT DAW11000127.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1125175	Soil	9	33	0.80	237	0.081	<1	2.21	0.014	0.07	0.2	0.03	3.5	0.1	<0.05	7	<0.5	<0.2
REP 1125175	QC	9	31	0.78	237	0.076	<1	2.16	0.013	0.07	0.2	0.03	3.5	0.2	<0.05	7	<0.5	<0.2
1125162	Soil	8	27	0.56	168	0.061	<1	1.71	0.016	0.06	0.6	0.03	3.1	0.1	<0.05	6	<0.5	<0.2
REP 1125162	QC	8	26	0.55	172	0.062	<1	1.70	0.017	0.06	0.6	0.03	3.0	0.1	<0.05	6	<0.5	<0.2
1127162	Soil	18	32	0.77	243	0.128	<1	2.12	0.013	0.17	0.2	0.01	5.0	0.1	<0.05	7	<0.5	<0.2
REP 1127162	QC	16	30	0.76	238	0.117	<1	2.07	0.013	0.17	0.2	0.02	4.9	0.1	<0.05	7	<0.5	<0.2
1127179	Soil	34	16	0.56	161	0.054	<1	2.36	0.020	0.08	1.4	0.06	4.7	0.2	<0.05	9	<0.5	<0.2
REP 1127179	QC	33	16	0.57	152	0.056	1	2.38	0.020	0.08	1.2	0.05	4.7	0.2	<0.05	9	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	15	121	0.62	291	0.112	2	0.96	0.101	0.43	3.0	0.20	2.0	5.6	0.13	5	5.1	5.0
STD DS8	Standard	14	120	0.64	287	0.118	2	0.91	0.092	0.42	3.1	0.23	2.2	5.6	0.14	5	5.0	5.3
STD DS8	Standard	16	122	0.62	285	0.129	3	0.97	0.093	0.42	3.0	0.21	2.1	5.4	0.14	5	5.3	5.2
STD DS8	Standard	15	126	0.62	280	0.128	2	0.95	0.102	0.42	2.9	0.20	2.0	5.3	0.18	5	4.7	5.1
STD DS8	Standard	14	125	0.64	288	0.126	3	0.93	0.095	0.44	3.2	0.21	2.2	5.3	0.18	5	5.1	5.3
STD DS8	Standard	15	117	0.63	295	0.119	2	0.95	0.099	0.44	3.0	0.21	2.2	5.4	0.16	5	5.1	5.2
STD DS8	Standard	13	120	0.60	257	0.120	3	0.87	0.083	0.39	2.9	0.19	2.1	5.2	0.19	4	5.3	4.2
STD DS8	Standard	16	128	0.66	307	0.130	3	1.01	0.115	0.46	3.2	0.22	2.5	5.7	0.18	5	6.3	5.2
STD DS8	Standard	14	125	0.65	287	0.129	2	0.96	0.096	0.45	3.1	0.20	2.3	5.5	0.16	5	4.9	5.3
STD DS8	Standard	13	116	0.58	266	0.109	2	0.87	0.085	0.39	2.8	0.19	2.4	5.0	0.12	4	4.5	4.9
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

Project: CHA
Report Date: August 21, 2011

QUALITY CONTROL REPORT DAW11000127.1

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

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

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

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: August 02, 2011
Report Date: August 21, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS DAW11000131.1

CLIENT JOB INFORMATION

Project: CHA
Shipment ID: CHA2011-21
P.O. Number
Number of Samples: 329

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	329	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	329	Dry at 60C			WHI
1DX2	329	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Project: CHA
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000131.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1116052	Soil		0.2	30.1	10.8	72	0.2	11.3	5.1	366	1.55	2.8	0.2	2.7	0.9	82	<0.1	0.2	<0.1	37	6.40	0.063
1116053	Soil		1.7	34.7	11.7	59	<0.1	15.8	11.7	304	3.60	12.1	0.6	0.7	4.0	16	<0.1	0.3	0.1	53	0.28	0.024
1116054	Soil		0.6	56.9	5.1	79	<0.1	12.0	21.3	475	5.38	5.0	0.5	0.7	1.6	11	<0.1	0.4	0.1	182	0.26	0.092
1116058	Soil		0.5	25.2	4.5	85	<0.1	8.7	15.0	795	5.18	3.8	0.3	1.1	1.3	38	<0.1	0.2	<0.1	64	1.09	0.331
1116059	Soil		1.0	43.4	10.0	77	<0.1	45.4	12.2	515	3.56	5.6	0.4	1.7	3.2	12	<0.1	0.4	0.1	71	0.15	0.024
1116051	Soil		0.4	4.7	7.1	81	<0.1	47.6	26.1	738	4.04	3.4	0.4	0.6	3.6	16	<0.1	0.3	0.1	93	0.34	0.084
1116055	Soil		0.7	71.9	5.1	80	0.1	11.5	23.0	478	5.70	5.3	0.6	1.1	1.6	11	0.1	0.2	0.1	197	0.27	0.103
1116056	Soil		1.3	23.0	16.5	56	<0.1	22.8	10.2	637	2.48	6.6	0.4	2.4	2.7	23	<0.1	0.4	0.2	54	0.40	0.019
1116057	Soil		1.9	99.4	5.9	94	<0.1	35.3	18.7	925	5.01	3.6	0.5	2.2	4.3	8	<0.1	0.4	0.2	111	0.12	0.034
1116061	Soil		0.5	107.8	4.7	89	<0.1	14.2	17.7	732	3.97	3.6	0.3	0.9	1.5	12	<0.1	0.3	<0.1	97	0.26	0.069
1116060	Soil		0.8	57.5	8.0	80	<0.1	16.2	14.7	653	4.21	4.0	0.3	2.8	1.5	23	<0.1	0.3	<0.1	73	0.64	0.130
1116062	Soil		0.8	86.8	4.8	80	<0.1	13.4	17.9	1211	4.58	4.1	0.3	1.0	1.4	11	<0.1	0.3	<0.1	123	0.14	0.031
1116064	Soil		0.6	23.4	15.9	68	<0.1	20.5	15.4	397	4.00	2.0	1.2	<0.5	6.2	19	<0.1	0.3	0.3	71	0.42	0.117
1116065	Soil		0.5	21.8	8.4	51	<0.1	24.7	9.9	421	2.46	8.5	0.4	3.5	3.2	31	<0.1	0.5	0.2	51	0.69	0.045
1116067	Soil		0.5	22.2	8.4	104	<0.1	43.8	14.8	757	4.19	2.7	0.9	3.6	18.4	21	<0.1	0.3	0.2	71	0.53	0.063
1116069	Soil		0.7	25.3	7.9	45	<0.1	16.8	13.3	460	3.43	3.1	0.6	2.1	2.9	19	<0.1	0.4	<0.1	76	0.48	0.060
1116063	Soil		0.9	84.3	8.5	87	<0.1	44.6	18.1	616	4.51	7.3	0.7	1.4	4.4	18	<0.1	0.4	0.1	107	0.34	0.057
1116072	Soil		0.4	59.6	4.0	79	<0.1	21.7	15.3	461	4.64	3.5	0.5	1.8	3.3	22	<0.1	0.4	<0.1	66	0.47	0.048
1116074	Soil		1.0	36.2	11.3	69	0.1	27.9	11.1	469	2.57	10.3	0.7	3.0	3.4	44	0.3	0.9	0.2	50	0.92	0.061
1116066	Soil		0.9	24.3	16.4	63	<0.1	26.5	11.1	513	2.90	7.9	0.4	2.1	4.2	39	0.1	0.4	0.2	59	2.06	0.031
1116068	Soil		1.2	63.0	7.1	63	<0.1	12.9	21.1	567	5.49	5.3	0.3	<0.5	1.1	17	<0.1	0.3	<0.1	155	0.33	0.031
1116070	Soil		0.7	33.2	4.5	50	<0.1	25.1	15.4	255	3.72	4.4	0.3	<0.5	2.3	21	<0.1	0.4	<0.1	87	0.35	0.041
1116071	Soil		0.5	46.9	6.5	61	<0.1	15.3	12.9	348	3.74	4.1	0.5	<0.5	1.7	33	<0.1	0.2	<0.1	60	0.45	0.035
1116073	Soil		0.5	69.8	6.6	65	<0.1	25.3	18.9	669	4.17	3.6	0.3	1.5	1.1	30	<0.1	0.4	<0.1	74	0.59	0.083
1116075	Soil		0.7	34.4	10.6	57	0.1	25.0	11.6	460	2.64	8.1	1.3	3.7	3.3	38	<0.1	0.7	0.2	54	0.65	0.049
1116077	Soil		0.7	31.1	9.3	53	0.1	24.1	9.3	358	2.46	8.9	1.0	12.5	3.5	33	<0.1	0.7	0.2	53	0.49	0.052
1116081	Soil		1.1	30.3	13.3	61	0.1	25.3	10.4	415	2.52	10.4	0.7	1.5	3.5	41	0.2	0.7	0.2	53	0.72	0.056
1116080	Soil		0.8	28.2	10.4	53	0.1	22.3	9.7	361	2.45	8.8	1.2	2.9	3.6	35	<0.1	0.6	0.2	53	0.54	0.049
1116078	Soil		0.8	28.6	10.0	52	0.2	23.6	10.7	409	2.51	9.0	1.4	4.7	3.5	40	<0.1	0.7	0.2	55	0.60	0.054
1116079	Soil		0.7	27.4	11.7	51	<0.1	23.2	9.7	358	2.54	9.2	1.0	3.1	3.8	31	<0.1	0.6	0.2	57	0.47	0.047

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Project: CHA
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000131.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1116052	Soil		13	27	5.10	173	0.031	1	1.76	0.004	0.04	<0.1	0.07	5.1	<0.1	<0.05	7	<0.5	<0.2
1116053	Soil		16	14	0.77	288	0.032	<1	2.14	0.011	0.07	<0.1	<0.01	3.4	<0.1	<0.05	6	<0.5	<0.2
1116054	Soil		4	27	2.27	430	0.173	<1	2.96	0.017	0.72	<0.1	<0.01	15.7	<0.1	<0.05	10	<0.5	<0.2
1116058	Soil		6	6	1.33	621	0.167	<1	2.35	0.015	0.32	<0.1	0.02	3.1	0.1	<0.05	10	<0.5	<0.2
1116059	Soil		10	69	1.01	316	0.087	<1	2.16	0.007	0.18	0.1	<0.01	3.0	<0.1	<0.05	8	<0.5	<0.2
1116051	Soil		14	127	3.64	311	0.131	<1	3.26	0.014	0.67	0.1	<0.01	11.7	0.2	<0.05	11	<0.5	<0.2
1116055	Soil		4	28	2.41	438	0.183	<1	3.00	0.019	0.80	<0.1	<0.01	17.2	0.1	<0.05	11	1.0	<0.2
1116056	Soil		10	35	0.72	471	0.042	<1	1.72	0.011	0.05	<0.1	0.04	4.6	<0.1	<0.05	5	<0.5	<0.2
1116057	Soil		12	55	1.46	434	0.196	<1	2.71	0.009	0.68	0.1	<0.01	8.3	0.3	<0.05	11	<0.5	<0.2
1116061	Soil		5	18	1.17	444	0.227	<1	1.96	0.008	0.59	<0.1	<0.01	7.6	0.2	<0.05	10	<0.5	<0.2
1116060	Soil		4	18	1.17	447	0.120	<1	2.28	0.009	0.07	0.1	<0.01	4.1	<0.1	<0.05	9	<0.5	<0.2
1116062	Soil		5	16	1.09	589	0.204	<1	2.13	0.008	0.64	<0.1	0.02	7.7	0.1	<0.05	10	<0.5	<0.2
1116064	Soil		24	53	1.67	489	0.155	<1	2.72	0.018	0.66	0.1	<0.01	6.9	0.3	<0.05	10	<0.5	<0.2
1116065	Soil		14	32	0.76	758	0.068	1	1.43	0.021	0.09	0.2	0.03	4.0	<0.1	<0.05	4	<0.5	<0.2
1116067	Soil		47	94	2.18	420	0.199	<1	2.88	0.011	0.73	0.2	0.01	7.4	0.5	<0.05	11	<0.5	<0.2
1116069	Soil		8	27	0.95	213	0.031	1	1.91	0.017	0.11	<0.1	<0.01	9.2	<0.1	<0.05	6	<0.5	<0.2
1116063	Soil		21	62	1.38	613	0.193	<1	2.54	0.008	0.36	<0.1	<0.01	7.4	0.1	<0.05	9	<0.5	<0.2
1116072	Soil		11	44	1.18	244	0.059	<1	2.28	0.014	0.04	<0.1	<0.01	12.3	<0.1	<0.05	9	<0.5	<0.2
1116074	Soil		12	29	0.73	366	0.055	1	1.47	0.025	0.06	0.2	0.04	3.7	<0.1	<0.05	4	0.7	<0.2
1116066	Soil		19	36	0.70	349	0.053	1	1.97	0.016	0.06	0.1	0.03	6.2	<0.1	<0.05	6	0.8	<0.2
1116068	Soil		3	15	1.40	261	0.196	<1	2.81	0.013	0.31	<0.1	<0.01	9.6	<0.1	<0.05	10	0.6	<0.2
1116070	Soil		6	77	1.25	180	0.067	<1	2.48	0.013	0.06	<0.1	<0.01	6.7	<0.1	<0.05	8	<0.5	<0.2
1116071	Soil		6	32	1.20	216	0.097	<1	2.60	0.016	0.07	<0.1	<0.01	5.2	<0.1	<0.05	9	<0.5	<0.2
1116073	Soil		5	58	1.24	208	0.075	<1	2.21	0.018	0.05	<0.1	0.01	8.6	<0.1	<0.05	8	<0.5	<0.2
1116075	Soil		12	33	0.71	354	0.057	<1	1.74	0.022	0.05	0.1	0.04	4.7	<0.1	<0.05	5	<0.5	<0.2
1116077	Soil		12	29	0.59	342	0.060	1	1.51	0.022	0.05	0.2	0.05	4.2	<0.1	<0.05	4	<0.5	<0.2
1116081	Soil		13	30	0.60	352	0.057	2	1.45	0.022	0.06	0.2	0.03	3.7	<0.1	<0.05	4	<0.5	<0.2
1116080	Soil		12	29	0.56	335	0.055	<1	1.61	0.018	0.05	0.1	0.03	3.8	<0.1	<0.05	5	0.8	<0.2
1116078	Soil		13	30	0.58	370	0.054	<1	1.64	0.023	0.05	0.2	0.05	4.2	<0.1	<0.05	5	<0.5	<0.2
1116079	Soil		12	31	0.59	316	0.067	1	1.67	0.021	0.06	0.2	0.03	4.4	<0.1	<0.05	5	0.6	<0.2

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Project: CHA
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000131.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1116082	Soil		0.9	23.0	9.1	53	0.1	19.2	8.8	368	2.23	7.4	1.3	3.4	2.0	48	0.1	0.5	0.1	47	0.73	0.053
1116076	Soil		0.9	32.7	11.0	55	0.1	27.4	11.7	461	2.59	9.7	1.0	2.3	3.5	40	0.1	0.7	0.2	56	0.60	0.055
1127135	Soil		1.2	46.5	14.2	62	0.1	30.8	11.8	326	3.23	8.0	0.4	2.9	3.7	15	0.1	0.5	0.1	74	0.21	0.021
1127136	Soil		0.7	72.9	10.4	136	<0.1	21.0	12.8	408	4.23	3.8	0.7	1.8	5.7	21	<0.1	0.3	0.1	97	0.14	0.020
1127134	Soil		1.1	53.1	8.7	52	0.3	24.2	11.9	383	3.26	8.9	0.3	1.4	1.9	14	<0.1	0.5	0.1	75	0.16	0.027
1127139	Soil		0.6	40.7	14.6	54	<0.1	27.1	10.4	360	3.06	4.4	1.1	5.2	13.6	23	<0.1	0.4	0.1	47	0.42	0.031
1127137	Soil		0.8	51.0	14.3	88	<0.1	27.6	14.3	391	3.66	7.3	0.9	2.6	5.4	33	<0.1	0.6	0.2	82	0.44	0.021
1127138	Soil		0.7	26.5	12.6	59	<0.1	19.0	8.2	247	2.71	5.4	0.5	1.8	3.2	22	<0.1	0.4	0.2	64	0.31	0.017
1127140	Soil		1.5	20.1	20.2	51	<0.1	16.2	8.2	492	2.54	5.9	0.9	<0.5	11.3	12	<0.1	0.3	0.2	32	0.16	0.029
1127141	Soil		0.8	55.4	17.7	86	<0.1	83.3	19.6	354	4.78	8.0	0.9	<0.5	9.7	23	<0.1	0.4	0.1	71	0.39	0.088
1127142	Soil		1.0	22.7	13.1	64	<0.1	31.3	12.2	289	3.55	7.2	0.6	0.7	4.5	18	<0.1	0.4	0.2	80	0.26	0.018
1127143	Soil		0.8	5.6	9.3	33	<0.1	9.1	3.5	192	1.78	3.0	0.9	<0.5	7.5	19	<0.1	0.2	0.2	24	0.11	0.011
1127144	Soil		0.9	17.3	9.3	38	<0.1	15.2	6.8	360	2.12	5.3	1.2	0.9	10.3	24	<0.1	0.3	0.2	41	0.28	0.025
1127146	Soil		1.4	31.4	18.2	85	0.1	26.7	11.2	328	3.76	4.9	1.1	<0.5	12.1	10	0.4	0.3	0.3	47	0.10	0.035
1127145	Soil		1.0	27.4	13.1	85	<0.1	43.9	14.0	320	3.90	3.8	0.8	<0.5	7.2	14	0.1	0.2	0.1	63	0.12	0.023
1127147	Soil		4.4	66.5	33.9	116	0.4	59.8	11.9	582	2.74	1.5	1.5	1.0	8.4	19	0.5	0.1	0.4	66	0.33	0.060
1127148	Soil		2.4	24.0	11.8	105	<0.1	21.1	17.6	625	5.69	2.7	1.0	<0.5	6.8	22	<0.1	0.2	0.1	99	0.21	0.033
1127150	Soil		1.4	12.1	16.8	86	0.1	17.7	12.0	703	3.33	5.4	0.5	0.6	3.7	16	0.3	0.4	0.2	67	0.19	0.042
1127149	Soil		1.0	28.1	16.9	83	<0.1	43.2	19.5	321	4.62	3.6	0.6	<0.5	5.1	28	<0.1	0.2	0.1	98	0.37	0.041
1127151	Soil		0.9	153.8	7.5	156	<0.1	98.8	25.5	813	4.82	3.1	0.8	<0.5	2.7	32	0.1	0.2	0.1	112	0.43	0.022
1127152	Soil		0.6	34.5	11.5	92	0.2	58.1	17.5	562	3.52	2.5	0.7	<0.5	3.8	29	0.2	0.2	0.2	84	0.45	0.035
1127153	Soil		1.1	37.3	18.9	85	<0.1	50.1	14.8	450	4.10	3.5	3.1	<0.5	20.1	44	<0.1	0.3	0.4	58	0.29	0.048
1127154	Soil		0.7	37.4	11.8	59	0.1	33.1	12.5	362	2.99	8.4	0.8	1.9	7.3	77	<0.1	0.6	0.2	54	1.69	0.049
1127155	Soil		0.8	43.4	10.5	56	<0.1	34.3	12.3	201	2.75	5.7	1.4	1.8	12.5	20	<0.1	0.5	0.2	50	0.22	0.028
1127156	Soil		0.9	48.5	9.9	58	<0.1	35.4	13.2	209	3.01	6.1	1.6	<0.5	13.7	22	<0.1	0.5	0.2	53	0.23	0.029
1127126	Soil		0.6	34.7	9.0	63	<0.1	36.7	12.4	378	3.24	7.4	0.6	8.1	4.0	18	<0.1	0.4	0.1	80	0.19	0.027
1127127	Soil		0.6	49.6	7.7	71	<0.1	44.7	12.6	509	3.45	5.5	0.5	2.1	2.8	23	<0.1	0.3	0.1	81	0.20	0.032
1127125	Soil		1.2	29.1	10.5	62	<0.1	29.6	12.4	335	3.38	10.1	0.4	2.8	3.3	15	0.2	0.6	0.2	79	0.16	0.035
1127124	Soil		0.9	32.3	9.5	69	<0.1	26.4	12.2	468	3.16	9.5	0.6	1.9	3.7	22	0.2	0.5	0.2	71	0.19	0.042
1127128	Soil		0.8	33.3	9.8	61	0.1	29.5	10.7	354	3.50	9.3	0.5	0.9	3.5	16	0.2	0.6	0.2	78	0.15	0.030

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Project: CHA
Report Date: August 21, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1116082	Soil		11	26	0.53	321	0.042	1	1.42	0.018	0.05	0.2	0.04	3.4	<0.1	<0.05	4	<0.5	<0.2
1116076	Soil		12	30	0.63	357	0.059	1	1.61	0.023	0.05	0.2	0.04	4.2	<0.1	<0.05	5	<0.5	<0.2
1127135	Soil		9	44	0.82	150	0.094	<1	2.18	0.009	0.10	0.2	0.01	3.1	<0.1	<0.05	6	0.6	<0.2
1127136	Soil		14	40	1.33	133	0.151	<1	2.68	0.010	0.14	<0.1	0.01	4.9	0.1	<0.05	8	<0.5	<0.2
1127134	Soil		5	35	0.71	157	0.095	<1	2.33	0.009	0.07	0.1	0.02	2.7	<0.1	<0.05	6	<0.5	<0.2
1127139	Soil		38	31	0.52	192	0.050	<1	1.65	0.015	0.10	0.2	0.04	5.3	0.1	<0.05	5	<0.5	<0.2
1127137	Soil		16	45	0.92	278	0.108	<1	2.28	0.017	0.07	<0.1	0.02	5.8	<0.1	<0.05	7	<0.5	<0.2
1127138	Soil		9	28	0.66	198	0.074	<1	1.61	0.011	0.05	0.1	<0.01	2.9	<0.1	<0.05	5	<0.5	<0.2
1127140	Soil		34	18	0.26	142	0.017	<1	1.17	0.005	0.14	0.1	0.01	2.1	0.1	<0.05	4	<0.5	<0.2
1127141	Soil		26	95	1.25	207	0.086	<1	2.76	0.007	0.15	0.1	0.01	4.5	0.2	<0.05	9	<0.5	<0.2
1127142	Soil		11	57	0.88	171	0.057	<1	2.50	0.009	0.06	<0.1	<0.01	4.8	0.1	<0.05	8	<0.5	<0.2
1127143	Soil		9	18	0.31	108	0.026	<1	1.12	0.004	0.11	<0.1	<0.01	1.2	<0.1	<0.05	5	<0.5	<0.2
1127144	Soil		41	24	0.48	235	0.051	<1	1.32	0.010	0.08	0.1	0.02	2.6	<0.1	<0.05	5	<0.5	<0.2
1127146	Soil		12	34	0.57	118	0.062	<1	2.22	0.006	0.22	<0.1	<0.01	2.5	0.2	<0.05	8	<0.5	<0.2
1127145	Soil		11	58	1.17	149	0.211	<1	2.43	0.007	0.58	<0.1	<0.01	2.8	0.3	<0.05	9	<0.5	<0.2
1127147	Soil		27	51	1.37	410	0.088	<1	1.90	0.007	0.21	<0.1	0.02	5.0	0.3	<0.05	6	0.5	<0.2
1127148	Soil		16	76	1.84	316	0.400	1	3.90	0.010	0.94	0.1	<0.01	4.6	0.5	<0.05	12	<0.5	<0.2
1127150	Soil		9	32	0.58	240	0.085	<1	2.08	0.011	0.12	0.1	0.02	2.8	0.1	<0.05	8	<0.5	<0.2
1127149	Soil		9	121	1.63	384	0.235	<1	4.33	0.023	0.24	0.2	<0.01	5.3	0.2	<0.05	12	<0.5	<0.2
1127151	Soil		7	208	2.91	307	0.167	<1	3.57	0.015	0.07	0.1	<0.01	7.3	<0.1	<0.05	10	<0.5	<0.2
1127152	Soil		9	111	1.76	338	0.144	<1	2.81	0.017	0.27	<0.1	0.01	6.3	0.1	<0.05	9	<0.5	<0.2
1127153	Soil		68	61	1.14	169	0.119	<1	2.40	0.011	0.44	<0.1	0.01	5.2	0.4	<0.05	9	<0.5	<0.2
1127154	Soil		28	35	0.68	194	0.096	2	1.64	0.024	0.19	0.2	0.05	4.3	0.1	<0.05	5	<0.5	<0.2
1127155	Soil		48	35	0.67	112	0.074	<1	1.72	0.013	0.13	<0.1	<0.01	4.2	0.1	<0.05	5	<0.5	<0.2
1127156	Soil		54	36	0.72	115	0.078	<1	1.83	0.013	0.12	<0.1	0.02	4.9	<0.1	<0.05	5	<0.5	<0.2
1127126	Soil		11	59	0.98	237	0.150	2	2.40	0.009	0.11	0.1	0.01	3.4	0.1	<0.05	7	<0.5	<0.2
1127127	Soil		7	74	1.28	261	0.151	<1	2.41	0.008	0.25	<0.1	0.02	3.9	0.1	<0.05	8	<0.5	<0.2
1127125	Soil		10	39	0.71	229	0.111	<1	2.38	0.009	0.09	0.1	0.02	2.9	<0.1	<0.05	7	<0.5	<0.2
1127124	Soil		10	35	0.77	251	0.114	2	2.22	0.012	0.12	0.1	0.02	3.0	<0.1	<0.05	6	<0.5	<0.2
1127128	Soil		9	47	0.78	189	0.126	2	2.25	0.010	0.13	0.1	0.03	3.1	<0.1	<0.05	7	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1127129	Soil		0.5	57.9	5.4	71	<0.1	29.7	14.8	565	3.39	4.2	0.3	<0.5	1.6	22	0.1	0.3	<0.1	82	0.30	0.074
1127130	Soil		0.4	67.0	4.8	70	<0.1	28.6	12.9	621	2.79	2.9	0.7	3.8	3.2	26	<0.1	0.3	<0.1	61	0.32	0.059
1127131	Soil		0.4	110.0	3.8	79	<0.1	32.4	16.2	587	3.41	2.3	0.5	3.6	2.2	26	<0.1	0.2	<0.1	85	0.31	0.055
1127132	Soil		0.5	51.3	6.1	79	<0.1	39.9	13.7	615	3.48	3.9	0.5	<0.5	3.9	17	<0.1	0.3	<0.1	72	0.16	0.034
1127133	Soil		0.9	81.3	9.3	86	<0.1	37.8	16.3	1074	4.25	3.7	0.3	<0.5	1.4	22	0.1	0.3	0.1	88	0.23	0.050
1115280	Soil		0.8	38.1	11.2	65	0.1	42.8	12.9	429	3.52	7.1	1.1	2.8	4.6	20	<0.1	0.5	0.2	74	0.23	0.051
1115287	Soil		0.5	48.1	7.9	71	<0.1	44.5	12.7	489	3.30	2.1	0.6	<0.5	2.1	19	0.1	0.2	0.1	82	0.19	0.039
1115282	Soil		0.5	53.6	7.3	75	<0.1	37.5	15.2	809	3.49	3.1	0.4	<0.5	1.6	26	0.1	0.2	0.1	80	0.19	0.058
1115286	Soil		0.8	47.9	7.8	69	<0.1	29.5	12.1	465	3.38	6.0	0.7	1.6	3.9	25	<0.1	0.5	0.1	75	0.18	0.030
1115284	Soil		1.2	25.7	11.6	53	<0.1	19.1	8.6	356	3.51	7.8	0.5	<0.5	2.9	16	0.1	0.6	0.2	79	0.12	0.028
1115283	Soil		0.8	71.7	7.7	70	<0.1	15.6	15.5	838	4.05	4.8	0.3	10.4	1.4	19	0.1	0.4	0.2	126	0.24	0.075
1115285	Soil		1.2	27.4	14.2	65	<0.1	18.6	8.8	382	3.39	7.9	0.5	0.5	3.2	15	0.2	0.6	0.3	81	0.10	0.039
1115288	Soil		0.4	48.9	5.3	77	<0.1	41.0	13.5	763	3.18	3.3	0.3	<0.5	1.5	17	<0.1	0.2	<0.1	75	0.18	0.052
1122045	Soil		2.4	26.8	11.2	78	0.4	29.9	11.3	556	3.30	6.0	0.7	1.0	3.1	16	0.2	0.5	0.2	81	0.15	0.023
1115281	Soil		1.2	28.4	12.5	48	<0.1	22.2	9.5	346	3.06	9.8	1.5	2.6	5.4	18	<0.1	0.6	0.2	70	0.14	0.032
1115290	Soil		1.0	36.7	11.3	57	0.1	27.1	10.4	389	3.34	9.4	0.4	2.4	2.5	16	0.1	0.5	0.2	69	0.15	0.035
1115289	Soil		0.6	60.7	5.5	77	<0.1	36.8	14.4	1018	3.10	3.0	0.4	1.3	1.3	24	0.1	0.2	<0.1	70	0.16	0.050
1115296	Soil		1.2	80.3	33.1	121	0.5	31.0	17.0	683	3.58	6.6	1.1	3.5	4.3	37	0.3	0.6	0.5	75	0.96	0.056
1115299	Soil		1.2	37.0	21.6	78	<0.1	34.4	12.3	288	4.47	8.3	1.2	<0.5	11.4	13	<0.1	0.4	0.2	62	0.10	0.025
1115297	Soil		1.3	44.9	28.1	90	0.2	44.3	13.2	393	3.27	4.1	2.3	1.3	12.3	25	0.2	0.4	0.2	39	0.74	0.060
1115294	Soil		1.0	19.4	9.1	52	<0.1	14.4	7.7	260	2.58	6.4	0.4	2.6	2.2	19	0.2	0.3	0.2	69	0.25	0.025
1115298	Soil		1.3	34.9	25.1	73	<0.1	45.1	14.5	395	3.54	7.7	1.0	0.6	4.9	17	0.1	0.4	0.2	72	0.23	0.037
1115291	Soil		0.7	89.5	6.9	76	<0.1	34.5	16.4	757	3.50	6.6	0.6	12.3	3.2	23	0.1	0.4	0.1	76	0.22	0.049
1115293	Soil		1.2	109.7	10.7	75	<0.1	27.8	18.9	719	4.60	8.6	0.4	1.1	1.6	86	<0.1	0.4	0.1	115	0.42	0.045
1115292	Soil		1.2	20.8	11.1	36	<0.1	14.1	6.2	232	2.23	5.5	0.5	1.9	3.0	17	0.1	0.5	0.2	64	0.07	0.017
1115295	Soil		1.1	71.3	30.6	102	0.4	27.3	15.6	683	3.22	6.4	1.3	2.7	3.7	39	0.4	0.5	0.4	69	1.16	0.055
1122035	Soil		1.4	36.8	24.3	87	<0.1	35.6	13.8	405	4.49	6.1	1.2	<0.5	10.4	23	<0.1	0.3	0.2	51	0.29	0.045
1115300	Soil		0.7	35.4	22.2	84	<0.1	38.3	14.5	433	3.70	5.5	1.4	0.9	13.6	19	<0.1	0.4	0.1	50	0.22	0.022
1122044	Soil		2.9	42.2	29.9	107	0.2	45.2	13.8	405	3.42	6.6	2.5	1.7	12.2	27	0.3	0.7	0.3	51	0.21	0.031
1122037	Soil		1.2	34.3	16.7	62	<0.1	28.5	11.2	304	3.07	6.7	1.1	0.8	7.4	19	<0.1	0.5	0.2	54	0.18	0.020

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

Project: CHA
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000131.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1127129	Soil		5	38	1.31	282	0.163	<1	2.16	0.011	0.33	<0.1	0.01	2.7	0.1	<0.05	7	<0.5	<0.2
1127130	Soil		10	34	1.21	229	0.110	<1	2.08	0.011	0.10	<0.1	0.01	3.5	<0.1	<0.05	7	<0.5	<0.2
1127131	Soil		7	36	1.48	298	0.163	<1	2.37	0.018	0.18	<0.1	0.01	3.8	<0.1	<0.05	7	<0.5	<0.2
1127132	Soil		8	105	1.32	244	0.156	<1	2.45	0.007	0.24	<0.1	0.01	2.8	0.2	<0.05	7	<0.5	<0.2
1127133	Soil		4	51	1.34	223	0.121	<1	2.67	0.010	0.11	<0.1	0.02	3.5	<0.1	<0.05	8	<0.5	<0.2
1115280	Soil		12	67	1.01	216	0.137	1	2.32	0.010	0.17	0.1	0.03	3.9	0.1	<0.05	7	<0.5	<0.2
1115287	Soil		9	78	1.44	291	0.197	<1	2.20	0.012	0.36	<0.1	0.02	3.2	0.1	<0.05	9	<0.5	<0.2
1115282	Soil		6	62	1.34	300	0.162	<1	2.19	0.007	0.36	<0.1	0.01	2.4	0.2	<0.05	7	<0.5	<0.2
1115286	Soil		10	48	1.04	272	0.133	<1	2.36	0.011	0.15	0.1	0.01	3.3	0.1	<0.05	7	<0.5	<0.2
1115284	Soil		10	32	0.56	147	0.092	<1	1.84	0.007	0.10	0.1	0.03	2.8	<0.1	<0.05	8	<0.5	<0.2
1115283	Soil		4	21	1.13	225	0.208	<1	1.98	0.014	0.28	0.2	0.02	4.8	0.1	<0.05	9	<0.5	<0.2
1115285	Soil		10	32	0.48	178	0.074	1	2.20	0.007	0.07	0.1	0.02	3.1	<0.1	<0.05	8	<0.5	<0.2
1115288	Soil		4	66	1.38	356	0.190	1	1.83	0.006	0.43	<0.1	0.01	1.8	0.1	<0.05	7	0.6	<0.2
1122045	Soil		12	51	0.58	282	0.043	<1	1.48	0.010	0.08	0.2	0.02	3.3	<0.1	<0.05	6	1.0	<0.2
1115281	Soil		17	43	0.53	202	0.098	2	2.44	0.015	0.05	0.2	0.05	6.5	<0.1	<0.05	7	<0.5	<0.2
1115290	Soil		6	37	0.66	179	0.078	<1	2.43	0.007	0.09	0.1	0.04	2.4	<0.1	<0.05	6	0.6	<0.2
1115289	Soil		6	50	1.42	437	0.148	<1	2.03	0.006	0.27	<0.1	<0.01	2.4	<0.1	<0.05	7	<0.5	<0.2
1115296	Soil		19	40	1.11	422	0.051	2	2.10	0.013	0.06	0.1	0.05	7.2	<0.1	0.06	6	1.0	<0.2
1115299	Soil		19	45	0.81	144	0.088	<1	2.23	0.007	0.20	0.1	0.01	2.9	0.2	<0.05	8	<0.5	<0.2
1115297	Soil		35	64	0.74	173	0.026	2	1.74	0.007	0.16	<0.1	0.03	4.1	0.2	0.05	6	0.7	<0.2
1115294	Soil		8	24	0.57	212	0.064	<1	1.31	0.008	0.07	0.2	0.03	2.8	<0.1	<0.05	6	<0.5	<0.2
1115298	Soil		16	63	0.99	151	0.082	<1	2.00	0.008	0.16	<0.1	0.02	3.4	0.2	<0.05	8	0.6	<0.2
1115291	Soil		9	39	1.13	320	0.104	1	2.36	0.008	0.16	0.1	0.03	3.3	0.1	<0.05	7	<0.5	<0.2
1115293	Soil		4	40	1.51	232	0.103	<1	2.92	0.009	0.06	0.1	0.02	5.3	<0.1	<0.05	8	<0.5	<0.2
1115292	Soil		13	20	0.35	148	0.054	<1	1.47	0.005	0.04	<0.1	0.02	1.9	0.1	<0.05	7	<0.5	<0.2
1115295	Soil		17	38	1.06	440	0.045	2	2.03	0.013	0.06	0.1	0.07	6.5	<0.1	0.06	6	0.7	<0.2
1122035	Soil		20	44	0.91	93	0.097	<1	2.35	0.006	0.36	<0.1	<0.01	2.5	0.3	<0.05	7	<0.5	<0.2
1115300	Soil		47	46	1.00	161	0.120	1	1.95	0.008	0.30	<0.1	0.02	3.4	0.3	<0.05	7	0.6	<0.2
1122044	Soil		32	40	0.57	420	0.030	<1	1.80	0.006	0.08	0.2	0.02	4.0	0.1	<0.05	5	0.7	<0.2
1122037	Soil		19	37	0.62	167	0.076	<1	1.75	0.009	0.07	<0.1	0.02	3.2	<0.1	<0.05	5	0.5	<0.2

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Project: CHA
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000131.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1122039	Soil	1.0	23.5	21.2	62	0.1	33.2	10.8	254	3.24	6.6	0.7	1.3	6.0	16	<0.1	0.5	0.2	61	0.16	0.023
1122041	Soil	0.8	28.0	22.9	68	<0.1	29.9	10.1	201	3.29	4.3	0.6	9.3	9.6	8	<0.1	0.3	0.2	45	0.07	0.018
1122038	Soil	1.0	29.7	18.3	62	<0.1	29.2	13.0	311	3.06	6.2	1.2	1.1	7.6	26	<0.1	0.5	0.1	57	0.30	0.018
1122040	Soil	1.1	15.4	21.3	44	<0.1	19.2	7.0	222	2.39	4.5	0.8	1.6	6.5	18	<0.1	0.3	0.2	51	0.22	0.015
1122042	Soil	0.9	23.9	21.4	51	0.1	21.3	8.3	282	2.43	12.2	0.5	<0.5	6.9	16	<0.1	0.7	0.2	40	0.22	0.029
1122043	Soil	1.2	23.6	18.4	56	0.1	27.7	9.4	223	3.01	5.3	0.6	2.1	7.2	12	<0.1	0.3	0.2	53	0.13	0.014
1122036	Soil	1.4	32.8	24.1	68	<0.1	29.5	11.3	282	3.65	6.5	1.1	1.5	8.6	14	<0.1	0.5	0.2	61	0.11	0.020
1068235	Soil	1.4	46.0	13.6	86	0.3	39.1	11.6	408	3.19	14.4	1.2	2.1	6.1	21	0.2	0.9	0.2	68	0.28	0.029
1068237	Soil	1.3	50.7	25.2	65	0.1	43.3	11.9	459	2.73	14.5	1.2	2.9	6.2	29	0.1	0.6	0.2	58	0.45	0.047
1068238	Soil	1.3	32.3	16.6	84	0.1	34.9	10.1	361	3.48	13.9	0.6	0.7	2.9	17	0.1	0.3	0.2	74	0.17	0.057
1068236	Soil	2.7	96.1	15.0	97	0.2	71.0	10.9	407	3.68	24.6	2.9	4.1	7.4	29	0.1	0.3	0.3	96	0.25	0.051
1126137	Soil	0.8	66.7	11.2	78	<0.1	33.1	14.1	807	3.33	6.6	0.9	4.0	4.1	26	0.1	0.4	0.2	80	0.30	0.049
1126140	Soil	0.8	113.4	14.0	90	<0.1	20.8	19.3	1520	4.60	3.7	0.7	3.9	4.0	44	<0.1	0.9	0.3	91	0.13	0.037
1126144	Soil	1.2	40.8	14.1	53	0.2	20.9	8.7	331	3.32	9.2	1.5	1.9	5.2	22	<0.1	0.6	0.2	73	0.23	0.052
1113650	Soil	0.8	66.7	24.8	82	<0.1	75.7	22.4	778	4.41	3.1	0.5	<0.5	3.4	10	<0.1	0.2	0.2	118	0.19	0.041
1126139	Soil	0.8	73.2	12.4	78	<0.1	50.8	16.8	666	5.14	3.1	0.4	<0.5	3.4	12	<0.1	0.3	0.1	108	0.10	0.043
1126138	Soil	1.0	36.9	10.7	48	0.2	16.8	8.3	313	3.34	7.2	0.4	2.4	1.8	14	0.1	0.6	0.2	87	0.14	0.045
1126141	Soil	0.7	53.0	9.5	76	<0.1	40.5	14.5	647	3.66	5.9	1.5	2.8	7.2	18	<0.1	0.5	0.1	83	0.26	0.058
1126145	Soil	1.2	27.1	11.3	69	<0.1	39.0	13.2	362	3.85	13.9	0.4	2.1	2.4	13	0.2	0.6	0.2	91	0.15	0.035
1126142	Soil	0.9	56.4	12.9	71	0.1	35.4	13.8	666	3.49	13.5	0.8	2.3	3.9	23	0.1	0.4	0.2	79	0.34	0.041
1126147	Soil	1.1	13.9	10.9	40	<0.1	17.9	5.8	190	2.88	10.9	0.3	1.6	1.5	9	<0.1	0.4	0.2	87	0.08	0.033
1126146	Soil	0.7	24.7	11.7	22	<0.1	19.9	4.6	111	1.76	6.0	0.6	1.2	0.3	12	<0.1	0.2	0.2	57	0.09	0.055
1126143	Soil	0.9	64.0	11.4	89	<0.1	56.5	15.5	711	4.37	11.0	0.4	<0.5	2.8	15	<0.1	0.3	0.2	104	0.18	0.049
1126136	Soil	0.8	63.8	9.7	72	<0.1	36.2	13.5	379	4.12	8.6	0.5	1.7	2.9	28	0.1	0.2	0.2	100	0.15	0.039
1126148	Soil	0.9	43.4	10.2	77	<0.1	39.3	12.8	426	3.71	14.2	0.7	0.8	3.7	14	0.2	0.5	0.2	80	0.16	0.040
1126149	Soil	0.6	35.4	11.3	59	<0.1	31.3	12.2	431	3.34	11.0	0.6	1.9	3.0	14	0.1	0.4	0.2	72	0.19	0.045
1113641	Soil	0.5	5.2	4.2	16	<0.1	1.8	2.1	121	1.07	6.0	0.2	<0.5	<0.1	7	0.1	0.1	<0.1	28	0.06	0.028
1113645	Soil	1.3	39.7	9.6	60	0.2	29.8	13.1	426	3.36	13.1	1.7	2.3	5.0	19	0.2	0.6	0.2	81	0.14	0.041
1113643	Soil	1.1	38.4	10.1	53	0.1	26.4	14.4	343	3.82	15.0	0.8	1.5	4.1	14	0.2	0.6	0.2	82	0.14	0.030
1113644	Soil	1.1	23.3	8.8	46	0.1	24.9	10.5	263	3.11	14.0	0.6	0.8	3.4	13	0.2	0.5	0.2	71	0.13	0.029

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1122039	Soil	16	44	0.70	159	0.080	1	2.06	0.007	0.11	0.1	0.02	2.5	0.2	<0.05	7	<0.5	<0.2
1122041	Soil	24	35	0.58	87	0.050	<1	1.83	0.005	0.14	<0.1	<0.01	2.2	0.2	<0.05	6	<0.5	<0.2
1122038	Soil	23	43	0.69	237	0.082	<1	1.87	0.010	0.07	<0.1	0.02	4.2	<0.1	<0.05	5	0.5	<0.2
1122040	Soil	22	29	0.43	156	0.061	<1	1.45	0.008	0.09	<0.1	0.01	2.2	0.1	<0.05	6	0.5	<0.2
1122042	Soil	22	28	0.44	80	0.038	<1	1.17	0.005	0.12	0.1	<0.01	1.7	<0.1	<0.05	5	<0.5	<0.2
1122043	Soil	17	37	0.61	106	0.051	<1	1.76	0.005	0.07	0.1	0.01	2.0	0.1	<0.05	7	0.5	<0.2
1122036	Soil	22	42	0.66	127	0.091	5	2.03	0.007	0.12	0.1	0.01	2.7	0.2	<0.05	7	0.7	<0.2
1068235	Soil	18	46	0.79	436	0.058	<1	1.77	0.011	0.08	0.1	0.02	5.1	<0.1	<0.05	6	<0.5	<0.2
1068237	Soil	21	53	0.65	282	0.067	1	1.50	0.023	0.07	0.1	0.04	4.9	<0.1	<0.05	5	0.6	<0.2
1068238	Soil	6	54	1.01	183	0.120	<1	2.09	0.010	0.22	0.1	0.02	2.1	0.2	<0.05	7	<0.5	<0.2
1068236	Soil	28	125	1.18	671	0.125	<1	1.89	0.011	0.32	<0.1	0.01	5.7	0.2	0.14	7	1.6	<0.2
1126137	Soil	16	40	1.04	535	0.127	<1	2.23	0.011	0.20	0.1	0.02	5.1	0.1	<0.05	7	<0.5	<0.2
1126140	Soil	16	21	1.26	352	0.020	<1	2.98	0.007	0.14	<0.1	0.02	5.7	0.3	<0.05	10	<0.5	<0.2
1126144	Soil	18	40	0.50	338	0.077	2	2.30	0.012	0.05	0.2	0.05	4.7	0.1	<0.05	7	0.5	<0.2
1113650	Soil	8	136	2.09	144	0.186	<1	3.39	0.007	0.09	<0.1	0.02	7.2	<0.1	<0.05	12	0.6	<0.2
1126139	Soil	11	75	1.65	114	0.103	<1	3.02	0.007	0.18	<0.1	<0.01	4.7	0.1	<0.05	10	<0.5	<0.2
1126138	Soil	8	30	0.63	115	0.088	2	1.73	0.010	0.06	<0.1	0.03	3.4	<0.1	<0.05	7	<0.5	<0.2
1126141	Soil	20	63	1.12	291	0.115	1	2.29	0.009	0.13	0.1	0.03	7.4	0.1	<0.05	7	<0.5	<0.2
1126145	Soil	8	59	0.91	145	0.107	2	2.21	0.010	0.10	0.2	0.03	3.3	<0.1	<0.05	8	<0.5	<0.2
1126142	Soil	15	50	0.92	348	0.058	1	2.41	0.012	0.07	0.1	0.02	5.3	<0.1	<0.05	7	<0.5	<0.2
1126147	Soil	8	37	0.46	66	0.124	<1	1.45	0.005	0.05	0.1	0.02	1.9	<0.1	<0.05	9	<0.5	<0.2
1126146	Soil	9	44	0.40	168	0.088	1	1.20	0.008	0.10	<0.1	0.03	1.6	<0.1	<0.05	7	<0.5	<0.2
1126143	Soil	9	79	1.54	160	0.096	<1	2.69	0.006	0.14	0.1	0.02	4.4	<0.1	<0.05	10	<0.5	<0.2
1126136	Soil	11	55	1.25	235	0.144	2	2.83	0.007	0.28	<0.1	0.01	4.8	0.1	<0.05	11	<0.5	<0.2
1126148	Soil	11	48	1.03	182	0.103	1	2.47	0.010	0.12	0.1	0.01	4.1	0.1	<0.05	7	<0.5	<0.2
1126149	Soil	11	45	0.83	178	0.076	1	2.10	0.007	0.11	0.1	0.02	3.6	<0.1	<0.05	7	<0.5	<0.2
1113641	Soil	2	6	0.09	35	0.037	<1	0.58	0.018	0.02	<0.1	0.01	0.6	<0.1	<0.05	4	<0.5	<0.2
1113645	Soil	17	42	0.64	495	0.082	2	2.58	0.014	0.05	0.2	0.05	6.7	0.1	<0.05	7	<0.5	<0.2
1113643	Soil	10	48	0.67	1063	0.126	2	2.90	0.013	0.12	0.2	0.05	4.7	<0.1	<0.05	7	0.5	<0.2
1113644	Soil	9	41	0.56	383	0.088	1	2.33	0.011	0.07	0.1	0.04	3.6	<0.1	<0.05	7	0.5	<0.2

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Project: CHA
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000131.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1113639	Soil	1.0	31.7	9.1	86	<0.1	27.9	14.4	434	3.22	14.2	0.9	4.2	3.9	20	0.3	0.4	0.2	86	0.28	0.070
1113642	Soil	1.4	19.9	9.7	54	0.1	18.9	9.8	346	3.14	13.5	0.5	2.1	3.6	16	0.1	0.6	0.2	80	0.14	0.022
1113640	Soil	0.8	11.5	6.9	28	<0.1	6.5	3.7	115	1.62	7.1	0.4	2.0	0.8	10	0.1	0.2	0.2	44	0.07	0.026
1113638	Soil	1.2	25.2	9.0	76	<0.1	25.7	11.9	400	3.22	13.9	0.7	2.4	3.7	19	0.4	0.5	0.3	74	0.22	0.047
1113634	Soil	0.5	99.0	9.6	80	<0.1	21.1	15.1	505	3.81	12.2	0.6	2.5	3.4	52	0.1	0.3	0.6	85	0.35	0.053
1113636	Soil	1.0	29.8	10.5	74	0.1	25.8	11.1	381	3.40	14.1	0.9	2.2	4.8	17	0.2	0.5	0.2	76	0.20	0.040
1113635	Soil	1.0	10.8	12.7	28	0.3	8.5	1.6	107	0.73	6.1	0.3	<0.5	<0.1	17	0.2	0.2	0.1	21	0.08	0.040
1113646	Soil	0.3	93.6	2.6	43	<0.1	9.2	31.7	355	3.90	7.8	0.1	<0.5	0.6	15	<0.1	0.2	<0.1	189	0.25	0.020
1113637	Soil	1.2	49.3	9.8	105	0.3	17.5	12.8	753	2.64	10.4	0.9	0.8	2.7	16	0.5	0.2	0.2	71	0.25	0.034
1113649	Soil	1.0	45.7	12.8	128	0.4	23.9	13.0	423	3.74	13.3	0.8	2.7	4.0	18	0.1	0.4	0.2	89	0.15	0.034
1113648	Soil	1.4	56.1	13.9	95	<0.1	19.2	8.4	228	3.36	7.8	0.7	1.0	6.7	13	0.1	0.2	0.3	34	0.08	0.032
1113647	Soil	1.1	13.1	8.7	43	0.1	6.1	4.3	273	1.86	7.5	0.4	1.2	0.6	14	0.1	0.3	0.2	55	0.16	0.055
1118929	Soil	1.0	47.2	14.4	97	0.1	43.0	15.8	525	4.41	12.9	1.3	3.0	6.4	23	<0.1	0.8	0.2	67	0.42	0.037
1118924	Soil	0.5	26.4	9.5	62	<0.1	21.4	14.6	454	3.38	9.6	0.7	0.6	4.3	26	0.1	0.6	0.1	50	0.57	0.045
1118925	Soil	0.7	26.4	10.6	42	0.1	21.6	12.6	390	2.98	13.4	1.0	1.8	2.7	42	<0.1	0.4	0.1	60	0.88	0.041
1118926	Soil	1.1	11.5	17.9	48	<0.1	10.8	6.0	177	2.41	12.6	0.4	<0.5	2.6	16	0.1	0.5	0.2	58	0.20	0.023
1118922	Soil	0.3	16.3	7.7	74	<0.1	7.2	9.5	313	3.47	8.7	0.6	<0.5	4.0	14	<0.1	0.2	<0.1	45	0.20	0.060
1118923	Soil	0.5	30.1	15.0	67	<0.1	13.2	13.7	688	3.68	7.3	0.7	<0.5	5.2	14	<0.1	0.5	<0.1	51	0.38	0.048
1118920	Soil	0.5	12.7	6.4	70	<0.1	12.6	10.5	1408	3.33	7.3	0.6	<0.5	6.0	26	0.2	0.2	<0.1	67	0.25	0.076
1118919	Soil	0.6	12.6	7.8	78	<0.1	6.9	8.3	414	4.32	8.3	0.4	<0.5	2.7	11	<0.1	0.3	<0.1	70	0.15	0.041
1118916	Soil	0.7	26.5	11.1	59	<0.1	20.0	9.0	363	2.83	13.2	0.7	6.0	4.0	30	<0.1	0.6	0.1	57	0.35	0.026
1118921	Soil	0.6	24.3	10.0	67	<0.1	16.1	10.9	308	3.34	11.4	0.4	<0.5	3.2	12	<0.1	0.5	0.1	73	0.11	0.025
1118917	Soil	0.7	32.4	11.3	78	<0.1	19.1	13.3	374	3.37	11.3	0.7	3.0	3.9	23	<0.1	0.7	0.2	68	0.20	0.022
1118918	Soil	1.2	15.9	11.2	71	<0.1	16.8	9.1	347	3.70	13.1	0.5	<0.5	3.0	12	0.1	0.6	0.2	72	0.11	0.035
1118915	Soil	0.6	21.7	11.2	56	<0.1	15.7	10.2	337	2.71	5.0	0.6	6.0	4.0	21	<0.1	0.6	0.1	45	0.30	0.029
1118914	Soil	1.0	35.7	12.5	71	<0.1	30.1	12.7	509	3.24	9.5	0.9	3.9	4.4	33	0.1	0.8	0.2	61	0.44	0.045
1118909	Soil	0.8	23.2	11.8	60	<0.1	23.7	13.5	295	3.73	9.7	0.7	3.6	4.9	17	0.1	0.9	0.1	70	0.19	0.019
1118913	Soil	1.0	18.3	13.4	48	<0.1	20.4	10.1	380	2.82	8.7	0.8	3.4	4.3	21	<0.1	1.2	0.1	49	0.28	0.028
1118912	Soil	0.6	18.8	11.2	63	<0.1	17.8	17.4	501	4.49	7.1	0.9	1.7	5.0	21	<0.1	1.8	0.1	55	0.29	0.032
1118910	Soil	1.0	25.4	14.9	56	<0.1	27.5	13.2	369	3.38	10.0	0.7	3.5	5.9	25	<0.1	0.7	0.2	63	0.38	0.025

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Project: CHA
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000131.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1113639	Soil		14	40	0.96	336	0.096	2	2.31	0.011	0.11	0.2	0.02	4.7	0.1	<0.05	6	0.6	<0.2
1113642	Soil		10	32	0.56	214	0.073	1	2.28	0.010	0.09	0.1	0.02	3.9	<0.1	<0.05	7	<0.5	<0.2
1113640	Soil		8	15	0.26	75	0.062	<1	1.01	0.009	0.04	<0.1	0.02	1.6	<0.1	<0.05	6	<0.5	<0.2
1113638	Soil		14	43	0.78	252	0.070	2	2.20	0.011	0.06	0.2	0.03	5.0	<0.1	<0.05	6	0.6	<0.2
1113634	Soil		12	85	1.96	538	0.160	<1	3.30	0.014	0.55	0.1	0.02	7.8	0.3	<0.05	9	<0.5	<0.2
1113636	Soil		13	40	0.71	204	0.080	1	2.23	0.009	0.11	0.1	0.03	4.9	0.1	<0.05	7	<0.5	<0.2
1113635	Soil		3	16	0.07	46	0.020	1	0.47	0.013	0.04	<0.1	0.05	0.3	<0.1	<0.05	3	<0.5	<0.2
1113646	Soil		2	31	1.72	228	0.204	<1	2.14	0.031	0.42	<0.1	<0.01	8.4	0.2	<0.05	5	<0.5	<0.2
1113637	Soil		19	32	0.60	332	0.074	<1	1.93	0.018	0.08	<0.1	0.03	4.5	0.2	<0.05	7	<0.5	<0.2
1113649	Soil		10	48	0.87	261	0.107	1	3.05	0.011	0.10	0.1	0.07	5.8	0.2	<0.05	8	<0.5	<0.2
1113648	Soil		17	19	0.72	149	0.034	<1	1.94	0.007	0.14	<0.1	<0.01	2.6	0.2	<0.05	5	<0.5	<0.2
1113647	Soil		9	14	0.28	109	0.064	<1	0.98	0.009	0.11	<0.1	0.02	1.5	<0.1	<0.05	7	<0.5	<0.2
1118929	Soil		24	57	0.89	1295	0.061	1	2.22	0.010	0.16	0.1	0.08	11.0	0.1	<0.05	6	<0.5	<0.2
1118924	Soil		13	31	0.42	817	0.019	<1	1.32	0.013	0.10	<0.1	0.03	7.9	<0.1	<0.05	4	<0.5	<0.2
1118925	Soil		11	25	0.34	1040	0.029	<1	1.58	0.016	0.08	0.1	0.04	6.5	<0.1	<0.05	4	<0.5	<0.2
1118926	Soil		11	20	0.28	367	0.025	<1	1.56	0.009	0.11	<0.1	0.01	2.5	<0.1	<0.05	6	<0.5	<0.2
1118922	Soil		14	17	0.74	553	0.047	1	1.90	0.007	0.32	<0.1	<0.01	3.8	0.1	<0.05	7	<0.5	<0.2
1118923	Soil		16	27	0.50	1091	0.014	<1	1.57	0.008	0.15	<0.1	0.02	14.9	<0.1	<0.05	5	<0.5	<0.2
1118920	Soil		14	23	0.67	531	0.059	<1	1.60	0.008	0.26	<0.1	0.01	4.4	0.1	<0.05	8	<0.5	<0.2
1118919	Soil		5	18	0.70	167	0.201	<1	2.22	0.007	0.09	0.1	0.02	3.5	<0.1	<0.05	11	<0.5	<0.2
1118916	Soil		17	33	0.55	647	0.052	1	1.79	0.015	0.08	0.1	0.03	6.5	<0.1	<0.05	5	<0.5	<0.2
1118921	Soil		12	41	0.81	418	0.049	1	2.27	0.006	0.15	<0.1	<0.01	4.6	0.1	<0.05	7	<0.5	<0.2
1118917	Soil		17	37	0.86	605	0.078	<1	2.28	0.010	0.15	<0.1	0.02	5.3	0.1	<0.05	7	<0.5	<0.2
1118918	Soil		10	31	0.67	261	0.053	1	2.66	0.007	0.15	0.1	0.02	3.7	0.1	<0.05	8	<0.5	<0.2
1118915	Soil		13	23	0.50	641	0.026	<1	1.39	0.011	0.09	<0.1	0.02	4.2	<0.1	<0.05	4	<0.5	<0.2
1118914	Soil		15	41	0.68	1232	0.044	<1	1.82	0.018	0.08	0.2	0.05	6.7	<0.1	<0.05	5	<0.5	<0.2
1118909	Soil		13	38	0.69	358	0.047	<1	2.20	0.009	0.10	0.1	0.02	4.7	0.1	<0.05	6	<0.5	<0.2
1118913	Soil		13	30	0.46	668	0.033	1	1.29	0.013	0.06	<0.1	0.02	4.1	<0.1	<0.05	4	<0.5	<0.2
1118912	Soil		12	25	0.42	1045	0.011	<1	1.51	0.010	0.10	<0.1	0.02	8.0	<0.1	<0.05	3	<0.5	<0.2
1118910	Soil		17	41	0.67	1283	0.063	<1	1.81	0.020	0.09	0.1	0.03	6.7	<0.1	<0.05	5	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1118911	Soil	1.1	22.6	12.1	59	<0.1	20.5	13.1	285	3.75	10.1	0.7	2.9	5.2	17	<0.1	1.0	0.2	67	0.18	0.020
1118931	Soil	0.6	13.8	16.7	89	<0.1	36.7	14.8	425	3.55	7.2	0.6	2.9	4.0	35	0.2	1.6	0.2	63	2.67	0.038
1118908	Soil	0.6	33.5	11.3	65	0.1	23.2	15.2	544	3.70	6.9	1.0	1.0	5.8	26	<0.1	0.6	0.1	74	0.38	0.028
1118928	Soil	1.1	25.0	12.0	57	<0.1	23.2	11.6	309	3.30	10.1	0.7	2.0	5.2	18	0.1	0.5	0.2	67	0.20	0.018
1118930	Soil	0.5	23.0	13.3	55	<0.1	28.9	11.6	625	2.74	10.0	0.5	5.0	3.6	34	0.1	0.6	0.2	63	0.87	0.030
1118927	Soil	1.5	60.1	15.7	69	<0.1	24.1	12.8	327	4.42	7.0	0.9	<0.5	7.9	14	<0.1	0.7	0.2	63	0.16	0.045
1118938	Soil	1.1	16.2	8.7	92	<0.1	32.3	15.0	372	4.34	7.3	0.5	<0.5	6.2	14	<0.1	0.3	0.1	80	0.24	0.042
1118939	Soil	1.0	10.5	12.3	58	<0.1	20.1	9.0	429	2.97	8.5	0.4	1.7	3.4	21	0.2	0.4	0.2	68	0.37	0.020
1118940	Soil	0.9	35.6	9.1	58	<0.1	18.7	12.7	268	3.67	8.4	0.3	1.4	2.2	20	<0.1	0.5	0.1	79	0.27	0.027
1118933	Soil	0.7	20.1	14.1	82	<0.1	33.3	17.4	621	4.40	6.2	0.9	<0.5	6.0	17	<0.1	1.4	0.2	59	0.55	0.035
1118937	Soil	1.2	21.7	16.5	69	<0.1	24.5	11.9	388	3.19	8.3	0.5	1.5	2.9	26	0.2	0.6	0.2	80	0.54	0.022
1118936	Soil	6.5	149.4	18.0	179	0.1	82.4	31.3	327	6.71	47.8	2.2	1.0	7.6	23	0.2	1.5	0.2	203	0.49	0.139
1118935	Soil	6.5	140.4	18.4	171	0.1	77.7	31.5	336	6.79	45.9	2.2	1.0	7.5	23	0.2	1.5	0.2	202	0.53	0.155
1118934	Soil	2.2	25.8	16.3	52	<0.1	23.6	10.8	323	3.43	11.6	0.7	2.1	7.3	13	<0.1	0.9	0.2	56	0.22	0.025
1118932	Soil	2.0	31.8	16.6	59	<0.1	24.0	14.9	238	3.21	10.8	0.8	<0.5	7.1	13	<0.1	0.9	0.2	47	0.15	0.020
1119010	Soil	1.2	72.2	10.7	52	<0.1	22.1	13.4	356	3.43	8.2	0.4	1.9	2.4	16	<0.1	0.8	0.1	89	0.19	0.029
1119003	Soil	1.2	15.4	11.5	46	<0.1	18.1	8.1	236	3.17	10.8	0.7	1.8	3.5	12	0.2	0.7	0.2	67	0.13	0.029
1119021	Soil	0.8	21.5	8.9	63	<0.1	15.8	13.9	444	3.84	12.4	0.5	4.1	2.3	19	<0.1	0.9	0.1	93	0.20	0.027
1119014	Soil	0.8	57.2	9.3	43	0.1	16.6	7.4	178	2.34	7.3	0.7	8.2	0.5	22	0.1	0.4	0.2	61	0.31	0.046
1119018	Soil	1.1	54.7	10.8	61	0.1	23.0	12.6	367	3.44	9.6	0.6	2.3	3.6	19	0.2	0.6	0.2	81	0.23	0.044
1119017	Soil	1.1	72.0	8.4	62	<0.1	22.0	13.9	382	3.74	6.9	0.3	1.2	2.1	20	0.1	0.6	0.1	99	0.20	0.026
1119020	Soil	0.6	25.4	6.1	62	<0.1	14.6	20.0	551	3.99	4.1	0.3	1.2	2.3	21	<0.1	0.5	<0.1	97	0.22	0.033
1119023	Soil	0.8	16.4	8.7	51	<0.1	6.6	11.0	345	2.47	3.0	0.3	0.9	0.9	30	0.1	0.4	0.1	80	0.22	0.027
1119005	Soil	1.5	19.1	13.7	47	0.1	16.6	8.0	236	2.96	8.5	0.9	1.0	1.5	17	0.2	0.4	0.2	67	0.17	0.037
1119012	Soil	1.4	29.5	11.3	51	<0.1	21.5	9.6	244	3.46	12.3	0.6	2.7	3.1	16	<0.1	0.6	0.2	80	0.18	0.032
1119006	Soil	0.8	19.5	8.3	64	<0.1	16.6	13.7	495	3.34	6.9	0.6	1.6	4.7	19	<0.1	0.4	0.1	74	0.25	0.028
1119011	Soil	1.1	58.2	13.9	50	<0.1	23.0	13.5	447	3.17	11.2	0.6	1.5	2.7	15	0.1	1.2	0.2	66	0.16	0.028
1119025	Soil	1.0	74.3	6.2	69	<0.1	10.8	29.2	609	5.54	15.4	1.0	1.0	3.3	23	0.1	0.9	1.1	95	0.27	0.032
1119031	Soil	1.2	28.2	10.5	56	<0.1	20.5	11.3	344	3.27	11.6	0.8	3.0	2.1	18	0.1	0.6	0.2	71	0.22	0.062
1119033	Soil	2.0	83.4	9.5	123	0.2	23.8	15.7	495	3.67	8.8	0.7	3.0	3.3	26	0.2	0.6	0.2	77	0.28	0.054

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Project: CHA
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000131.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1118911	Soil		15	34	0.58	489	0.036	<1	2.19	0.012	0.08	0.1	0.02	4.9	0.1	<0.05	5	0.6	<0.2
1118931	Soil		17	46	1.04	331	0.006	<1	2.34	0.007	0.12	<0.1	0.03	7.7	<0.1	<0.05	6	<0.5	<0.2
1118908	Soil		22	41	0.81	1053	0.052	<1	2.26	0.014	0.11	0.1	0.03	7.5	0.1	<0.05	6	<0.5	<0.2
1118928	Soil		18	36	0.64	429	0.062	<1	1.90	0.010	0.06	0.1	0.02	4.5	0.1	<0.05	6	<0.5	<0.2
1118930	Soil		14	32	0.59	704	0.048	<1	1.76	0.018	0.06	0.2	0.04	4.7	<0.1	<0.05	5	0.6	<0.2
1118927	Soil		29	31	0.52	352	0.032	<1	1.82	0.007	0.20	<0.1	0.02	4.2	0.1	<0.05	5	<0.5	<0.2
1118938	Soil		17	59	1.67	263	0.232	3	2.81	0.008	0.82	0.2	<0.01	5.9	0.3	<0.05	10	<0.5	<0.2
1118939	Soil		12	32	0.50	258	0.068	<1	1.86	0.011	0.09	0.1	0.02	2.3	<0.1	<0.05	6	<0.5	<0.2
1118940	Soil		6	27	0.77	239	0.133	1	2.24	0.014	0.24	0.1	<0.01	3.4	0.1	<0.05	7	0.5	<0.2
1118933	Soil		22	49	0.72	609	0.011	1	2.15	0.007	0.18	<0.1	0.02	8.2	<0.1	<0.05	5	<0.5	<0.2
1118937	Soil		13	37	0.64	455	0.053	2	2.33	0.017	0.07	0.1	0.04	4.2	<0.1	<0.05	7	<0.5	<0.2
1118936	Soil		35	89	2.47	442	0.085	<1	3.88	0.010	0.08	<0.1	0.01	6.8	0.1	<0.05	12	1.4	<0.2
1118935	Soil		35	90	2.62	451	0.087	2	4.17	0.012	0.08	<0.1	<0.01	7.0	0.1	<0.05	12	1.4	<0.2
1118934	Soil		26	28	0.45	328	0.029	<1	1.68	0.007	0.16	0.1	0.02	2.7	0.1	<0.05	5	<0.5	<0.2
1118932	Soil		26	29	0.40	528	0.014	<1	1.81	0.008	0.12	<0.1	<0.01	2.8	<0.1	<0.05	4	<0.5	<0.2
1119010	Soil		9	45	0.83	214	0.103	3	2.15	0.010	0.12	0.1	0.03	4.6	0.1	<0.05	7	0.7	<0.2
1119003	Soil		11	31	0.45	152	0.069	3	2.01	0.008	0.06	0.2	0.04	2.9	0.1	<0.05	6	<0.5	<0.2
1119021	Soil		9	31	0.90	222	0.123	<1	2.17	0.008	0.14	<0.1	0.02	4.2	0.1	<0.05	7	0.5	<0.2
1119014	Soil		12	29	0.51	211	0.049	<1	1.66	0.010	0.06	0.1	0.05	2.2	0.1	<0.05	5	0.8	<0.2
1119018	Soil		11	42	0.79	266	0.111	3	2.25	0.011	0.11	0.2	0.04	3.9	0.1	<0.05	7	<0.5	<0.2
1119017	Soil		6	45	1.16	205	0.201	2	2.04	0.012	0.22	0.2	0.03	2.8	0.2	<0.05	7	0.6	<0.2
1119020	Soil		5	30	1.31	257	0.207	1	2.58	0.010	0.39	<0.1	0.02	3.0	0.2	<0.05	6	<0.5	<0.2
1119023	Soil		4	19	0.86	192	0.130	2	1.69	0.008	0.24	<0.1	0.03	2.9	0.2	<0.05	7	<0.5	<0.2
1119005	Soil		13	28	0.46	304	0.066	3	2.04	0.011	0.12	<0.1	0.03	3.2	0.1	0.06	7	0.5	<0.2
1119012	Soil		12	40	0.65	215	0.082	3	2.23	0.010	0.06	0.1	0.02	3.9	0.2	<0.05	7	<0.5	<0.2
1119006	Soil		15	28	0.88	265	0.152	<1	1.87	0.010	0.27	0.1	0.01	2.9	0.2	<0.05	6	<0.5	<0.2
1119011	Soil		10	36	0.56	288	0.039	3	2.31	0.009	0.09	0.2	0.03	3.8	0.1	<0.05	6	1.0	<0.2
1119025	Soil		14	22	1.05	815	0.101	1	2.26	0.011	0.62	<0.1	0.02	10.6	0.3	<0.05	5	0.7	<0.2
1119031	Soil		13	35	0.60	253	0.069	2	2.17	0.010	0.07	0.2	0.04	4.3	0.1	<0.05	6	0.9	<0.2
1119033	Soil		13	32	0.82	236	0.150	3	2.00	0.014	0.14	0.2	0.03	3.9	0.2	<0.05	6	0.6	<0.2

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Project: CHA
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000131.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1119029	Soil	0.8	44.7	8.4	73	<0.1	18.6	12.4	433	3.00	6.8	0.5	<0.5	3.0	17	0.1	0.5	0.3	64	0.19	0.030
1119028	Soil	1.3	39.9	11.0	65	0.1	20.8	11.1	393	3.12	10.3	1.0	1.7	4.5	19	<0.1	0.7	0.3	72	0.19	0.039
1119030	Soil	1.1	23.2	10.6	54	<0.1	15.3	9.1	305	2.89	9.5	0.8	1.2	4.1	14	<0.1	0.6	0.2	70	0.14	0.029
1119026	Soil	4.8	136.9	7.1	80	<0.1	17.4	36.5	678	7.64	6.4	1.4	1.3	3.6	34	<0.1	0.6	0.2	176	0.20	0.037
1119032	Soil	1.1	24.4	9.6	52	<0.1	17.2	9.6	297	2.80	9.7	0.8	2.3	2.5	16	0.1	0.6	0.2	64	0.19	0.062
1119027	Soil	1.2	37.7	9.4	87	<0.1	19.6	16.0	507	3.54	7.5	0.5	1.2	3.4	19	0.2	0.6	0.4	75	0.17	0.028
1119034	Soil	1.6	69.2	8.7	116	0.2	18.9	13.0	436	3.22	7.0	0.7	2.3	2.9	24	0.3	0.5	0.2	65	0.22	0.054
1119004	Soil	0.6	13.5	9.6	54	<0.1	15.4	8.1	293	2.68	6.3	0.6	<0.5	3.4	16	<0.1	0.4	0.1	57	0.19	0.032
1119015	Soil	0.9	81.2	6.7	67	<0.1	22.5	16.0	479	3.94	8.7	0.4	0.8	2.6	19	0.1	0.7	0.1	95	0.24	0.041
1119019	Soil	1.0	16.8	10.2	45	<0.1	11.4	6.9	242	2.94	7.5	0.4	<0.5	0.7	11	0.1	0.6	0.2	81	0.10	0.027
1119022	Soil	0.6	32.0	5.9	66	<0.1	17.9	18.6	548	3.55	6.6	0.4	1.0	2.7	18	0.1	0.6	0.1	85	0.24	0.049
1119008	Soil	0.6	8.3	8.2	17	<0.1	4.0	1.9	67	0.92	2.7	0.3	1.1	<0.1	8	0.1	0.2	0.2	32	0.06	0.025
1119016	Soil	1.0	62.6	9.2	65	<0.1	22.8	13.7	464	3.40	8.5	0.8	1.1	3.7	20	<0.1	0.8	0.1	79	0.20	0.026
1119024	Soil	0.8	37.8	9.7	51	<0.1	13.0	10.2	391	2.75	4.4	0.5	<0.5	2.9	16	0.2	0.5	0.2	58	0.19	0.050
1119013	Soil	0.9	49.4	8.2	43	<0.1	13.8	8.4	235	2.73	6.4	0.4	1.2	1.4	15	<0.1	0.6	0.2	68	0.18	0.037
1119001	Soil	0.9	12.1	8.0	61	<0.1	9.1	10.0	437	2.86	4.1	0.4	<0.5	2.6	13	<0.1	0.4	<0.1	70	0.15	0.037
1119009	Soil	0.7	26.0	8.3	53	<0.1	18.9	11.0	307	2.80	6.5	0.5	1.3	3.4	18	<0.1	0.7	0.1	66	0.20	0.015
1119007	Soil	0.5	17.6	7.2	62	<0.1	10.9	11.9	532	2.79	3.9	0.5	<0.5	4.0	20	<0.1	0.4	<0.1	64	0.25	0.026
1119002	Soil	0.6	11.7	7.5	56	<0.1	12.2	11.5	504	3.01	5.5	0.6	0.6	4.4	12	0.1	0.5	<0.1	65	0.14	0.027
1119247	Soil	0.9	52.8	7.4	80	<0.1	21.9	15.8	525	4.15	6.0	0.3	1.7	1.8	14	0.2	0.5	0.1	96	0.15	0.027
1119236	Soil	1.3	43.1	11.2	60	<0.1	23.4	11.3	461	3.09	8.8	1.2	11.8	4.0	19	0.2	0.6	0.2	70	0.21	0.045
1119237	Soil	0.9	257.4	9.3	74	0.1	22.6	15.4	526	3.50	7.3	0.7	5.5	3.3	24	0.1	0.5	0.4	76	0.33	0.055
1119239	Soil	1.4	94.8	9.6	137	0.2	36.4	20.2	652	5.75	6.0	0.5	8.8	1.7	15	0.2	0.6	0.2	131	0.13	0.029
1119244	Soil	0.7	63.5	11.3	59	0.1	23.5	10.9	340	2.79	9.2	0.5	2.1	3.4	14	0.2	0.7	0.1	57	0.14	0.020
1119245	Soil	0.9	61.7	10.0	65	<0.1	23.3	13.1	383	3.88	7.2	0.4	1.2	2.3	12	0.2	0.6	0.1	89	0.13	0.022
1119246	Soil	0.2	142.1	1.6	59	<0.1	20.3	25.2	705	4.95	6.6	0.6	0.7	2.5	15	<0.1	0.2	0.2	146	0.26	0.028
1119241	Soil	0.6	14.1	3.9	77	<0.1	19.9	26.8	933	5.88	4.3	0.5	<0.5	3.1	16	<0.1	0.4	<0.1	206	0.24	0.047
1119242	Soil	0.9	17.1	9.9	48	<0.1	15.1	8.2	337	2.75	6.7	0.6	2.8	3.5	14	0.1	0.6	0.1	48	0.14	0.024
1119238	Soil	1.1	39.1	12.2	68	<0.1	28.1	15.5	479	4.01	6.1	0.7	<0.5	5.0	14	0.2	0.6	0.3	86	0.16	0.048
1119243	Soil	0.5	12.3	10.3	43	<0.1	9.1	11.4	488	2.89	2.8	0.5	<0.5	2.7	14	<0.1	0.8	0.3	52	0.15	0.026

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1119029	Soil		10	28	0.69	285	0.107	<1	1.89	0.008	0.18	0.1	0.02	3.9	0.1	<0.05	5	<0.5	<0.2
1119028	Soil		14	37	0.60	306	0.077	1	2.47	0.010	0.06	0.1	0.05	5.8	0.1	<0.05	6	0.5	<0.2
1119030	Soil		11	30	0.55	246	0.085	2	2.06	0.008	0.06	0.2	0.03	3.6	0.1	<0.05	6	0.7	<0.2
1119026	Soil		9	60	1.98	437	0.193	<1	3.98	0.010	0.27	<0.1	0.03	8.8	0.3	<0.05	14	2.3	0.4
1119032	Soil		11	27	0.55	245	0.052	2	1.94	0.007	0.06	0.2	0.04	3.9	0.1	<0.05	5	0.5	<0.2
1119027	Soil		9	35	0.83	280	0.096	<1	2.62	0.009	0.12	0.1	0.02	3.4	0.1	<0.05	6	<0.5	<0.2
1119034	Soil		12	27	0.73	228	0.125	<1	1.80	0.013	0.13	0.2	0.03	3.3	0.2	<0.05	5	<0.5	<0.2
1119004	Soil		12	23	0.54	195	0.054	1	1.69	0.007	0.09	0.1	0.02	2.4	0.1	<0.05	6	<0.5	<0.2
1119015	Soil		6	45	1.27	382	0.171	1	2.43	0.008	0.24	0.2	0.02	3.4	0.1	<0.05	6	0.5	<0.2
1119019	Soil		8	25	0.47	142	0.069	1	1.54	0.006	0.07	0.1	0.02	2.2	0.1	<0.05	7	<0.5	<0.2
1119022	Soil		6	29	1.17	287	0.159	1	2.24	0.009	0.27	0.1	<0.01	3.3	0.2	<0.05	6	0.6	<0.2
1119008	Soil		6	10	0.09	94	0.021	<1	0.60	0.009	0.04	<0.1	0.03	0.4	<0.1	<0.05	4	<0.5	<0.2
1119016	Soil		12	43	0.95	341	0.132	<1	2.14	0.010	0.16	0.1	0.03	4.7	0.2	<0.05	6	<0.5	<0.2
1119024	Soil		14	22	0.60	345	0.027	3	2.17	0.009	0.13	<0.1	0.01	3.6	0.1	<0.05	5	0.5	<0.2
1119013	Soil		8	24	0.58	189	0.063	<1	1.63	0.009	0.06	0.1	0.03	3.5	<0.1	<0.05	6	<0.5	<0.2
1119001	Soil		8	17	0.69	287	0.114	<1	1.81	0.007	0.30	<0.1	0.03	2.1	0.1	<0.05	6	<0.5	<0.2
1119009	Soil		12	35	0.76	267	0.091	<1	1.78	0.009	0.07	0.1	0.01	3.6	<0.1	<0.05	5	0.5	<0.2
1119007	Soil		12	19	0.84	315	0.150	<1	1.60	0.010	0.36	0.2	0.02	2.5	0.2	<0.05	5	0.5	<0.2
1119002	Soil		10	19	0.73	212	0.102	<1	1.88	0.007	0.28	0.1	0.02	2.5	0.2	<0.05	5	<0.5	<0.2
1119247	Soil		5	32	1.24	250	0.131	<1	2.51	0.008	0.31	0.1	0.04	5.1	0.2	<0.05	7	0.5	<0.2
1119236	Soil		18	33	0.67	627	0.049	1	2.12	0.010	0.09	0.2	0.03	6.7	0.1	<0.05	6	<0.5	<0.2
1119237	Soil		12	36	0.98	411	0.100	<1	1.80	0.013	0.12	0.1	0.03	5.2	0.1	<0.05	6	1.1	<0.2
1119239	Soil		6	118	1.78	449	0.085	<1	3.21	0.008	0.17	0.1	0.03	8.6	0.2	<0.05	10	<0.5	<0.2
1119244	Soil		9	30	0.64	260	0.057	<1	2.15	0.008	0.08	0.1	0.04	3.4	<0.1	<0.05	5	<0.5	<0.2
1119245	Soil		7	31	0.88	233	0.084	<1	2.60	0.007	0.10	0.2	0.03	5.0	0.1	<0.05	7	0.6	<0.2
1119246	Soil		7	73	2.48	1139	0.145	<1	2.84	0.018	0.52	0.1	0.02	17.8	0.3	<0.05	9	0.8	<0.2
1119241	Soil		9	32	2.86	675	0.227	<1	3.56	0.012	0.47	<0.1	0.02	13.4	0.2	<0.05	13	<0.5	<0.2
1119242	Soil		12	22	0.46	510	0.036	<1	1.53	0.009	0.07	0.1	0.02	3.8	<0.1	<0.05	4	<0.5	<0.2
1119238	Soil		14	56	1.16	329	0.114	<1	2.24	0.011	0.38	0.1	0.03	3.7	0.2	<0.05	8	<0.5	<0.2
1119243	Soil		9	15	0.66	418	0.060	<1	1.43	0.009	0.13	0.1	0.02	2.9	<0.1	<0.05	4	<0.5	<0.2

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Project: CHA
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000131.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1119240	Soil		1.4	22.2	13.9	63	<0.1	25.2	12.4	399	3.29	8.5	0.7	2.1	4.0	15	0.2	0.9	0.2	57	0.13	0.026
1119264	Soil		0.3	15.0	9.6	45	<0.1	4.6	6.4	337	2.50	1.1	0.5	119.9	2.5	18	<0.1	0.2	<0.1	29	0.13	0.020
1119268	Soil		0.6	237.5	5.9	71	<0.1	15.7	16.6	528	3.92	3.7	0.2	<0.5	0.9	17	<0.1	0.3	<0.1	88	0.17	0.035
1119266	Soil		0.4	36.3	25.6	210	<0.1	9.1	11.7	679	3.47	1.8	0.3	10.1	1.8	7	0.4	0.1	0.1	68	0.08	0.023
1119263	Soil		0.4	37.9	6.4	55	<0.1	10.3	6.9	315	2.63	4.3	0.3	<0.5	1.8	12	<0.1	0.3	<0.1	38	0.10	0.024
1119262	Soil		0.8	23.5	11.3	54	<0.1	17.6	9.4	401	2.97	5.9	0.7	1.7	3.8	21	<0.1	0.5	0.1	54	0.16	0.019
1119265	Soil		0.5	36.3	26.8	217	<0.1	10.0	12.5	726	3.46	3.0	0.3	1.5	2.0	7	0.3	0.2	0.1	70	0.08	0.024
1119260	Soil		0.9	13.7	8.1	49	<0.1	15.3	8.8	272	2.74	7.7	0.5	<0.5	3.3	8	0.1	0.5	0.1	59	0.08	0.027
1119261	Soil		0.7	15.0	7.5	42	<0.1	10.9	6.7	276	2.83	6.4	0.4	5.1	3.2	8	0.1	0.5	0.1	40	0.09	0.034
1119267	Soil		0.7	284.4	3.9	58	0.1	16.3	14.4	318	3.19	5.3	0.2	<0.5	1.0	16	<0.1	0.1	<0.1	81	0.20	0.030
1119248	Soil		1.0	39.9	10.0	67	<0.1	28.2	13.4	323	3.28	10.7	0.5	2.8	3.5	14	0.2	0.7	0.2	72	0.15	0.028
1119249	Soil		1.1	28.4	11.8	50	<0.1	19.2	10.3	301	3.12	9.5	0.4	1.8	3.0	10	0.2	0.5	0.2	66	0.10	0.023
1119254	Soil		1.0	20.5	10.1	59	<0.1	17.9	8.5	337	2.90	7.8	0.5	3.3	3.1	14	<0.1	0.6	0.2	53	0.14	0.033
1119250	Soil		1.1	21.7	12.5	57	<0.1	16.0	9.7	350	3.81	9.6	0.5	1.1	3.2	10	0.1	0.6	0.2	68	0.10	0.025
1119251	Soil		0.6	16.6	7.5	52	<0.1	13.1	9.5	407	2.65	5.0	0.5	2.5	2.9	17	<0.1	0.4	0.1	50	0.20	0.026
1119259	Soil		0.9	22.2	10.9	63	<0.1	29.3	12.1	290	2.95	11.5	0.6	2.0	4.2	15	<0.1	0.6	0.2	62	0.17	0.026
1119252	Soil		0.7	18.9	8.6	53	<0.1	13.2	10.2	331	3.16	5.4	0.5	1.4	3.2	8	<0.1	0.5	0.1	49	0.08	0.021
1119253	Soil		0.5	24.4	10.6	54	<0.1	10.9	8.5	586	2.93	3.8	0.6	0.7	3.8	15	<0.1	0.5	<0.1	34	0.15	0.026
1119255	Soil		0.9	26.4	11.2	60	<0.1	22.8	10.5	367	2.87	8.8	0.7	2.9	3.9	22	<0.1	0.6	0.2	58	0.25	0.030
1119256	Soil		1.2	12.3	10.5	39	<0.1	16.0	8.1	223	2.81	8.4	0.5	1.0	3.1	12	0.1	0.5	0.2	79	0.14	0.025
1119258	Soil		0.7	26.2	11.0	140	<0.1	20.4	19.0	605	4.64	6.5	0.6	0.7	4.1	15	0.3	0.7	0.1	119	0.15	0.015
1119257	Soil		1.0	24.0	12.0	59	<0.1	27.7	12.1	260	3.11	13.9	0.6	1.9	4.4	13	0.2	0.7	0.2	70	0.14	0.024
1112314	Soil		1.2	58.1	11.2	108	<0.1	25.9	16.5	512	3.96	4.1	0.7	1.8	6.6	14	0.1	0.4	0.2	89	0.15	0.035
1112315	Soil		1.1	41.6	13.6	104	<0.1	19.0	12.5	348	3.13	5.3	1.0	4.7	5.2	16	0.2	0.4	0.1	54	0.18	0.031
1112316	Soil		0.7	51.9	5.6	82	<0.1	9.8	22.4	612	5.69	3.3	0.5	<0.5	2.5	15	<0.1	0.1	<0.1	158	0.14	0.025
1112318	Soil		0.4	63.3	17.2	114	<0.1	21.9	16.9	839	4.17	2.5	0.6	<0.5	3.0	27	<0.1	0.3	<0.1	77	0.35	0.128
1112320	Soil		0.3	81.0	18.1	91	<0.1	20.7	18.0	855	3.19	1.9	0.4	<0.5	5.8	30	<0.1	0.1	<0.1	63	0.63	0.233
1112317	Soil		0.6	53.2	5.2	81	<0.1	9.6	22.0	617	5.88	3.3	0.5	0.9	2.4	15	<0.1	0.1	<0.1	164	0.15	0.024
1112319	Soil		0.8	37.0	15.7	84	<0.1	18.1	16.2	1331	3.30	3.9	0.5	<0.5	2.1	23	0.1	0.3	0.2	66	0.25	0.088
1112322	Soil		0.8	50.5	13.7	86	<0.1	49.1	16.9	473	4.90	6.7	0.6	<0.5	3.0	12	<0.1	0.3	0.1	123	0.22	0.080

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600 - 666 Burrard St.
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Project: CHA
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000131.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1119240	Soil		12	32	0.53	351	0.043	<1	2.06	0.008	0.09	0.1	0.03	4.4	<0.1	<0.05	5	0.8	<0.2
1119264	Soil		8	9	0.51	337	0.018	<1	1.88	0.006	0.12	<0.1	<0.01	3.7	<0.1	<0.05	5	<0.5	<0.2
1119268	Soil		2	38	1.40	288	0.203	<1	2.52	0.012	0.37	0.2	<0.01	3.1	0.2	<0.05	7	0.6	<0.2
1119266	Soil		4	19	1.23	272	0.115	<1	2.54	0.007	0.54	0.1	0.01	4.7	0.2	<0.05	7	<0.5	<0.2
1119263	Soil		3	13	0.71	174	0.086	<1	2.31	0.006	0.13	<0.1	0.02	3.0	0.1	<0.05	6	<0.5	<0.2
1119262	Soil		16	28	0.59	389	0.037	<1	1.90	0.008	0.06	0.1	0.04	6.9	<0.1	<0.05	5	0.8	<0.2
1119265	Soil		4	21	1.25	298	0.129	1	2.64	0.009	0.59	0.1	<0.01	4.9	0.2	<0.05	8	<0.5	<0.2
1119260	Soil		7	25	0.75	171	0.095	1	2.19	0.008	0.12	0.1	0.02	4.0	0.1	<0.05	6	<0.5	<0.2
1119261	Soil		7	17	0.49	169	0.017	2	1.84	0.005	0.07	<0.1	0.02	3.5	<0.1	<0.05	5	<0.5	<0.2
1119267	Soil		2	30	1.20	267	0.214	<1	2.49	0.015	0.34	0.1	0.02	2.4	0.2	<0.05	6	<0.5	<0.2
1119248	Soil		8	38	0.83	217	0.096	2	2.45	0.008	0.15	0.2	0.04	3.1	0.1	<0.05	5	<0.5	<0.2
1119249	Soil		8	29	0.58	190	0.055	2	2.22	0.007	0.10	0.2	0.04	3.4	<0.1	<0.05	6	<0.5	<0.2
1119254	Soil		10	26	0.55	300	0.059	2	1.84	0.008	0.07	0.2	0.02	4.4	0.1	<0.05	6	<0.5	<0.2
1119250	Soil		9	30	0.56	236	0.052	1	2.20	0.007	0.14	0.1	0.03	4.0	0.1	<0.05	7	<0.5	<0.2
1119251	Soil		13	19	0.64	454	0.075	<1	1.53	0.008	0.13	0.1	0.01	3.5	<0.1	<0.05	5	<0.5	<0.2
1119259	Soil		10	33	0.63	251	0.077	2	2.36	0.009	0.06	0.2	0.03	3.7	0.1	<0.05	6	<0.5	<0.2
1119252	Soil		9	20	0.52	258	0.040	<1	2.18	0.007	0.15	0.2	0.01	4.4	0.1	<0.05	6	<0.5	<0.2
1119253	Soil		13	15	0.44	593	0.021	<1	1.58	0.007	0.10	0.1	0.02	5.0	<0.1	<0.05	4	<0.5	<0.2
1119255	Soil		14	34	0.62	378	0.072	2	1.94	0.012	0.07	0.2	0.03	5.0	<0.1	<0.05	5	<0.5	<0.2
1119256	Soil		10	27	0.48	218	0.069	1	1.79	0.013	0.05	0.1	0.03	2.8	<0.1	<0.05	7	<0.5	<0.2
1119258	Soil		9	38	1.10	513	0.093	<1	2.95	0.011	0.14	0.1	0.03	9.7	0.2	<0.05	9	0.6	<0.2
1119257	Soil		11	40	0.61	220	0.074	2	2.78	0.009	0.07	0.2	0.05	3.7	0.1	<0.05	6	<0.5	<0.2
1112314	Soil		19	31	1.30	277	0.159	<1	2.79	0.008	0.35	<0.1	0.01	4.0	0.3	<0.05	8	<0.5	<0.2
1112315	Soil		15	24	0.66	179	0.090	<1	1.74	0.010	0.12	<0.1	0.02	3.1	0.1	<0.05	5	<0.5	<0.2
1112316	Soil		4	26	2.15	196	0.060	<1	3.58	0.008	0.26	<0.1	<0.01	12.5	0.1	<0.05	11	<0.5	<0.2
1112318	Soil		4	33	1.71	182	0.249	<1	2.82	0.006	0.37	0.2	<0.01	1.2	0.2	<0.05	9	<0.5	<0.2
1112320	Soil		4	22	1.70	303	0.229	<1	2.11	0.006	0.91	0.2	<0.01	0.7	0.4	<0.05	7	<0.5	<0.2
1112317	Soil		4	27	2.15	193	0.068	<1	3.66	0.008	0.26	<0.1	<0.01	12.7	0.1	<0.05	11	<0.5	<0.2
1112319	Soil		5	29	1.21	138	0.172	1	2.10	0.009	0.17	0.2	0.02	1.4	0.1	0.05	9	<0.5	<0.2
1112322	Soil		8	97	1.85	225	0.273	1	3.81	0.007	0.57	0.2	0.02	5.2	0.2	<0.05	13	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1112321	Soil		1.3	16.2	14.0	54	0.1	21.9	8.5	303	3.26	9.6	0.4	0.7	3.0	17	0.2	0.6	0.2	74	0.11	0.029
1112323	Soil		0.8	16.6	8.2	95	<0.1	41.9	12.4	1293	4.43	4.3	0.2	<0.5	0.9	12	0.1	0.2	<0.1	69	0.16	0.068
1112301	Soil		0.7	36.5	13.0	104	<0.1	16.3	15.4	494	4.26	4.4	0.6	1.2	3.2	37	<0.1	0.4	0.1	101	0.24	0.024
1112302	Soil		0.9	44.8	9.9	114	0.1	17.2	11.9	398	4.34	6.9	0.5	<0.5	2.6	37	0.2	0.4	0.1	111	0.15	0.028
1112303	Soil		0.9	48.5	11.8	61	0.3	27.7	12.5	432	3.35	9.6	0.6	2.8	4.2	22	0.1	0.6	0.2	82	0.22	0.037
1112304	Soil		1.1	52.1	13.9	75	0.5	22.1	10.5	371	3.34	10.0	0.4	<0.5	2.0	15	0.2	0.5	0.2	76	0.14	0.039
1112305	Soil		0.5	79.5	6.0	84	<0.1	37.6	13.8	665	3.38	3.1	0.5	0.8	2.9	85	<0.1	0.2	<0.1	78	0.23	0.045
1112310	Soil		1.0	35.4	11.7	55	<0.1	23.9	10.5	269	3.25	9.6	1.2	3.7	6.1	17	<0.1	0.6	0.2	69	0.16	0.033
1112306	Soil		0.8	44.2	10.8	65	<0.1	25.5	11.0	390	3.01	7.7	1.0	1.8	5.5	18	<0.1	0.5	0.2	69	0.19	0.020
1112307	Soil		1.2	16.4	13.3	76	0.3	16.8	11.7	604	3.73	7.2	0.4	0.8	2.3	14	0.2	0.5	0.2	77	0.16	0.032
1112308	Soil		0.8	37.2	11.5	60	0.1	23.1	10.9	343	3.14	8.3	0.5	2.6	3.4	20	<0.1	0.5	0.2	69	0.24	0.024
1112309	Soil		1.0	47.3	9.8	78	<0.1	28.5	14.0	630	3.58	7.4	0.3	0.5	2.2	26	<0.1	0.3	0.1	81	0.15	0.031
1112311	Soil		0.7	87.8	6.0	77	<0.1	30.8	15.0	700	2.70	4.2	0.7	6.9	3.3	27	<0.1	0.3	0.1	62	0.42	0.073
1112326	Soil		0.5	71.4	28.0	86	0.1	20.7	18.3	691	3.63	3.1	0.7	1.5	7.4	24	<0.1	0.2	0.1	68	0.23	0.057
1112327	Soil		1.4	20.9	13.2	48	<0.1	17.8	8.3	275	3.17	8.9	1.0	2.6	4.7	17	<0.1	0.6	0.2	74	0.12	0.024
1112328	Soil		0.8	27.4	10.6	61	<0.1	31.7	12.0	285	3.05	9.3	0.5	1.2	4.8	17	<0.1	0.5	0.2	68	0.15	0.020
1112330	Soil		1.3	75.5	11.3	69	0.1	25.7	16.8	496	3.54	5.1	0.6	1.1	3.4	23	<0.1	0.4	0.1	90	0.25	0.063
1112332	Soil		0.7	29.0	12.6	68	<0.1	58.9	14.6	560	3.76	4.5	0.5	1.3	2.8	14	0.1	0.3	0.1	82	0.16	0.049
1112312	Soil		0.9	47.3	8.8	57	<0.1	21.0	10.7	329	3.13	8.7	0.4	2.2	2.5	13	<0.1	0.6	0.1	68	0.14	0.028
1112329	Soil		1.0	55.5	17.4	103	<0.1	27.6	18.9	835	4.37	4.3	0.8	<0.5	5.4	33	<0.1	0.4	0.1	98	0.41	0.099
1112331	Soil		0.3	45.8	12.7	100	<0.1	26.2	19.1	919	4.29	2.2	0.6	<0.5	2.7	31	0.1	0.2	<0.1	99	0.35	0.097
1112313	Soil		0.6	93.4	7.2	63	0.1	25.3	12.5	603	2.83	4.0	0.7	12.9	1.6	17	<0.1	0.3	0.1	64	0.18	0.040
1112324	Soil		0.7	43.5	10.2	78	<0.1	54.2	16.1	567	4.25	4.3	0.7	<0.5	2.5	17	<0.1	0.2	0.1	106	0.37	0.067
1112325	Soil		0.8	58.8	11.2	83	<0.1	57.2	17.3	455	4.21	5.4	1.0	<0.5	5.8	16	<0.1	0.3	0.1	99	0.28	0.037
1119181	Soil		0.6	15.3	17.3	60	<0.1	6.5	9.0	424	2.65	2.2	0.8	0.9	4.8	21	<0.1	0.4	<0.1	25	0.25	0.042
1119183	Soil		0.6	26.1	12.1	61	<0.1	19.5	10.2	421	2.87	6.3	0.9	3.2	6.1	27	<0.1	0.5	0.1	55	0.26	0.025
1119168	Soil		0.6	84.6	19.4	100	0.1	19.0	23.3	1027	5.12	2.7	0.6	5.9	3.1	15	0.1	2.3	<0.1	69	0.31	0.029
1119163	Soil		0.3	41.9	4.2	81	<0.1	37.6	23.0	632	3.90	1.7	0.3	<0.5	2.3	34	<0.1	0.4	<0.1	95	0.31	0.017
1119164	Soil		0.3	38.8	8.9	74	<0.1	15.3	18.8	592	4.23	0.8	0.5	<0.5	2.9	12	<0.1	0.9	<0.1	69	0.11	0.009
1119166	Soil		0.4	44.2	11.9	72	<0.1	7.3	12.8	604	3.11	0.9	0.4	<0.5	2.5	23	<0.1	0.9	<0.1	38	0.26	0.033

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Project: CHA
Report Date: August 21, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1112321	Soil		9	37	0.51	174	0.076	1	2.24	0.008	0.07	0.1	0.06	2.4	<0.1	<0.05	7	<0.5	<0.2
1112323	Soil		3	76	1.80	128	0.221	<1	2.53	0.007	0.49	0.2	0.02	1.3	0.1	<0.05	13	<0.5	<0.2
1112301	Soil		8	29	1.08	210	0.096	<1	2.41	0.013	0.07	<0.1	<0.01	5.4	<0.1	<0.05	8	<0.5	<0.2
1112302	Soil		6	31	0.93	163	0.079	<1	2.53	0.011	0.08	<0.1	0.02	5.4	<0.1	<0.05	9	<0.5	<0.2
1112303	Soil		9	40	0.67	320	0.090	<1	2.61	0.010	0.08	0.1	0.02	3.3	<0.1	<0.05	7	<0.5	<0.2
1112304	Soil		6	31	0.59	176	0.060	2	2.30	0.007	0.08	0.1	0.03	2.7	<0.1	<0.05	7	<0.5	<0.2
1112305	Soil		9	36	1.65	477	0.180	<1	2.83	0.006	0.42	<0.1	<0.01	3.1	0.2	<0.05	7	<0.5	<0.2
1112310	Soil		12	43	0.61	347	0.086	2	2.96	0.011	0.08	0.2	0.04	4.5	0.1	<0.05	6	<0.5	<0.2
1112306	Soil		17	38	0.78	300	0.102	1	2.19	0.009	0.09	0.1	0.03	3.8	<0.1	<0.05	6	<0.5	<0.2
1112307	Soil		7	29	0.83	237	0.101	<1	2.56	0.007	0.15	0.1	0.02	2.8	0.1	<0.05	8	<0.5	<0.2
1112308	Soil		8	34	0.74	251	0.089	2	2.10	0.010	0.08	0.1	0.03	3.4	<0.1	<0.05	6	<0.5	<0.2
1112309	Soil		5	34	1.05	305	0.132	<1	2.43	0.008	0.21	0.1	0.02	2.4	0.1	<0.05	7	<0.5	<0.2
1112311	Soil		10	31	1.24	395	0.131	2	1.90	0.014	0.19	<0.1	0.02	3.9	0.1	<0.05	5	<0.5	<0.2
1112326	Soil		6	24	1.48	137	0.255	1	2.55	0.006	0.33	0.2	0.01	1.3	0.3	<0.05	8	<0.5	<0.2
1112327	Soil		14	38	0.43	203	0.090	1	2.22	0.012	0.05	0.1	0.03	4.8	0.1	<0.05	7	<0.5	<0.2
1112328	Soil		10	48	0.78	216	0.108	2	2.46	0.010	0.07	0.1	0.01	3.3	<0.1	<0.05	6	<0.5	<0.2
1112330	Soil		6	34	1.32	207	0.196	1	2.62	0.009	0.33	0.2	0.02	2.3	0.2	<0.05	7	<0.5	<0.2
1112332	Soil		7	106	1.42	188	0.174	1	2.62	0.008	0.22	0.1	0.02	2.9	0.1	<0.05	9	<0.5	<0.2
1112312	Soil		8	28	0.65	107	0.089	1	1.83	0.011	0.07	0.1	0.03	3.0	<0.1	<0.05	6	<0.5	<0.2
1112329	Soil		9	40	1.93	222	0.226	<1	3.01	0.007	0.34	0.2	<0.01	2.8	0.2	<0.05	10	<0.5	<0.2
1112331	Soil		8	43	1.81	178	0.175	<1	2.69	0.008	0.31	<0.1	<0.01	3.3	0.2	<0.05	10	<0.5	<0.2
1112313	Soil		9	29	0.91	306	0.117	2	1.98	0.012	0.21	<0.1	0.03	3.1	0.1	<0.05	7	<0.5	<0.2
1112324	Soil		10	110	1.87	335	0.205	<1	3.05	0.008	0.44	0.2	<0.01	4.3	0.2	<0.05	10	<0.5	<0.2
1112325	Soil		11	91	1.53	225	0.206	2	2.85	0.010	0.29	0.1	<0.01	3.9	0.2	<0.05	9	<0.5	<0.2
1119181	Soil		9	12	0.26	830	0.010	2	0.97	0.008	0.16	0.1	0.03	4.8	<0.1	<0.05	2	<0.5	<0.2
1119183	Soil		21	33	0.61	599	0.067	1	1.84	0.010	0.07	<0.1	0.02	6.7	<0.1	<0.05	5	<0.5	<0.2
1119168	Soil		12	24	0.54	1000	0.009	1	1.39	0.006	0.22	0.1	0.04	13.5	0.1	<0.05	4	<0.5	<0.2
1119163	Soil		9	148	2.41	339	0.181	<1	2.81	0.011	0.27	0.1	<0.01	6.2	0.1	<0.05	7	<0.5	<0.2
1119164	Soil		8	52	1.65	158	0.036	1	2.67	0.005	0.19	<0.1	<0.01	5.5	0.1	<0.05	7	<0.5	<0.2
1119166	Soil		9	12	0.89	460	0.012	1	1.83	0.005	0.12	<0.1	<0.01	4.4	<0.1	<0.05	5	<0.5	<0.2

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Project: CHA
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000131.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1119169	Soil	0.2	111.9	6.9	98	<0.1	17.7	26.3	959	6.51	6.5	0.5	<0.5	3.0	25	<0.1	4.8	<0.1	118	0.42	0.048
1119170	Soil	0.3	68.9	9.7	100	<0.1	20.8	27.6	1538	7.22	19.7	0.8	2.7	3.0	101	0.1	2.7	<0.1	129	3.26	0.059
1119165	Soil	0.4	53.7	10.5	81	<0.1	9.0	16.4	690	3.78	<0.5	0.4	0.7	2.6	22	<0.1	0.9	<0.1	44	0.29	0.031
1119161	Soil	0.5	35.6	9.5	66	<0.1	24.8	18.9	598	3.86	2.2	0.4	<0.5	2.4	29	<0.1	0.9	<0.1	82	0.31	0.025
1119162	Soil	0.8	21.0	8.9	60	<0.1	46.2	13.9	419	3.60	6.9	0.6	1.2	3.3	22	<0.1	0.6	0.1	80	0.22	0.019
1119167	Soil	1.0	74.1	11.5	79	<0.1	32.2	18.5	665	4.24	7.3	0.6	1.9	4.0	37	<0.1	1.0	0.1	96	0.38	0.017
1119159	Soil	0.5	71.4	4.8	93	<0.1	27.9	27.4	851	4.98	2.2	0.2	<0.5	1.9	18	<0.1	0.3	<0.1	116	0.18	0.020
1119160	Soil	1.0	24.4	10.7	59	<0.1	24.9	9.1	275	3.29	10.8	0.5	1.6	3.5	13	<0.1	0.6	0.2	70	0.12	0.021
1119157	Soil	0.8	44.5	11.2	67	<0.1	24.8	13.2	490	3.50	8.7	1.1	2.5	4.5	25	<0.1	0.6	0.2	76	0.28	0.026
1119156	Soil	0.8	60.2	11.3	75	<0.1	21.4	15.2	587	4.07	6.8	0.8	4.7	4.8	34	<0.1	0.7	0.2	85	0.28	0.023
1119158	Soil	0.9	41.0	12.7	75	<0.1	25.1	14.6	579	3.76	7.9	0.9	1.8	3.5	33	<0.1	0.7	0.2	82	0.35	0.029
1119152	Soil	0.8	218.9	12.2	61	0.1	21.5	12.2	505	3.01	6.1	1.1	3.0	5.8	25	0.1	0.6	0.2	59	0.28	0.036
1119151	Soil	0.8	107.5	14.0	47	0.1	17.0	9.2	426	2.75	6.3	0.7	1.7	5.1	14	<0.1	0.6	0.2	55	0.15	0.034
1119153	Soil	1.0	65.0	11.3	65	<0.1	20.2	14.0	431	3.42	6.7	0.8	4.6	5.6	14	0.1	0.7	0.1	63	0.14	0.017
1119154	Soil	0.2	56.9	2.4	68	<0.1	19.4	20.8	617	3.72	1.0	0.2	0.5	0.8	36	<0.1	0.2	<0.1	109	0.49	0.044
1119155	Soil	0.9	47.0	12.2	66	<0.1	24.5	13.0	487	3.49	8.1	1.1	2.3	5.6	26	<0.1	0.6	0.2	74	0.24	0.024
1119176	Soil	0.4	32.8	10.7	75	<0.1	17.8	15.6	488	3.99	4.7	0.5	0.6	2.4	22	<0.1	0.7	0.1	75	0.20	0.019
1119177	Soil	0.7	32.5	12.1	66	<0.1	13.1	13.6	537	3.90	3.4	0.5	2.1	2.8	18	<0.1	0.6	0.1	50	0.25	0.020
1119175	Soil	0.7	68.2	14.6	97	0.1	8.4	17.7	1193	4.94	2.4	0.6	2.3	3.0	19	<0.1	1.2	<0.1	57	0.33	0.037
1119172	Soil	0.7	95.6	10.8	114	0.2	63.5	32.3	1568	6.31	4.2	0.5	2.4	2.6	28	0.2	1.2	0.1	125	0.36	0.046
1119180	Soil	0.8	22.9	27.6	73	<0.1	13.0	12.2	363	3.52	4.6	0.5	1.1	3.0	16	<0.1	0.4	0.2	68	0.21	0.016
1119179	Soil	0.3	29.6	6.2	88	<0.1	26.9	24.7	836	5.14	2.1	0.2	<0.5	1.4	18	<0.1	0.5	<0.1	107	0.20	0.021
1119171	Soil	0.9	88.3	14.0	99	0.1	17.6	20.3	948	4.84	4.1	0.5	1.3	2.2	18	<0.1	0.4	<0.1	64	0.27	0.018
1119173	Soil	0.5	29.2	12.9	51	0.1	17.4	14.7	754	3.01	14.8	0.2	0.6	0.7	191	0.2	0.6	0.1	37	3.54	0.019
1119182	Soil	0.9	23.2	12.8	70	<0.1	18.9	11.4	700	3.11	5.8	0.9	2.5	3.8	19	<0.1	0.6	0.1	44	0.28	0.039
1119174	Soil	0.5	17.9	11.9	82	<0.1	17.3	18.4	874	4.56	1.9	0.3	<0.5	1.5	25	<0.1	0.5	<0.1	46	0.53	0.027
1119178	Soil	1.2	21.5	18.2	75	<0.1	9.5	11.2	345	4.12	4.5	0.5	<0.5	2.2	10	<0.1	0.4	0.1	63	0.10	0.028
1113219	Soil	0.8	29.0	8.0	99	<0.1	47.5	14.5	368	3.35	1.3	1.0	<0.5	6.2	16	0.2	<0.1	0.2	54	0.35	0.042
1113218	Soil	0.7	27.7	13.3	75	<0.1	30.7	11.9	247	3.04	2.9	1.0	1.1	8.7	43	<0.1	0.1	0.1	41	0.57	0.035
1113222	Soil	0.7	28.5	13.2	75	<0.1	32.5	13.2	259	3.15	1.6	1.7	<0.5	8.9	24	0.2	0.1	0.2	39	0.50	0.043

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1119169	Soil		9	31	1.12	980	0.051	<1	2.11	0.008	0.22	0.3	0.11	19.6	0.4	<0.05	6	<0.5	<0.2
1119170	Soil		11	31	0.63	940	0.026	1	1.06	0.007	0.21	0.3	0.22	27.7	0.2	<0.05	4	<0.5	<0.2
1119165	Soil		10	13	1.09	639	0.011	<1	2.11	0.006	0.18	<0.1	<0.01	6.3	<0.1	<0.05	6	<0.5	<0.2
1119161	Soil		7	85	1.59	671	0.023	<1	2.57	0.009	0.09	<0.1	<0.01	9.6	<0.1	<0.05	7	<0.5	<0.2
1119162	Soil		8	168	1.26	231	0.102	1	2.64	0.011	0.05	0.1	0.02	5.8	0.1	<0.05	7	<0.5	<0.2
1119167	Soil		13	75	1.22	508	0.073	2	2.67	0.013	0.07	<0.1	0.03	10.7	<0.1	<0.05	7	<0.5	<0.2
1119159	Soil		3	69	2.27	420	0.120	<1	3.48	0.009	0.39	<0.1	<0.01	6.8	0.1	<0.05	8	<0.5	<0.2
1119160	Soil		10	38	0.62	230	0.079	2	2.43	0.009	0.07	0.1	0.04	3.2	0.1	<0.05	7	<0.5	<0.2
1119157	Soil		15	41	0.80	479	0.082	1	2.31	0.012	0.09	0.1	0.04	7.8	0.1	<0.05	6	<0.5	<0.2
1119156	Soil		15	36	0.95	780	0.088	1	2.42	0.011	0.14	0.1	0.04	8.2	0.1	<0.05	7	<0.5	<0.2
1119158	Soil		12	45	1.04	675	0.090	1	2.42	0.015	0.10	0.1	0.03	8.0	0.1	<0.05	7	<0.5	<0.2
1119152	Soil		18	35	0.77	371	0.062	<1	1.77	0.012	0.10	0.1	0.03	5.2	<0.1	<0.05	5	<0.5	<0.2
1119151	Soil		15	27	0.52	201	0.037	<1	1.83	0.008	0.07	0.2	0.03	3.2	0.1	<0.05	6	<0.5	<0.2
1119153	Soil		11	31	0.78	226	0.038	<1	2.39	0.008	0.09	0.1	0.02	4.0	0.1	<0.05	6	<0.5	<0.2
1119154	Soil		2	25	1.71	640	0.148	<1	2.30	0.022	0.57	<0.1	0.01	5.0	0.2	<0.05	5	<0.5	<0.2
1119155	Soil		18	39	0.74	512	0.073	<1	2.28	0.013	0.08	0.1	0.04	7.2	<0.1	<0.05	6	<0.5	<0.2
1119176	Soil		8	32	1.12	651	0.051	<1	2.81	0.007	0.16	<0.1	0.01	6.3	0.1	<0.05	7	<0.5	<0.2
1119177	Soil		10	15	0.44	1107	0.038	2	1.30	0.009	0.14	<0.1	<0.01	9.7	0.1	<0.05	4	<0.5	<0.2
1119175	Soil		12	9	0.40	1056	0.011	<1	1.22	0.005	0.23	0.2	0.03	15.3	0.1	<0.05	4	<0.5	<0.2
1119172	Soil		11	237	1.14	973	0.008	<1	1.99	0.007	0.09	0.4	0.05	32.4	<0.1	<0.05	6	<0.5	<0.2
1119180	Soil		8	18	0.81	552	0.047	<1	2.02	0.007	0.17	0.1	0.02	5.0	0.1	<0.05	6	<0.5	<0.2
1119179	Soil		4	98	2.09	588	0.019	<1	3.10	0.005	0.09	<0.1	0.02	11.9	<0.1	<0.05	8	<0.5	<0.2
1119171	Soil		7	19	0.46	1004	0.004	1	1.14	0.006	0.11	<0.1	0.02	17.4	<0.1	<0.05	3	<0.5	<0.2
1119173	Soil		2	26	0.53	525	<0.001	<1	0.54	0.005	0.11	<0.1	0.03	13.9	<0.1	0.07	<1	<0.5	<0.2
1119182	Soil		14	26	0.40	668	0.036	2	1.23	0.009	0.10	0.3	0.04	5.7	<0.1	<0.05	4	<0.5	<0.2
1119174	Soil		6	20	0.29	1315	0.002	<1	1.24	0.005	0.14	<0.1	0.03	18.3	<0.1	<0.05	3	<0.5	<0.2
1119178	Soil		7	18	0.51	430	0.022	<1	2.20	0.005	0.24	<0.1	0.01	5.6	0.1	<0.05	7	<0.5	<0.2
1113219	Soil		9	128	1.29	142	0.145	<1	2.17	0.008	0.47	<0.1	0.01	3.7	0.3	<0.05	8	<0.5	<0.2
1113218	Soil		12	35	0.76	112	0.128	1	2.31	0.007	0.31	<0.1	0.01	3.0	0.2	<0.05	7	<0.5	<0.2
1113222	Soil		19	36	0.80	86	0.139	<1	1.77	0.007	0.19	<0.1	0.02	3.1	0.1	<0.05	7	<0.5	<0.2

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Project: CHA
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000131.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1113224	Soil		1.3	17.2	10.9	66	<0.1	23.4	10.9	231	3.18	3.4	0.8	4.9	5.2	16	0.2	0.2	0.2	43	0.20	0.042
1113226	Soil		1.6	48.5	7.0	79	<0.1	45.9	15.1	337	3.44	3.2	1.6	2.6	7.2	19	0.1	0.2	0.3	68	0.33	0.039
1113217	Soil		1.2	46.2	12.0	73	<0.1	37.6	13.8	318	3.36	3.7	1.8	1.2	11.2	32	0.1	0.2	0.2	47	0.49	0.045
1113225	Soil		0.6	28.2	12.1	71	0.1	39.3	16.4	336	3.25	3.1	1.4	1.1	11.1	38	<0.1	0.2	0.2	44	0.77	0.053
1113228	Soil		1.7	40.7	15.5	76	0.2	37.0	12.6	372	2.94	4.5	5.3	1.4	11.6	37	0.2	0.5	0.2	42	0.77	0.048
1113227	Soil		1.0	58.5	70.7	107	0.2	50.4	20.2	319	3.87	3.2	2.7	1.3	16.8	19	0.4	0.2	0.5	49	0.46	0.036
1113223	Soil		1.0	26.2	12.2	64	0.1	27.2	10.3	294	2.82	5.4	1.2	1.7	6.2	21	0.1	0.3	0.2	50	0.30	0.018
1113221	Soil		0.6	27.5	10.8	64	<0.1	39.8	13.8	328	3.43	1.2	1.1	<0.5	10.6	33	<0.1	<0.1	0.1	47	0.57	0.045
1113220	Soil		0.7	11.7	10.5	53	0.2	21.6	13.2	428	2.56	2.5	0.5	0.6	4.2	30	0.1	0.3	0.1	45	0.47	0.021
1113231	Soil		2.6	46.3	19.2	118	0.3	39.1	13.2	509	3.08	1.4	8.1	0.6	8.8	45	0.3	0.1	0.2	46	0.90	0.091
1113236	Soil		1.4	28.3	14.4	75	<0.1	25.0	11.2	540	2.46	2.3	1.8	<0.5	8.2	35	0.3	0.1	0.2	29	0.61	0.085
1113233	Soil		1.0	43.2	15.2	102	0.2	41.2	16.9	391	3.48	1.6	1.7	0.9	10.8	51	0.3	0.1	0.3	36	1.45	0.064
1113229	Soil		0.9	36.0	21.6	104	0.4	33.0	15.4	590	2.99	4.2	0.9	<0.5	6.0	27	0.3	0.3	0.2	40	0.65	0.035
1113232	Soil		0.9	29.5	14.5	98	0.2	30.8	16.5	611	3.19	2.4	0.9	<0.5	6.5	26	0.2	0.2	0.2	45	0.49	0.046
1113235	Soil		1.6	45.7	21.1	128	0.2	44.4	22.4	791	3.44	2.4	1.2	1.3	5.3	34	0.9	0.2	0.3	51	0.83	0.073
1113234	Soil		1.2	43.0	26.9	109	0.2	37.8	16.2	535	3.49	2.2	1.8	0.7	10.3	44	0.2	0.2	0.3	40	1.36	0.079
1113230	Soil		1.5	57.3	15.0	120	0.2	53.6	21.3	495	4.25	2.2	2.2	2.9	11.5	29	0.2	0.1	0.3	54	0.74	0.073
1113209	Soil		0.8	37.2	10.8	82	0.2	33.0	12.4	467	3.11	9.4	1.0	4.4	4.6	45	0.3	0.7	0.2	62	0.94	0.078
1113210	Soil		1.1	29.7	10.3	69	0.1	25.9	12.1	322	2.75	9.6	1.6	4.6	3.8	38	0.2	0.6	0.2	55	0.71	0.065
1113215	Soil		15.0	70.9	15.9	216	0.9	183.2	21.8	743	3.65	7.7	2.1	2.4	7.1	40	2.5	0.2	0.2	150	0.89	0.127
1113216	Soil		1.0	36.9	14.4	92	0.1	39.4	13.9	432	3.27	3.4	1.4	1.9	9.6	29	0.2	0.2	0.2	48	0.55	0.049
1113214	Soil		9.0	75.8	15.9	176	0.6	126.6	24.0	817	4.54	4.9	2.3	1.0	6.8	45	1.4	0.1	0.2	142	0.91	0.123
1113212	Soil		2.8	21.1	22.1	77	0.2	7.2	8.2	544	2.61	7.3	1.6	<0.5	6.7	13	0.2	0.2	0.5	25	0.21	0.015
1113213	Soil		3.2	49.0	19.3	135	0.4	64.9	14.1	531	3.28	10.6	1.7	2.6	13.4	29	0.5	0.2	0.2	67	0.48	0.070
1113205	Soil		0.7	38.0	15.4	83	<0.1	54.4	16.9	308	3.43	3.0	3.6	<0.5	16.6	31	<0.1	0.1	0.3	34	0.38	0.064
1113206	Soil		0.7	82.4	10.3	88	<0.1	81.8	22.7	460	3.53	2.1	1.2	1.6	6.4	28	0.1	0.2	0.1	87	0.64	0.055
1113211	Soil		0.4	37.6	9.6	75	0.1	29.6	11.2	351	2.62	0.7	1.5	1.1	4.4	36	0.2	0.3	<0.1	54	0.68	0.074
1113208	Soil		0.8	43.3	10.3	76	0.1	32.1	11.4	414	2.59	6.4	1.0	1.1	4.3	41	0.4	0.7	0.2	57	0.85	0.076
1113207	Soil		1.2	38.1	10.8	80	0.1	30.8	11.4	509	2.66	10.0	0.8	1.4	4.3	61	0.4	0.8	0.2	47	1.60	0.083

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Project: CHA
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000131.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1113224	Soil	9	30	0.56	118	0.110	1	1.72	0.007	0.19	<0.1	0.01	1.9	0.1	<0.05	7	<0.5	<0.2
1113226	Soil	20	53	1.13	164	0.135	<1	1.86	0.010	0.29	<0.1	0.01	4.0	0.2	<0.05	7	0.9	<0.2
1113217	Soil	25	36	0.79	124	0.089	<1	1.95	0.009	0.31	<0.1	0.02	3.6	0.2	<0.05	7	<0.5	<0.2
1113225	Soil	21	54	0.96	157	0.139	<1	2.11	0.009	0.26	<0.1	<0.01	3.6	0.1	<0.05	7	<0.5	<0.2
1113228	Soil	41	45	0.73	230	0.059	<1	1.46	0.008	0.17	<0.1	0.04	3.4	0.1	0.05	5	0.9	<0.2
1113227	Soil	55	41	1.05	78	0.149	<1	2.30	0.009	0.30	0.1	0.02	4.1	0.3	<0.05	7	<0.5	<0.2
1113223	Soil	18	32	0.65	194	0.092	<1	1.62	0.010	0.10	<0.1	0.02	3.4	<0.1	<0.05	5	<0.5	<0.2
1113221	Soil	18	52	0.98	67	0.140	<1	2.49	0.006	0.15	<0.1	0.01	3.6	0.1	<0.05	9	<0.5	<0.2
1113220	Soil	11	34	0.53	228	0.068	1	1.72	0.011	0.23	<0.1	0.02	2.4	0.1	<0.05	6	<0.5	<0.2
1113231	Soil	29	40	0.94	144	0.084	<1	1.54	0.007	0.28	<0.1	0.02	2.4	0.2	<0.05	6	1.0	<0.2
1113236	Soil	30	23	0.62	169	0.052	<1	1.23	0.008	0.20	<0.1	0.02	2.1	0.1	<0.05	5	<0.5	<0.2
1113233	Soil	22	34	1.01	79	0.145	<1	2.30	0.017	0.25	<0.1	0.02	2.6	0.2	<0.05	7	<0.5	<0.2
1113229	Soil	14	30	0.62	187	0.104	1	1.66	0.013	0.24	<0.1	0.03	2.4	0.1	<0.05	5	<0.5	<0.2
1113232	Soil	14	37	0.78	202	0.120	2	1.87	0.010	0.35	0.1	0.01	2.7	0.2	<0.05	6	<0.5	<0.2
1113235	Soil	19	47	0.91	234	0.102	2	1.81	0.013	0.32	<0.1	0.02	3.0	0.2	0.06	7	<0.5	<0.2
1113234	Soil	26	36	1.00	123	0.116	<1	1.83	0.010	0.30	<0.1	0.02	2.9	0.2	0.06	7	0.7	<0.2
1113230	Soil	32	47	1.26	135	0.166	1	2.04	0.009	0.43	<0.1	0.02	3.5	0.2	<0.05	8	0.9	<0.2
1113209	Soil	16	35	0.88	372	0.096	2	1.72	0.030	0.10	0.2	0.03	4.0	0.1	<0.05	6	0.8	<0.2
1113210	Soil	14	31	0.67	310	0.075	1	1.51	0.023	0.08	0.2	0.05	3.6	<0.1	0.06	5	<0.5	<0.2
1113215	Soil	21	137	2.97	242	0.110	<1	2.56	0.007	0.25	0.2	<0.01	6.4	0.4	<0.05	9	3.0	<0.2
1113216	Soil	23	44	0.97	163	0.113	<1	1.92	0.010	0.20	<0.1	0.03	3.8	0.2	<0.05	7	<0.5	<0.2
1113214	Soil	21	152	2.64	424	0.123	<1	2.57	0.010	0.33	0.2	0.01	8.8	0.5	<0.05	9	2.4	<0.2
1113212	Soil	11	10	0.52	101	0.016	<1	1.37	0.007	0.13	<0.1	0.01	1.6	<0.1	<0.05	5	<0.5	<0.2
1113213	Soil	33	64	1.55	155	0.067	<1	2.02	0.007	0.14	<0.1	0.01	4.0	0.3	<0.05	7	0.8	<0.2
1113205	Soil	45	59	1.07	97	0.051	<1	2.17	0.009	0.28	<0.1	0.01	3.7	0.2	<0.05	7	<0.5	<0.2
1113206	Soil	22	131	1.70	252	0.213	1	2.34	0.017	0.31	0.1	0.01	5.8	0.2	<0.05	8	0.7	<0.2
1113211	Soil	17	42	0.92	256	0.082	<1	1.63	0.013	0.17	0.1	0.02	3.6	0.1	0.11	5	<0.5	<0.2
1113208	Soil	15	35	0.72	325	0.087	3	1.48	0.027	0.11	0.2	0.03	3.5	<0.1	0.09	4	0.6	<0.2
1113207	Soil	15	30	0.83	305	0.077	2	1.29	0.026	0.14	0.2	0.02	3.2	<0.1	0.09	4	0.7	<0.2

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Project: CHA
Report Date: August 21, 2011

QUALITY CONTROL REPORT DAW11000131.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1116069	Soil	0.7	25.3	7.9	45	<0.1	16.8	13.3	460	3.43	3.1	0.6	2.1	2.9	19	<0.1	0.4	<0.1	76	0.48	0.060
REP 1116069	QC	0.7	26.9	7.7	47	<0.1	15.8	14.0	478	3.50	3.3	0.6	0.8	3.1	20	<0.1	0.4	<0.1	79	0.49	0.059
1116077	Soil	0.7	31.1	9.3	53	0.1	24.1	9.3	358	2.46	8.9	1.0	12.5	3.5	33	<0.1	0.7	0.2	53	0.49	0.052
REP 1116077	QC	0.8	29.8	9.1	54	0.1	24.3	9.6	354	2.41	8.6	0.9	4.3	3.3	33	<0.1	0.5	0.2	52	0.50	0.052
1127138	Soil	0.7	26.5	12.6	59	<0.1	19.0	8.2	247	2.71	5.4	0.5	1.8	3.2	22	<0.1	0.4	0.2	64	0.31	0.017
REP 1127138	QC	0.7	26.4	12.9	61	<0.1	19.3	8.6	248	2.77	5.9	0.5	2.3	3.4	23	<0.1	0.4	0.2	68	0.33	0.018
1127131	Soil	0.4	110.0	3.8	79	<0.1	32.4	16.2	587	3.41	2.3	0.5	3.6	2.2	26	<0.1	0.2	<0.1	85	0.31	0.055
REP 1127131	QC	0.4	106.8	3.9	76	<0.1	30.5	16.0	576	3.42	1.9	0.5	3.5	2.2	25	<0.1	0.2	<0.1	81	0.30	0.055
1115281	Soil	1.2	28.4	12.5	48	<0.1	22.2	9.5	346	3.06	9.8	1.5	2.6	5.4	18	<0.1	0.6	0.2	70	0.14	0.032
REP 1115281	QC	1.1	28.1	12.5	49	<0.1	22.5	9.5	352	3.18	9.9	1.6	2.2	5.4	18	0.1	0.7	0.2	69	0.15	0.031
1122039	Soil	1.0	23.5	21.2	62	0.1	33.2	10.8	254	3.24	6.6	0.7	1.3	6.0	16	<0.1	0.5	0.2	61	0.16	0.023
REP 1122039	QC	1.0	23.1	20.3	61	<0.1	31.9	10.8	267	3.26	6.1	0.7	<0.5	6.1	17	<0.1	0.4	0.2	61	0.17	0.024
1113644	Soil	1.1	23.3	8.8	46	0.1	24.9	10.5	263	3.11	14.0	0.6	0.8	3.4	13	0.2	0.5	0.2	71	0.13	0.029
REP 1113644	QC	1.1	24.3	8.9	48	0.1	25.3	11.1	269	3.21	13.7	0.6	0.7	3.4	13	0.2	0.5	0.2	74	0.13	0.030
1118924	Soil	0.5	26.4	9.5	62	<0.1	21.4	14.6	454	3.38	9.6	0.7	0.6	4.3	26	0.1	0.6	0.1	50	0.57	0.045
REP 1118924	QC	0.6	29.4	10.1	69	0.1	24.6	16.3	509	3.81	11.5	0.8	0.7	4.6	28	0.2	0.7	0.1	58	0.63	0.050
1118910	Soil	1.0	25.4	14.9	56	<0.1	27.5	13.2	369	3.38	10.0	0.7	3.5	5.9	25	<0.1	0.7	0.2	63	0.38	0.025
REP 1118910	QC	0.8	24.5	14.6	53	0.1	24.9	13.0	362	3.29	10.2	0.8	2.7	6.1	24	<0.1	0.7	0.2	64	0.37	0.023
1119021	Soil	0.8	21.5	8.9	63	<0.1	15.8	13.9	444	3.84	12.4	0.5	4.1	2.3	19	<0.1	0.9	0.1	93	0.20	0.027
REP 1119021	QC	0.9	22.2	9.2	61	<0.1	16.1	14.3	444	3.92	12.2	0.5	4.0	2.3	21	0.2	0.9	0.1	95	0.20	0.029
1119032	Soil	1.1	24.4	9.6	52	<0.1	17.2	9.6	297	2.80	9.7	0.8	2.3	2.5	16	0.1	0.6	0.2	64	0.19	0.062
REP 1119032	QC	1.1	24.2	9.6	53	<0.1	17.5	9.4	305	2.85	9.7	0.7	1.3	2.5	17	0.1	0.6	0.2	63	0.20	0.063
1119240	Soil	1.4	22.2	13.9	63	<0.1	25.2	12.4	399	3.29	8.5	0.7	2.1	4.0	15	0.2	0.9	0.2	57	0.13	0.026
REP 1119240	QC	1.3	21.9	13.8	63	<0.1	24.5	12.2	381	3.18	8.4	0.6	1.0	4.0	15	0.1	0.8	0.2	56	0.14	0.024
1119254	Soil	1.0	20.5	10.1	59	<0.1	17.9	8.5	337	2.90	7.8	0.5	3.3	3.1	14	<0.1	0.6	0.2	53	0.14	0.033
REP 1119254	QC	1.0	21.5	10.3	59	<0.1	18.6	8.8	359	3.02	8.4	0.6	2.5	3.2	14	<0.1	0.6	0.2	58	0.16	0.031
1112305	Soil	0.5	79.5	6.0	84	<0.1	37.6	13.8	665	3.38	3.1	0.5	0.8	2.9	85	<0.1	0.2	<0.1	78	0.23	0.045
REP 1112305	QC	0.6	83.4	6.2	88	<0.1	37.7	13.9	671	3.35	3.2	0.4	1.3	3.0	88	<0.1	0.2	<0.1	80	0.23	0.046

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

Project: CHA
Report Date: August 21, 2011

QUALITY CONTROL REPORT DAW11000131.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1116069	Soil	8	27	0.95	213	0.031	1	1.91	0.017	0.11	<0.1	<0.01	9.2	<0.1	<0.05	6	<0.5	<0.2
REP 1116069	QC	8	28	0.98	221	0.033	<1	1.91	0.016	0.11	0.1	<0.01	9.4	<0.1	<0.05	6	<0.5	<0.2
1116077	Soil	12	29	0.59	342	0.060	1	1.51	0.022	0.05	0.2	0.05	4.2	<0.1	<0.05	4	<0.5	<0.2
REP 1116077	QC	12	29	0.58	336	0.058	1	1.47	0.021	0.05	0.2	0.04	4.1	<0.1	<0.05	4	0.6	<0.2
1127138	Soil	9	28	0.66	198	0.074	<1	1.61	0.011	0.05	0.1	<0.01	2.9	<0.1	<0.05	5	<0.5	<0.2
REP 1127138	QC	9	30	0.67	199	0.076	<1	1.63	0.011	0.05	<0.1	<0.01	3.0	<0.1	<0.05	5	<0.5	<0.2
1127131	Soil	7	36	1.48	298	0.163	<1	2.37	0.018	0.18	<0.1	0.01	3.8	<0.1	<0.05	7	<0.5	<0.2
REP 1127131	QC	7	34	1.48	297	0.154	<1	2.33	0.015	0.17	<0.1	0.01	3.6	<0.1	<0.05	7	<0.5	<0.2
1115281	Soil	17	43	0.53	202	0.098	2	2.44	0.015	0.05	0.2	0.05	6.5	<0.1	<0.05	7	<0.5	<0.2
REP 1115281	QC	17	42	0.54	206	0.094	2	2.35	0.015	0.05	0.2	0.04	6.6	0.1	<0.05	6	<0.5	<0.2
1122039	Soil	16	44	0.70	159	0.080	1	2.06	0.007	0.11	0.1	0.02	2.5	0.2	<0.05	7	<0.5	<0.2
REP 1122039	QC	16	43	0.71	159	0.082	<1	1.96	0.009	0.12	0.1	0.02	2.3	0.1	<0.05	7	<0.5	<0.2
1113644	Soil	9	41	0.56	383	0.088	1	2.33	0.011	0.07	0.1	0.04	3.6	<0.1	<0.05	7	0.5	<0.2
REP 1113644	QC	9	42	0.56	388	0.085	1	2.28	0.011	0.07	0.1	0.04	3.6	0.1	<0.05	7	<0.5	<0.2
1118924	Soil	13	31	0.42	817	0.019	<1	1.32	0.013	0.10	<0.1	0.03	7.9	<0.1	<0.05	4	<0.5	<0.2
REP 1118924	QC	14	35	0.47	895	0.022	<1	1.43	0.015	0.11	0.1	0.02	8.6	<0.1	<0.05	4	<0.5	<0.2
1118910	Soil	17	41	0.67	1283	0.063	<1	1.81	0.020	0.09	0.1	0.03	6.7	<0.1	<0.05	5	<0.5	<0.2
REP 1118910	QC	16	40	0.66	1221	0.063	1	1.78	0.015	0.09	0.1	0.03	6.6	<0.1	<0.05	5	<0.5	<0.2
1119021	Soil	9	31	0.90	222	0.123	<1	2.17	0.008	0.14	<0.1	0.02	4.2	0.1	<0.05	7	0.5	<0.2
REP 1119021	QC	8	30	0.92	218	0.126	<1	2.24	0.009	0.15	0.1	0.01	4.3	0.1	<0.05	7	0.6	<0.2
1119032	Soil	11	27	0.55	245	0.052	2	1.94	0.007	0.06	0.2	0.04	3.9	0.1	<0.05	5	0.5	<0.2
REP 1119032	QC	12	29	0.55	248	0.054	<1	1.99	0.008	0.06	0.2	0.04	3.7	0.1	<0.05	6	<0.5	<0.2
1119240	Soil	12	32	0.53	351	0.043	<1	2.06	0.008	0.09	0.1	0.03	4.4	<0.1	<0.05	5	0.8	<0.2
REP 1119240	QC	12	32	0.53	344	0.043	1	2.01	0.008	0.09	0.1	0.02	4.4	<0.1	<0.05	5	<0.5	<0.2
1119254	Soil	10	26	0.55	300	0.059	2	1.84	0.008	0.07	0.2	0.02	4.4	0.1	<0.05	6	<0.5	<0.2
REP 1119254	QC	11	28	0.56	307	0.064	2	1.90	0.008	0.08	0.2	0.03	4.5	<0.1	<0.05	6	<0.5	<0.2
1112305	Soil	9	36	1.65	477	0.180	<1	2.83	0.006	0.42	<0.1	<0.01	3.1	0.2	<0.05	7	<0.5	<0.2
REP 1112305	QC	9	37	1.67	476	0.179	<1	2.88	0.006	0.42	<0.1	<0.01	3.1	0.2	<0.05	8	<0.5	<0.2

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Project: CHA
Report Date: August 21, 2011

QUALITY CONTROL REPORT DAW11000131.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1119183	Soil	0.6	26.1	12.1	61	<0.1	19.5	10.2	421	2.87	6.3	0.9	3.2	6.1	27	<0.1	0.5	0.1	55	0.26	0.025
REP 1119183	QC	0.7	25.5	11.8	59	<0.1	19.3	10.4	410	2.85	6.0	0.8	2.4	6.0	26	<0.1	0.5	0.1	54	0.26	0.025
1119156	Soil	0.8	60.2	11.3	75	<0.1	21.4	15.2	587	4.07	6.8	0.8	4.7	4.8	34	<0.1	0.7	0.2	85	0.28	0.023
REP 1119156	QC	0.9	62.9	10.5	78	<0.1	22.8	14.9	594	4.07	6.9	0.8	2.7	4.8	33	<0.1	0.7	0.2	87	0.29	0.025
1119178	Soil	1.2	21.5	18.2	75	<0.1	9.5	11.2	345	4.12	4.5	0.5	<0.5	2.2	10	<0.1	0.4	0.1	63	0.10	0.028
REP 1119178	QC	1.1	22.0	18.8	73	<0.1	9.6	10.9	344	4.00	4.3	0.5	0.9	2.2	10	<0.1	0.5	0.1	61	0.10	0.028
1113232	Soil	0.9	29.5	14.5	98	0.2	30.8	16.5	611	3.19	2.4	0.9	<0.5	6.5	26	0.2	0.2	0.2	45	0.49	0.046
REP 1113232	QC	0.9	29.2	14.1	96	0.2	30.9	16.9	607	3.25	2.7	0.8	0.5	6.3	25	0.3	0.2	0.2	44	0.50	0.047
Reference Materials																					
STD DS8	Standard	12.7	109.6	127.2	316	1.8	38.8	7.5	606	2.48	26.2	2.7	129.6	6.8	67	2.3	5.8	7.0	41	0.65	0.077
STD DS8	Standard	13.3	107.9	128.0	317	1.9	36.8	7.4	609	2.42	27.0	2.8	111.3	7.1	66	2.4	5.9	7.4	42	0.67	0.074
STD DS8	Standard	13.1	109.8	130.2	312	1.8	37.4	7.5	613	2.38	26.4	2.9	104.1	7.2	69	2.6	6.2	7.3	45	0.68	0.079
STD DS8	Standard	12.2	102.3	126.0	298	1.8	36.1	7.0	588	2.37	25.4	2.7	104.9	6.5	65	2.1	5.3	6.9	40	0.67	0.077
STD DS8	Standard	14.7	110.7	128.4	298	1.8	38.9	8.1	592	2.51	26.0	2.9	105.7	7.3	67	2.3	6.3	6.7	42	0.70	0.070
STD DS8	Standard	13.4	112.1	128.3	315	1.7	38.8	7.8	617	2.55	27.3	3.0	111.9	7.0	66	2.2	6.0	7.1	42	0.69	0.082
STD DS8	Standard	12.8	109.5	115.8	317	1.8	38.5	7.8	612	2.49	27.8	2.4	112.5	6.1	65	2.6	5.6	6.6	35	0.68	0.078
STD DS8	Standard	13.5	118.1	117.9	319	1.8	40.7	8.2	609	2.47	24.2	2.5	115.8	6.1	66	2.4	5.6	6.8	40	0.68	0.080
STD DS8	Standard	12.9	112.4	124.4	321	1.9	38.2	8.1	632	2.57	25.3	2.8	109.4	6.9	72	2.3	5.9	6.9	43	0.70	0.083
STD DS8	Standard	13.6	108.3	128.2	318	1.7	38.3	7.9	624	2.53	24.5	2.7	112.5	7.1	69	2.4	5.9	6.9	44	0.68	0.078
STD DS8	Standard	13.1	112.5	123.3	310	1.9	39.4	7.6	612	2.50	25.2	2.8	129.1	6.9	62	2.5	5.6	6.6	41	0.64	0.079
STD DS8	Standard	13.7	108.7	117.5	319	1.8	37.0	7.6	626	2.56	25.6	2.5	120.2	6.5	67	2.2	5.4	6.5	43	0.72	0.081
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	1.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	1.7	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Project: CHA
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QUALITY CONTROL REPORT DAW11000131.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1119183	Soil	21	33	0.61	599	0.067	1	1.84	0.010	0.07	<0.1	0.02	6.7	<0.1	<0.05	5	<0.5	<0.2
REP 1119183	QC	20	33	0.61	587	0.062	1	1.81	0.010	0.07	<0.1	0.02	6.4	<0.1	<0.05	5	<0.5	<0.2
1119156	Soil	15	36	0.95	780	0.088	1	2.42	0.011	0.14	0.1	0.04	8.2	0.1	<0.05	7	<0.5	<0.2
REP 1119156	QC	15	37	1.01	784	0.086	<1	2.50	0.011	0.14	0.1	0.04	8.5	0.1	<0.05	7	<0.5	<0.2
1119178	Soil	7	18	0.51	430	0.022	<1	2.20	0.005	0.24	<0.1	0.01	5.6	0.1	<0.05	7	<0.5	<0.2
REP 1119178	QC	7	18	0.50	441	0.022	<1	2.15	0.005	0.24	<0.1	0.02	5.4	0.1	<0.05	7	<0.5	<0.2
1113232	Soil	14	37	0.78	202	0.120	2	1.87	0.010	0.35	0.1	0.01	2.7	0.2	<0.05	6	<0.5	<0.2
REP 1113232	QC	14	37	0.74	199	0.116	<1	1.78	0.010	0.35	<0.1	0.02	2.9	0.2	<0.05	6	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	13	116	0.59	276	0.113	3	0.88	0.084	0.42	2.9	0.20	1.9	5.3	0.20	5	5.4	4.6
STD DS8	Standard	14	113	0.61	272	0.114	3	0.86	0.085	0.44	3.0	0.20	1.8	5.5	0.16	5	4.5	4.9
STD DS8	Standard	14	118	0.60	286	0.116	3	0.91	0.091	0.42	3.1	0.22	2.0	5.5	0.17	5	5.5	5.3
STD DS8	Standard	12	113	0.65	257	0.103	2	0.87	0.087	0.40	2.8	0.19	2.2	5.4	0.14	4	5.8	4.2
STD DS8	Standard	16	127	0.63	275	0.131	4	0.95	0.088	0.39	3.2	0.21	2.2	5.7	0.17	4	4.9	4.8
STD DS8	Standard	14	118	0.60	277	0.118	3	0.91	0.085	0.43	3.0	0.19	2.1	5.5	0.20	5	4.8	5.1
STD DS8	Standard	13	119	0.59	281	0.115	3	0.87	0.090	0.42	3.1	0.21	2.5	5.7	0.14	5	4.6	5.2
STD DS8	Standard	13	122	0.64	270	0.115	2	0.94	0.087	0.42	3.0	0.20	2.1	5.3	0.22	5	4.7	5.3
STD DS8	Standard	14	119	0.64	290	0.119	1	0.99	0.099	0.45	3.3	0.21	2.9	5.6	0.15	5	5.2	5.2
STD DS8	Standard	14	121	0.62	272	0.123	3	0.92	0.090	0.42	3.0	0.17	2.2	5.3	0.18	5	5.0	4.8
STD DS8	Standard	13	116	0.58	268	0.112	3	0.86	0.092	0.41	3.0	0.22	2.3	5.4	0.17	5	4.9	5.4
STD DS8	Standard	14	119	0.61	284	0.117	3	0.93	0.091	0.43	3.1	0.21	1.9	5.8	0.15	5	5.6	5.1
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

Project: CHA
Report Date: August 21, 2011

QUALITY CONTROL REPORT DAW11000131.1

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

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Vancouver BC V6C 1H2 Canada

Project: CHA
Report Date: August 21, 2011

QUALITY CONTROL REPORT DAW11000131.1

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

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

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: August 03, 2011
Report Date: August 21, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS DAW11000139.1

CLIENT JOB INFORMATION

Project: CHA
Shipment ID: CHA2011-22
P.O. Number
Number of Samples: 320

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

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

ADDITIONAL COMMENTS

sample 1116898 lost due to sample prep error

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

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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

Project: CHA
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000139.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1115587	Soil		1.2	25.2	13.5	69	0.1	24.0	11.8	354	3.62	10.6	0.7	1.8	3.8	37	0.2	0.5	0.2	78	0.23	0.026
1115586	Soil		0.7	21.0	11.3	60	<0.1	17.1	10.0	371	2.80	5.6	0.7	<0.5	3.9	53	0.1	0.4	0.1	63	0.32	0.023
1115588	Soil		0.6	11.4	10.2	23	0.2	6.1	4.4	142	1.10	2.1	0.3	<0.5	0.7	16	0.1	0.1	0.1	28	0.11	0.019
1115250	Soil		1.7	34.2	16.8	64	0.7	20.3	10.4	415	2.57	5.8	1.7	0.5	1.0	43	0.8	0.3	0.2	58	0.42	0.058
1115591	Soil		0.8	21.3	11.0	56	<0.1	19.2	8.7	327	2.58	5.7	1.0	<0.5	3.3	39	0.1	0.3	0.1	60	0.32	0.033
1115597	Soil		1.6	53.2	16.2	77	0.3	20.6	14.7	482	3.80	38.3	1.5	2.0	4.5	59	0.2	0.5	0.5	90	0.49	0.049
1115595	Soil		1.0	32.4	15.8	90	0.1	23.0	10.6	485	3.86	6.4	1.4	<0.5	2.7	101	0.1	0.2	0.2	101	0.61	0.047
1115590	Soil		0.6	24.7	11.3	55	<0.1	18.6	9.9	310	2.73	6.0	0.9	1.3	4.0	42	0.1	0.3	0.1	63	0.26	0.024
1115249	Soil		1.6	40.4	13.4	42	0.6	13.6	6.7	407	1.67	3.1	1.6	<0.5	0.2	35	1.1	0.2	0.2	43	0.27	0.050
1115585	Soil		1.2	22.7	14.8	61	<0.1	18.9	9.4	355	2.91	6.9	0.9	2.1	4.4	41	0.1	0.4	0.2	64	0.35	0.024
1115593	Soil		0.8	29.2	16.1	59	0.2	19.4	9.5	313	2.98	14.1	1.3	2.1	4.5	44	<0.1	0.4	0.6	67	0.39	0.034
1115594	Soil		0.6	21.9	11.8	65	<0.1	16.9	9.6	326	2.96	5.1	0.8	1.4	3.4	41	0.1	0.3	0.2	69	0.40	0.028
1115596	Soil		0.6	26.0	12.9	71	<0.1	19.3	14.4	418	3.48	55.4	0.6	0.7	3.1	50	<0.1	0.3	0.6	86	0.47	0.025
1115589	Soil		1.1	24.5	14.9	62	<0.1	20.9	11.4	400	3.35	7.6	0.8	<0.5	4.3	45	0.2	0.3	0.2	79	0.29	0.025
1115592	Soil		1.6	19.5	14.2	53	0.2	19.7	7.4	242	2.55	7.3	0.7	<0.5	1.7	39	0.2	0.4	0.2	62	0.28	0.031
1115239	Soil		0.9	46.1	8.2	43	0.1	16.3	11.6	363	3.70	6.6	0.5	1.1	2.5	16	<0.1	0.4	0.1	106	0.17	0.025
1115598	Soil		0.5	19.9	14.0	63	<0.1	16.3	10.3	462	3.22	9.9	0.8	<0.5	3.9	49	0.2	0.3	0.2	83	0.44	0.037
1127233	Soil		1.0	70.8	9.5	82	0.3	28.8	15.4	756	3.31	4.1	1.8	3.0	3.3	32	0.2	0.2	0.1	72	0.63	0.074
1127234	Soil		0.7	38.1	6.3	71	0.1	17.6	17.2	628	3.19	3.7	0.9	<0.5	2.1	30	0.1	0.2	<0.1	77	0.68	0.063
1127230	Soil		0.6	59.8	5.1	92	0.2	29.7	13.8	640	3.20	2.8	0.7	3.7	2.2	34	0.1	0.2	<0.1	75	0.60	0.103
1127231	Soil		0.7	40.1	6.5	76	<0.1	22.3	12.6	521	2.91	4.4	0.4	2.2	1.9	24	<0.1	0.2	0.1	68	0.40	0.064
1127235	Soil		1.0	40.6	6.7	68	<0.1	25.9	17.3	441	3.63	3.7	0.4	2.8	1.7	34	0.1	0.3	<0.1	102	0.67	0.052
1127232	Soil		0.8	46.7	8.1	82	0.2	25.5	13.9	564	2.89	4.9	1.0	4.0	2.2	35	0.1	0.2	0.1	67	0.72	0.062
1127236	Soil		1.1	50.7	11.3	84	0.1	21.4	17.6	625	3.88	3.6	0.6	3.0	2.0	31	0.2	0.2	0.1	99	0.50	0.041
1127244	Soil		1.2	33.4	17.5	81	0.2	32.6	14.0	547	3.27	5.7	0.6	2.1	6.2	40	0.3	0.4	0.2	57	0.64	0.036
1127243	Soil		1.8	55.5	8.4	93	<0.1	61.5	16.4	428	3.83	7.6	0.9	2.5	7.2	34	0.1	0.5	0.1	98	0.38	0.058
1127242	Soil		0.7	30.8	6.3	77	<0.1	23.5	18.2	587	3.68	5.0	0.6	1.0	5.3	26	<0.1	0.3	<0.1	68	0.37	0.079
1127241	Soil		0.7	26.1	5.4	79	<0.1	16.4	17.5	620	4.25	3.2	0.4	<0.5	3.2	29	0.2	0.2	<0.1	98	0.54	0.049
1127240	Soil		0.7	32.5	10.2	97	0.1	20.7	16.6	496	4.14	3.2	1.0	<0.5	7.1	29	0.1	0.2	0.1	88	0.58	0.079
1127253	Soil		0.7	29.8	15.0	76	0.1	32.2	12.6	470	3.80	2.0	0.6	<0.5	4.3	19	<0.1	<0.1	<0.1	59	0.36	0.030

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Project: CHA
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000139.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1115587	Soil		8	36	0.85	234	0.120	1	2.96	0.012	0.16	0.1	0.02	4.7	0.2	<0.05	9	<0.5	<0.2
1115586	Soil		10	27	0.84	215	0.124	<1	1.94	0.016	0.16	0.1	0.01	4.4	0.2	<0.05	7	<0.5	<0.2
1115588	Soil		4	12	0.22	109	0.058	<1	0.92	0.019	0.06	0.1	0.02	1.3	<0.1	<0.05	5	<0.5	<0.2
1115250	Soil		11	29	0.53	288	0.057	<1	2.08	0.014	0.10	0.1	0.04	3.2	0.1	<0.05	7	<0.5	<0.2
1115591	Soil		11	34	0.68	200	0.103	<1	1.75	0.013	0.11	0.2	<0.01	3.5	<0.1	<0.05	6	<0.5	<0.2
1115597	Soil		12	58	1.45	257	0.166	<1	2.62	0.019	0.55	0.1	0.04	8.2	0.3	<0.05	9	<0.5	<0.2
1115595	Soil		8	90	1.84	360	0.196	<1	3.07	0.022	0.63	<0.1	0.02	6.8	0.4	<0.05	9	<0.5	<0.2
1115590	Soil		10	32	0.81	200	0.124	<1	2.09	0.015	0.15	0.1	0.02	4.2	0.2	<0.05	7	<0.5	<0.2
1115249	Soil		9	17	0.24	213	0.034	<1	1.18	0.013	0.07	<0.1	0.02	1.0	<0.1	<0.05	6	<0.5	<0.2
1115585	Soil		11	31	0.73	223	0.108	<1	2.10	0.017	0.10	0.1	0.01	4.5	0.1	<0.05	7	<0.5	<0.2
1115593	Soil		13	36	0.78	235	0.103	<1	2.29	0.014	0.12	0.1	0.03	5.5	0.1	<0.05	7	<0.5	<0.2
1115594	Soil		10	37	1.07	242	0.158	<1	2.24	0.017	0.27	0.1	<0.01	4.1	0.2	<0.05	7	0.5	<0.2
1115596	Soil		9	66	1.53	340	0.189	<1	2.95	0.024	0.33	<0.1	<0.01	5.5	0.3	<0.05	8	<0.5	<0.2
1115589	Soil		10	38	0.97	254	0.142	<1	2.55	0.012	0.21	0.1	0.02	5.0	0.2	<0.05	8	<0.5	<0.2
1115592	Soil		8	32	0.55	218	0.083	<1	2.05	0.011	0.09	0.1	0.03	3.0	0.1	<0.05	8	<0.5	<0.2
1115239	Soil		7	23	0.67	171	0.132	<1	2.28	0.020	0.07	0.2	0.03	3.3	0.2	<0.05	8	<0.5	<0.2
1115598	Soil		12	41	1.34	254	0.138	<1	2.55	0.014	0.24	<0.1	0.02	6.6	0.2	<0.05	9	<0.5	<0.2
1127233	Soil		20	42	0.87	449	0.091	<1	2.11	0.013	0.10	0.1	0.06	5.6	<0.1	<0.05	7	<0.5	<0.2
1127234	Soil		8	32	1.06	217	0.081	<1	1.90	0.014	0.11	0.1	0.04	5.0	<0.1	<0.05	6	0.7	<0.2
1127230	Soil		10	44	1.25	534	0.148	1	2.06	0.014	0.43	0.4	0.02	3.8	0.1	<0.05	7	<0.5	<0.2
1127231	Soil		7	33	0.92	258	0.121	<1	1.80	0.012	0.13	0.2	0.02	2.5	<0.1	<0.05	6	<0.5	<0.2
1127235	Soil		6	60	1.29	197	0.092	<1	2.22	0.024	0.07	0.1	0.03	6.3	<0.1	<0.05	7	<0.5	<0.2
1127232	Soil		11	38	0.91	385	0.114	<1	2.13	0.014	0.12	0.1	0.04	4.0	0.1	<0.05	7	<0.5	<0.2
1127236	Soil		8	35	1.19	249	0.105	<1	2.35	0.023	0.17	<0.1	0.02	7.0	<0.1	<0.05	7	<0.5	<0.2
1127244	Soil		13	40	0.84	298	0.088	<1	2.10	0.020	0.23	0.1	0.02	3.8	0.2	<0.05	6	<0.5	<0.2
1127243	Soil		24	85	1.22	280	0.115	<1	2.37	0.015	0.14	0.1	0.02	6.7	0.1	<0.05	7	<0.5	<0.2
1127242	Soil		10	46	1.35	204	0.168	<1	2.35	0.015	0.54	0.1	0.02	2.4	0.3	<0.05	7	<0.5	<0.2
1127241	Soil		8	38	1.52	202	0.168	<1	2.44	0.016	0.43	<0.1	0.01	4.2	0.2	<0.05	7	<0.5	<0.2
1127240	Soil		15	36	1.46	244	0.178	<1	2.58	0.015	0.55	<0.1	<0.01	5.0	0.3	<0.05	8	<0.5	<0.2
1127253	Soil		12	55	1.08	118	0.183	<1	1.99	0.010	0.61	<0.1	<0.01	2.2	0.4	<0.05	7	<0.5	<0.2

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Project: CHA
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000139.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1127258	Soil	0.5	29.5	8.0	84	<0.1	72.0	20.6	314	3.81	4.2	0.5	0.8	5.9	26	0.1	0.2	<0.1	65	0.38	0.094
1127237	Soil	1.0	21.1	11.2	72	0.1	17.7	10.9	388	3.05	4.9	1.0	2.4	6.2	32	<0.1	0.3	0.2	67	0.51	0.047
1119746	Soil	0.7	12.0	7.1	53	<0.1	14.9	7.0	324	2.40	5.4	0.4	1.1	2.4	40	<0.1	0.3	0.1	72	0.29	0.030
1119747	Soil	1.8	12.4	18.5	48	<0.1	22.2	8.4	484	2.31	2.9	1.0	1.2	2.4	95	0.1	0.2	<0.1	47	0.77	0.071
1119744	Soil	0.7	11.7	8.9	43	<0.1	15.6	8.5	483	2.78	4.4	1.0	2.0	3.3	95	<0.1	0.2	0.1	78	0.69	0.024
1119745	Soil	0.7	11.7	7.2	44	<0.1	14.9	7.2	237	2.45	6.0	0.4	1.6	2.8	24	<0.1	0.4	0.1	70	0.21	0.021
1119742	Soil	0.2	5.7	5.7	47	<0.1	18.5	10.3	661	2.37	1.2	0.5	<0.5	2.2	75	<0.1	<0.1	<0.1	47	0.89	0.109
1119743	Soil	0.5	13.2	7.4	45	0.1	16.5	12.0	1157	2.49	2.4	0.9	<0.5	1.8	113	<0.1	0.3	<0.1	62	1.15	0.105
1119741	Soil	0.9	11.3	8.7	51	<0.1	18.8	8.2	262	2.68	3.7	0.4	<0.5	2.2	32	<0.1	0.3	0.1	74	0.24	0.024
1119740	Soil	0.5	11.5	8.7	33	<0.1	17.4	6.7	260	1.77	2.0	0.6	1.3	3.2	35	0.1	0.2	0.1	45	0.71	0.068
1119736	Soil	0.9	33.0	5.7	67	<0.1	14.7	19.4	753	4.64	9.2	0.8	1.1	2.5	27	<0.1	0.2	<0.1	72	0.74	0.077
1119738	Soil	0.7	22.2	9.8	40	0.1	18.8	9.5	188	2.63	3.5	0.9	1.7	3.1	32	0.1	0.3	0.1	56	0.81	0.070
1119737	Soil	2.2	32.3	8.1	65	<0.1	26.8	14.1	526	3.99	3.7	0.7	1.2	2.8	26	0.1	0.3	<0.1	71	0.57	0.068
1119739	Soil	0.7	18.8	8.7	74	<0.1	13.8	15.8	364	4.61	2.9	0.9	<0.5	3.0	28	<0.1	0.2	0.1	44	0.71	0.121
1117549	Soil	1.0	9.2	8.8	43	<0.1	10.5	8.8	215	2.77	2.9	0.3	1.5	1.9	45	0.1	0.2	0.2	67	0.42	0.070
1118486	Soil	0.4	13.4	3.1	68	<0.1	11.5	18.1	488	4.49	1.7	0.4	<0.5	2.5	89	<0.1	<0.1	<0.1	76	1.22	0.178
1118434	Soil	0.8	13.1	7.6	51	<0.1	17.2	9.3	225	2.72	5.4	0.5	0.9	3.3	28	<0.1	0.4	0.1	67	0.34	0.026
1117550	Soil	0.5	14.8	6.3	58	<0.1	15.0	14.1	320	3.41	3.7	0.4	0.9	2.9	81	0.1	0.2	<0.1	57	1.11	0.116
1127259	Soil	0.6	36.7	14.1	114	<0.1	51.4	17.8	474	4.60	2.7	0.9	1.2	8.0	33	<0.1	0.2	<0.1	62	0.64	0.152
1127260	Soil	0.7	22.7	10.8	57	0.1	24.9	11.8	304	2.56	4.2	1.0	3.1	7.6	22	<0.1	0.3	0.1	42	0.30	0.050
1127261	Soil	0.9	15.5	14.2	52	<0.1	20.9	9.2	218	2.71	5.8	0.4	<0.5	4.8	17	<0.1	0.3	0.2	50	0.18	0.023
1127238	Soil	0.6	28.4	8.8	76	0.1	19.1	14.7	486	3.42	2.8	0.7	4.5	4.8	31	0.2	0.2	0.1	81	0.53	0.048
1127239	Soil	0.7	35.2	10.6	103	0.1	22.5	17.3	483	4.42	1.6	1.1	<0.5	8.0	26	0.1	0.2	<0.1	98	0.62	0.092
1127246	Soil	0.5	33.5	15.5	92	0.1	30.8	13.2	463	2.90	4.8	0.9	2.0	4.1	35	0.3	0.3	0.1	56	1.16	0.056
1127247	Soil	0.5	44.6	19.3	82	0.2	42.6	13.6	667	2.91	4.2	1.1	1.4	4.3	34	0.3	0.4	0.2	49	1.21	0.072
1127245	Soil	0.5	38.1	13.7	91	0.2	32.6	11.6	351	2.76	3.8	0.9	2.4	3.3	30	0.4	0.4	0.2	48	1.19	0.065
1127248	Soil	0.4	49.8	11.1	75	0.3	35.4	9.1	640	2.33	3.3	0.7	5.4	6.7	18	0.5	0.2	0.1	47	0.80	0.100
1127251	Soil	1.1	26.6	18.8	77	<0.1	22.5	10.1	303	2.95	5.2	0.7	4.5	4.8	15	0.1	0.3	0.2	56	0.24	0.029
1127257	Soil	0.7	24.1	10.7	72	<0.1	42.4	14.1	303	3.61	5.6	0.6	2.0	6.5	24	<0.1	0.2	0.1	54	0.29	0.075
1127250	Soil	1.4	46.4	18.1	90	0.2	63.6	16.2	527	3.68	3.7	0.9	2.4	5.8	26	0.1	0.2	0.2	72	0.50	0.097

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Project: CHA
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000139.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1127258	Soil		21	85	1.32	359	0.190	<1	2.34	0.011	0.64	<0.1	<0.01	2.9	0.3	<0.05	10	<0.5	<0.2
1127237	Soil		18	30	0.73	271	0.083	<1	1.84	0.017	0.10	0.1	0.02	4.5	<0.1	<0.05	6	<0.5	<0.2
1119746	Soil		9	29	0.61	174	0.083	<1	2.95	0.015	0.05	0.1	0.01	3.7	<0.1	<0.05	7	<0.5	<0.2
1119747	Soil		18	39	0.59	388	0.049	<1	2.07	0.030	0.09	<0.1	0.03	5.7	<0.1	<0.05	6	<0.5	<0.2
1119744	Soil		16	35	0.76	551	0.035	<1	2.75	0.022	0.05	<0.1	0.02	6.9	<0.1	<0.05	7	<0.5	<0.2
1119745	Soil		10	29	0.47	180	0.081	2	2.38	0.013	0.04	0.1	0.02	3.5	<0.1	<0.05	6	<0.5	<0.2
1119742	Soil		21	27	1.20	171	0.018	<1	2.14	0.040	0.03	<0.1	0.01	7.2	<0.1	<0.05	6	<0.5	<0.2
1119743	Soil		22	29	0.94	422	0.017	<1	2.47	0.030	0.04	<0.1	0.05	6.0	<0.1	<0.05	6	<0.5	<0.2
1119741	Soil		10	41	0.82	498	0.050	<1	3.29	0.018	0.04	<0.1	0.02	3.6	<0.1	<0.05	8	<0.5	<0.2
1119740	Soil		19	29	0.48	378	0.018	2	1.81	0.014	0.05	0.2	0.03	4.6	<0.1	<0.05	4	<0.5	<0.2
1119736	Soil		10	32	1.17	676	0.019	<1	2.50	0.024	0.08	<0.1	0.01	12.3	<0.1	<0.05	8	0.6	<0.2
1119738	Soil		14	30	0.41	634	0.006	<1	1.51	0.012	0.08	0.1	0.05	6.6	<0.1	<0.05	4	<0.5	<0.2
1119737	Soil		14	40	0.75	724	0.016	<1	2.12	0.016	0.09	<0.1	0.02	9.0	<0.1	<0.05	6	<0.5	<0.2
1119739	Soil		19	21	0.30	439	0.003	<1	1.24	0.008	0.11	0.1	0.02	5.6	<0.1	<0.05	3	<0.5	<0.2
1117549	Soil		11	20	0.61	96	0.131	<1	2.09	0.031	0.05	0.2	0.01	2.0	<0.1	<0.05	9	<0.5	<0.2
1118486	Soil		28	30	1.55	135	0.071	<1	2.81	0.118	0.02	<0.1	<0.01	9.9	<0.1	<0.05	7	<0.5	<0.2
1118434	Soil		14	30	0.61	178	0.105	<1	2.33	0.018	0.03	0.1	0.01	4.2	0.1	<0.05	6	<0.5	<0.2
1117550	Soil		15	44	0.89	172	0.152	<1	3.63	0.032	0.07	0.2	<0.01	3.9	<0.1	<0.05	9	<0.5	<0.2
1127259	Soil		21	60	1.66	275	0.189	<1	2.88	0.013	1.01	<0.1	0.01	2.9	0.5	<0.05	9	<0.5	<0.2
1127260	Soil		20	34	0.62	198	0.090	1	1.65	0.014	0.19	0.1	0.02	2.8	0.1	<0.05	5	<0.5	<0.2
1127261	Soil		12	29	0.48	150	0.070	<1	1.71	0.010	0.09	<0.1	<0.01	1.8	<0.1	<0.05	5	<0.5	<0.2
1127238	Soil		15	34	1.00	210	0.099	<1	2.23	0.016	0.17	<0.1	0.02	4.3	0.1	<0.05	7	<0.5	<0.2
1127239	Soil		17	36	1.54	266	0.205	<1	2.70	0.013	0.74	<0.1	0.01	5.5	0.4	<0.05	8	<0.5	<0.2
1127246	Soil		18	53	0.88	257	0.066	2	1.81	0.015	0.09	0.1	0.03	4.4	0.1	<0.05	5	<0.5	<0.2
1127247	Soil		21	46	0.92	255	0.051	<1	1.75	0.015	0.07	<0.1	0.04	4.1	0.1	<0.05	5	<0.5	<0.2
1127245	Soil		17	45	0.99	260	0.058	2	1.70	0.010	0.14	0.1	0.04	3.8	0.1	0.09	5	<0.5	<0.2
1127248	Soil		29	38	2.11	282	0.073	2	1.97	0.007	0.16	0.1	0.04	5.7	0.2	<0.05	5	<0.5	<0.2
1127251	Soil		14	34	0.61	135	0.075	1	1.62	0.007	0.11	<0.1	0.02	2.4	<0.1	<0.05	5	<0.5	<0.2
1127257	Soil		17	54	0.98	205	0.117	<1	2.12	0.007	0.41	<0.1	<0.01	2.4	0.2	<0.05	7	<0.5	<0.2
1127250	Soil		19	93	1.20	282	0.094	1	2.18	0.008	0.19	0.1	0.01	3.3	0.2	<0.05	7	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1127249	Soil		0.7	36.8	12.2	72	0.3	33.7	11.2	560	2.46	3.1	1.7	2.4	3.8	31	0.4	0.2	0.1	38	1.12	0.068
1127256	Soil		0.6	27.0	11.5	61	0.1	26.7	11.3	414	2.75	4.4	1.2	1.7	7.2	32	0.1	0.2	0.1	39	0.53	0.042
1127254	Soil		0.6	30.9	13.0	69	0.1	31.6	12.3	490	2.69	4.8	1.4	2.6	3.4	57	0.2	0.4	0.2	49	1.19	0.061
1127252	Soil		1.0	25.1	16.5	59	0.2	15.5	11.0	522	2.45	3.3	0.7	0.8	2.6	14	0.1	0.2	0.2	52	0.20	0.033
1118491	Soil		0.8	6.8	13.2	64	0.1	9.5	7.5	393	2.72	2.5	0.9	1.3	3.3	90	<0.1	0.2	0.1	62	0.83	0.113
1118490	Soil		0.8	9.1	21.3	64	0.1	9.0	6.0	541	2.38	3.4	1.2	2.2	3.4	78	<0.1	0.4	0.1	45	0.76	0.099
1118489	Soil		1.0	19.3	10.7	45	0.2	17.7	7.1	200	2.76	9.7	0.8	3.3	4.0	15	<0.1	0.4	0.2	67	0.13	0.032
1118433	Soil		1.0	12.1	9.1	48	<0.1	14.6	8.9	211	3.52	8.0	0.4	2.0	2.3	15	0.1	0.4	0.2	79	0.15	0.063
1119748	Soil		0.5	8.3	7.6	31	<0.1	12.4	6.2	203	1.91	5.3	0.4	1.1	2.1	100	0.1	0.1	<0.1	45	1.51	0.024
1119750	Soil		0.5	8.7	8.9	41	<0.1	14.0	7.8	519	2.43	2.7	0.6	0.9	2.0	83	<0.1	0.1	0.1	62	1.09	0.041
1117729	Soil		0.9	11.0	6.9	76	<0.1	26.5	10.9	493	3.12	4.1	0.4	0.7	1.4	60	0.1	0.2	0.1	68	0.31	0.048
1117732	Soil		1.0	9.8	8.2	59	<0.1	16.5	8.0	248	2.85	5.6	0.4	1.2	2.2	20	0.1	0.3	0.1	73	0.15	0.033
1117733	Soil		0.6	12.1	7.8	42	<0.1	16.0	7.4	258	2.64	8.0	0.5	2.4	3.1	48	<0.1	0.3	0.1	71	0.28	0.016
1117735	Soil		1.1	10.2	29.5	82	0.1	8.3	7.3	1713	2.80	2.0	1.1	1.3	4.4	80	0.4	0.4	0.1	66	1.80	0.131
1119749	Soil		1.2	11.7	10.3	41	<0.1	17.6	7.5	220	3.11	8.8	0.5	2.0	2.5	33	0.2	0.4	0.2	64	0.35	0.087
1117728	Soil		0.2	5.9	7.7	61	<0.1	19.9	9.1	570	2.47	1.7	0.8	1.0	1.8	208	<0.1	<0.1	<0.1	56	0.89	0.082
1117730	Soil		1.0	11.9	8.5	35	<0.1	10.0	7.9	486	2.53	2.4	0.8	1.6	2.5	96	<0.1	0.1	<0.1	57	0.74	0.029
1117731	Soil		0.6	10.1	8.8	60	<0.1	10.8	8.3	472	2.68	2.5	0.9	3.3	3.2	78	<0.1	0.2	<0.1	63	0.63	0.051
1118488	Soil		0.9	9.9	24.5	49	0.1	10.1	6.6	267	2.77	4.5	1.0	1.6	1.4	52	<0.1	0.4	0.2	59	0.69	0.057
1117734	Soil		0.7	9.4	24.8	78	<0.1	10.0	9.0	523	3.19	6.3	0.9	1.4	3.2	72	<0.1	0.6	0.2	79	0.60	0.049
1115235	Soil		0.6	47.4	5.8	49	<0.1	17.3	13.1	420	4.00	5.3	0.4	6.1	1.6	20	0.1	0.3	0.1	126	0.22	0.050
1115236	Soil		0.7	32.0	6.7	45	<0.1	17.5	9.5	352	3.19	4.6	0.3	7.6	1.3	22	0.1	0.3	<0.1	95	0.21	0.037
1115244	Soil		1.4	47.6	12.6	70	0.2	21.9	10.6	585	2.55	8.2	0.6	2.8	1.6	48	0.4	0.4	0.3	64	0.61	0.064
1115234	Soil		0.9	31.0	8.3	39	<0.1	16.4	7.3	217	2.86	7.5	0.5	3.7	1.3	12	0.1	0.4	0.2	78	0.14	0.037
1115240	Soil		0.8	95.9	6.9	54	<0.1	16.3	14.4	608	3.18	5.4	0.5	4.2	1.6	35	0.1	0.3	0.1	89	0.34	0.058
1115242	Soil		1.7	80.8	15.4	36	0.6	14.9	6.6	187	1.85	4.4	0.9	4.6	0.2	51	0.3	0.3	0.4	45	0.45	0.101
1115245	Soil		1.2	33.8	16.1	67	<0.1	19.8	8.8	376	2.45	5.3	0.8	2.2	3.9	75	0.2	0.4	0.2	59	0.54	0.060
1115243	Soil		1.7	16.9	7.3	28	0.2	10.3	4.4	217	1.45	2.0	0.2	1.5	0.3	27	0.8	0.2	0.1	40	0.27	0.046
1115241	Soil		0.5	55.7	9.3	47	0.1	16.6	10.1	391	3.11	4.8	0.6	5.3	2.5	57	0.2	0.3	0.1	88	0.55	0.070
1115237	Soil		0.8	25.2	5.6	40	0.1	11.5	5.9	242	2.64	4.6	0.3	1.2	0.2	17	0.1	0.3	0.1	78	0.15	0.082

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Project: CHA
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000139.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1127249	Soil		29	36	0.72	220	0.039	1	1.48	0.010	0.08	0.1	0.05	2.7	<0.1	<0.05	4	<0.5	<0.2
1127256	Soil		24	32	0.61	172	0.073	<1	1.54	0.012	0.15	0.1	0.02	2.8	0.1	<0.05	5	<0.5	<0.2
1127254	Soil		16	39	0.63	251	0.066	2	1.63	0.017	0.07	0.1	0.04	3.3	<0.1	0.06	5	<0.5	<0.2
1127252	Soil		11	23	0.37	130	0.065	1	1.41	0.014	0.12	<0.1	0.02	2.0	<0.1	<0.05	6	<0.5	<0.2
1118491	Soil		18	19	0.71	184	0.012	<1	2.09	0.025	0.09	<0.1	<0.01	5.7	<0.1	<0.05	6	<0.5	<0.2
1118490	Soil		19	20	0.45	459	0.012	<1	1.72	0.017	0.05	<0.1	<0.01	4.7	<0.1	<0.05	5	<0.5	<0.2
1118489	Soil		10	33	0.34	181	0.060	<1	2.58	0.010	0.04	0.1	0.02	3.8	0.1	<0.05	7	<0.5	<0.2
1118433	Soil		9	25	0.45	148	0.120	<1	2.39	0.011	0.04	0.1	0.02	2.7	<0.1	<0.05	8	<0.5	<0.2
1119748	Soil		7	22	0.37	200	0.054	<1	3.66	0.012	0.08	<0.1	<0.01	2.5	<0.1	<0.05	9	<0.5	<0.2
1119750	Soil		14	24	0.61	129	0.113	<1	2.38	0.026	0.08	<0.1	<0.01	3.1	<0.1	<0.05	7	<0.5	<0.2
1117729	Soil		6	33	0.97	215	0.098	2	4.13	0.023	0.04	<0.1	0.03	3.7	<0.1	<0.05	9	<0.5	<0.2
1117732	Soil		8	24	0.41	190	0.088	1	2.64	0.009	0.05	0.1	<0.01	2.4	<0.1	<0.05	8	<0.5	<0.2
1117733	Soil		12	30	0.57	211	0.086	<1	2.62	0.011	0.04	<0.1	0.01	3.5	<0.1	<0.05	7	<0.5	<0.2
1117735	Soil		20	19	0.47	597	0.011	1	1.60	0.016	0.10	0.1	<0.01	6.7	<0.1	<0.05	4	<0.5	<0.2
1119749	Soil		7	31	0.36	164	0.073	<1	3.26	0.009	0.06	0.2	0.02	2.5	<0.1	<0.05	8	<0.5	<0.2
1117728	Soil		16	29	0.98	228	0.199	<1	2.36	0.053	0.10	0.2	0.01	6.1	<0.1	<0.05	6	<0.5	<0.2
1117730	Soil		14	17	0.52	373	0.076	<1	2.28	0.030	0.09	<0.1	<0.01	6.8	<0.1	<0.05	6	<0.5	<0.2
1117731	Soil		18	24	0.57	230	0.031	<1	2.18	0.017	0.09	<0.1	0.01	6.3	<0.1	<0.05	5	<0.5	<0.2
1118488	Soil		13	21	0.44	449	0.013	<1	2.13	0.011	0.07	<0.1	0.02	3.4	0.1	<0.05	6	<0.5	<0.2
1117734	Soil		19	24	0.68	147	0.153	1	2.36	0.020	0.08	0.1	<0.01	4.1	<0.1	<0.05	8	<0.5	<0.2
1115235	Soil		7	21	0.67	183	0.143	<1	1.95	0.021	0.12	0.2	0.05	2.5	<0.1	<0.05	6	<0.5	<0.2
1115236	Soil		7	20	0.51	150	0.107	1	1.58	0.022	0.08	0.2	0.04	2.1	<0.1	<0.05	5	<0.5	<0.2
1115244	Soil		9	24	0.62	244	0.086	2	1.92	0.026	0.12	0.2	0.03	3.4	0.1	<0.05	6	<0.5	<0.2
1115234	Soil		9	24	0.38	108	0.079	2	2.21	0.011	0.06	0.1	0.03	2.1	0.1	<0.05	6	<0.5	<0.2
1115240	Soil		8	21	0.82	198	0.139	1	2.36	0.026	0.19	0.1	0.03	3.9	0.2	<0.05	7	<0.5	<0.2
1115242	Soil		8	19	0.32	133	0.037	2	1.76	0.017	0.06	0.2	0.09	1.9	<0.1	0.10	4	<0.5	<0.2
1115245	Soil		12	26	0.64	783	0.104	<1	1.70	0.031	0.15	0.1	0.02	3.4	0.2	<0.05	5	<0.5	<0.2
1115243	Soil		4	10	0.13	108	0.054	<1	0.70	0.016	0.04	<0.1	0.02	1.0	<0.1	<0.05	4	<0.5	<0.2
1115241	Soil		10	22	0.78	203	0.114	<1	2.20	0.024	0.24	0.2	0.03	4.0	0.2	<0.05	6	<0.5	<0.2
1115237	Soil		5	17	0.29	103	0.062	1	1.47	0.011	0.07	0.1	0.09	1.1	<0.1	0.08	6	<0.5	<0.2

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Project: CHA
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000139.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1115246	Soil		2.1	35.8	15.0	59	0.1	20.3	10.2	461	2.70	8.8	0.7	1.8	2.0	43	0.2	0.3	0.2	63	0.32	0.035
1115238	Soil		0.8	45.4	9.0	50	<0.1	20.8	12.3	376	3.27	9.4	0.5	4.1	2.2	13	<0.1	0.5	0.2	88	0.14	0.033
1115247	Soil		1.1	16.5	9.1	22	0.3	7.1	3.0	108	0.96	4.2	0.9	0.8	0.1	32	0.3	0.1	0.1	18	0.31	0.048
1115248	Soil		0.6	7.4	7.4	22	0.1	4.6	2.9	93	0.91	3.9	0.4	0.6	0.3	14	0.2	<0.1	<0.1	22	0.11	0.019
1115600	Soil		0.9	27.8	13.0	56	<0.1	19.4	10.7	325	3.48	12.5	0.5	2.1	3.3	29	<0.1	0.4	0.3	73	0.21	0.030
1115599	Soil		0.6	22.4	14.3	64	<0.1	19.8	11.2	423	3.52	14.9	0.7	2.7	4.4	48	<0.1	0.3	0.2	95	0.43	0.032
1127255	Soil		0.7	35.3	13.0	75	0.1	36.3	13.8	469	2.75	9.5	1.3	2.5	4.9	58	0.2	0.3	0.2	47	1.30	0.063
1125229	Soil		0.6	60.0	7.5	61	<0.1	26.9	15.3	486	3.33	8.6	0.5	1.2	3.0	25	<0.1	0.3	0.1	88	0.38	0.040
1125226	Soil		0.6	109.4	6.6	91	0.2	42.3	23.5	1135	5.18	7.1	0.7	2.8	4.0	28	0.1	0.3	0.1	120	0.65	0.130
1125227	Soil		0.8	69.5	8.8	68	<0.1	35.3	17.2	501	3.67	9.1	0.5	1.5	3.6	17	<0.1	0.3	0.2	99	0.27	0.047
1125212	Soil		2.0	39.9	5.2	128	0.2	105.1	17.0	1057	4.23	19.1	5.4	1.5	16.4	25	0.3	0.1	<0.1	65	0.62	0.077
1125228	Soil		0.7	56.1	7.4	63	<0.1	26.0	14.1	468	3.25	10.1	0.6	2.4	3.2	26	<0.1	0.4	0.1	86	0.36	0.040
1125215	Soil		0.6	7.5	16.6	101	<0.1	6.4	5.8	589	2.40	7.9	1.1	1.2	2.5	29	0.1	0.1	<0.1	34	0.10	0.037
1125218	Soil		0.2	30.0	4.3	148	<0.1	6.3	10.3	487	3.21	5.5	0.6	2.2	2.0	35	<0.1	<0.1	<0.1	55	0.48	0.069
1125219	Soil		1.1	25.3	10.0	44	<0.1	19.6	15.1	374	4.16	7.5	0.5	0.5	4.4	18	<0.1	0.2	0.2	68	0.23	0.044
1125213	Soil		2.2	40.9	6.2	101	0.2	69.9	13.7	1141	3.87	25.6	5.2	1.5	15.9	24	0.2	0.2	<0.1	51	0.47	0.062
1125217	Soil		1.0	43.3	3.9	110	<0.1	16.3	17.5	1278	6.62	10.8	1.4	2.2	4.6	25	0.1	0.2	<0.1	174	0.54	0.155
1125216	Soil		1.4	38.3	10.3	71	<0.1	10.1	12.0	670	3.26	5.3	2.0	<0.5	13.4	22	0.1	0.1	0.1	25	0.16	0.039
1125214	Soil		0.6	11.2	12.8	77	<0.1	6.7	8.0	573	2.68	8.1	1.0	<0.5	9.1	34	<0.1	0.1	0.1	26	0.10	0.034
1125225	Soil		0.6	122.0	9.7	87	<0.1	35.4	19.5	1045	4.29	6.2	0.9	1.6	5.6	20	<0.1	0.2	0.2	94	0.42	0.078
1125224	Soil		0.5	116.1	7.1	74	0.2	29.6	36.7	1528	6.81	7.3	0.5	3.7	2.2	38	0.2	0.2	0.2	211	0.86	0.166
1125211	Soil		1.5	14.1	6.8	66	<0.1	7.8	9.0	698	2.17	4.9	1.3	1.0	7.6	35	<0.1	<0.1	0.2	26	0.47	0.048
1125210	Soil		1.0	32.3	9.8	84	<0.1	17.3	16.9	637	3.65	7.5	1.0	2.1	8.0	48	0.2	0.3	0.2	79	0.26	0.034
1125209	Soil		1.3	27.2	14.6	75	<0.1	34.8	16.4	369	4.23	11.4	0.6	1.2	5.2	17	0.1	0.5	0.2	106	0.12	0.019
1125208	Soil		0.7	37.7	11.3	90	<0.1	24.3	16.2	466	3.65	5.4	1.2	1.8	12.3	46	<0.1	0.3	0.3	60	0.25	0.021
1125207	Soil		1.9	54.6	19.3	88	<0.1	33.0	23.1	653	5.28	11.6	0.8	2.4	6.3	75	<0.1	0.2	0.7	117	0.43	0.051
1125206	Soil		1.1	9.5	8.7	67	<0.1	17.3	11.8	554	4.02	7.2	0.8	<0.5	5.3	20	0.2	0.2	0.2	95	0.24	0.034
1125205	Soil		1.4	16.1	37.8	101	<0.1	21.9	14.4	812	5.20	7.3	0.6	0.5	6.7	45	<0.1	<0.1	0.4	177	0.48	0.092
1125204	Soil		0.4	18.1	8.8	53	<0.1	18.3	9.5	402	2.50	8.2	0.6	0.6	8.2	24	<0.1	0.2	0.2	52	0.31	0.045
1125203	Soil		0.5	28.4	20.7	69	<0.1	22.3	16.5	482	3.86	9.7	1.2	0.7	5.8	32	0.1	0.2	0.2	83	0.48	0.047

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1115246	Soil	10	27	0.57	289	0.077	1	2.10	0.018	0.09	0.1	0.01	2.8	0.1	<0.05	7	<0.5	<0.2
1115238	Soil	7	26	0.67	122	0.124	<1	2.36	0.016	0.09	0.2	0.04	3.2	0.1	<0.05	6	<0.5	<0.2
1115247	Soil	7	11	0.16	131	0.017	<1	0.81	0.018	0.05	<0.1	0.04	0.4	<0.1	<0.05	3	<0.5	<0.2
1115248	Soil	3	7	0.18	62	0.039	<1	0.52	0.018	0.03	<0.1	0.02	0.6	<0.1	<0.05	3	<0.5	<0.2
1115600	Soil	8	41	0.98	185	0.133	<1	2.77	0.015	0.14	0.1	0.01	4.1	0.2	<0.05	8	<0.5	<0.2
1115599	Soil	13	48	1.49	254	0.164	2	2.80	0.018	0.26	<0.1	<0.01	6.6	0.2	<0.05	9	<0.5	<0.2
1127255	Soil	20	42	0.72	175	0.074	2	1.68	0.015	0.11	0.1	0.04	3.0	0.1	0.07	5	<0.5	<0.2
1125229	Soil	10	39	1.05	502	0.116	<1	1.96	0.013	0.12	0.2	0.02	5.4	<0.1	<0.05	6	<0.5	<0.2
1125226	Soil	17	43	1.73	629	0.110	<1	2.75	0.009	0.21	0.3	0.05	12.1	<0.1	<0.05	8	<0.5	<0.2
1125227	Soil	10	55	1.20	607	0.142	<1	2.50	0.008	0.35	0.2	<0.01	5.6	0.1	<0.05	8	<0.5	<0.2
1125212	Soil	32	238	2.83	193	0.030	<1	2.99	0.008	0.11	<0.1	0.03	7.3	<0.1	<0.05	15	<0.5	<0.2
1125228	Soil	10	35	1.00	487	0.125	1	1.98	0.014	0.12	0.2	0.02	5.4	<0.1	<0.05	6	<0.5	<0.2
1125215	Soil	3	12	0.53	103	0.014	<1	1.49	0.011	0.10	<0.1	<0.01	1.5	<0.1	<0.05	7	<0.5	<0.2
1125218	Soil	7	9	1.20	113	0.022	<1	1.99	0.013	0.14	<0.1	0.01	2.8	<0.1	<0.05	9	<0.5	<0.2
1125219	Soil	12	46	1.24	189	0.060	<1	3.01	0.008	0.15	<0.1	0.01	3.8	<0.1	<0.05	8	<0.5	<0.2
1125213	Soil	31	148	2.06	183	0.025	<1	2.42	0.008	0.10	0.1	0.02	5.4	<0.1	<0.05	11	<0.5	<0.2
1125217	Soil	18	38	1.48	277	0.205	<1	2.97	0.014	0.67	0.1	<0.01	18.1	0.3	<0.05	12	<0.5	<0.2
1125216	Soil	9	17	0.74	108	0.020	<1	2.03	0.006	0.14	0.1	<0.01	2.1	<0.1	<0.05	7	<0.5	<0.2
1125214	Soil	7	14	0.79	140	0.011	1	2.00	0.007	0.10	<0.1	<0.01	1.5	<0.1	<0.05	6	<0.5	<0.2
1125225	Soil	19	36	1.44	511	0.067	<1	2.35	0.008	0.18	0.3	0.03	8.6	<0.1	<0.05	8	<0.5	<0.2
1125224	Soil	11	56	2.50	347	0.055	<1	3.25	0.017	0.08	0.4	0.05	23.2	<0.1	<0.05	9	0.7	<0.2
1125211	Soil	13	11	0.77	79	0.005	<1	1.44	0.008	0.09	<0.1	<0.01	1.8	<0.1	<0.05	5	<0.5	<0.2
1125210	Soil	14	25	1.06	265	0.120	<1	2.17	0.010	0.14	0.1	0.02	3.7	<0.1	<0.05	7	<0.5	<0.2
1125209	Soil	8	48	1.02	212	0.119	<1	3.47	0.011	0.06	0.1	0.02	3.8	0.1	<0.05	8	0.6	<0.2
1125208	Soil	18	34	1.12	172	0.082	<1	2.21	0.008	0.13	<0.1	0.02	3.8	0.1	<0.05	7	<0.5	<0.2
1125207	Soil	9	117	2.58	181	0.183	<1	3.62	0.015	0.51	<0.1	0.01	8.2	0.4	<0.05	11	<0.5	<0.2
1125206	Soil	6	33	2.33	180	0.179	<1	3.15	0.009	0.20	<0.1	0.01	5.2	0.1	<0.05	11	<0.5	<0.2
1125205	Soil	12	67	4.25	196	0.274	<1	4.74	0.015	0.73	<0.1	<0.01	12.4	0.4	<0.05	16	<0.5	<0.2
1125204	Soil	13	34	1.30	122	0.099	1	1.85	0.012	0.18	<0.1	<0.01	3.4	0.1	<0.05	7	<0.5	<0.2
1125203	Soil	26	89	2.31	231	0.228	2	3.08	0.019	0.22	0.1	0.02	5.6	0.3	<0.05	9	<0.5	<0.2

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Project: CHA
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000139.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1125202	Soil		0.2	35.6	12.0	77	<0.1	32.8	11.6	601	4.90	7.4	0.2	<0.5	1.3	109	<0.1	0.1	<0.1	106	0.64	0.082
1125181	Soil		0.6	39.9	21.0	130	0.1	10.8	7.8	689	3.67	8.8	0.5	0.7	4.7	42	0.6	0.3	0.2	89	0.18	0.023
1125182	Soil		1.5	22.0	16.1	52	0.2	21.4	8.7	242	3.11	13.2	0.5	1.1	3.6	26	0.2	0.5	0.2	77	0.20	0.021
1125183	Soil		0.6	44.4	32.1	100	<0.1	20.4	15.8	591	5.23	8.4	0.5	<0.5	3.7	36	0.2	0.2	0.2	155	0.22	0.023
1125184	Soil		0.5	34.2	19.7	76	<0.1	17.8	8.1	460	3.96	8.7	0.5	1.1	4.7	48	<0.1	0.2	0.2	104	0.31	0.036
1125185	Soil		0.4	13.8	18.0	85	<0.1	15.9	7.2	508	3.87	6.4	0.5	<0.5	3.8	89	0.2	0.1	0.1	108	0.27	0.052
1125186	Soil		1.2	42.2	18.2	68	0.3	28.4	11.8	290	3.82	13.6	0.4	3.0	4.1	19	0.2	0.6	0.2	86	0.15	0.016
1125223	Soil		1.5	32.8	11.0	61	<0.1	38.2	18.8	639	2.68	7.8	0.5	1.3	3.4	13	0.1	0.5	0.2	59	0.12	0.029
1118980	Soil		1.0	12.7	16.7	52	<0.1	12.5	9.0	514	2.29	3.6	1.0	1.9	3.1	70	<0.1	0.3	0.2	35	0.86	0.077
1118979	Soil		0.7	18.1	10.2	49	0.1	17.2	8.1	403	2.01	4.1	1.3	<0.5	2.1	89	0.2	0.3	0.2	37	1.32	0.078
1118982	Soil		1.0	17.7	11.7	63	<0.1	23.8	9.2	639	2.74	3.5	0.7	1.6	3.4	65	<0.1	0.4	0.1	44	0.77	0.100
1118981	Soil		1.7	17.8	20.5	58	<0.1	19.0	8.9	366	2.63	9.5	0.9	3.5	4.9	56	<0.1	0.5	0.3	50	0.60	0.039
1118978	Soil		1.6	15.2	27.8	87	0.2	12.5	10.3	539	2.85	6.3	0.8	1.4	3.5	53	0.2	0.8	0.4	49	0.78	0.088
1118975	Soil		0.7	6.1	12.2	39	<0.1	8.3	4.6	287	2.00	2.1	0.5	2.7	1.1	74	<0.1	0.2	<0.1	41	0.54	0.043
1118977	Soil		0.6	11.4	11.2	44	0.1	23.3	9.1	742	3.22	2.3	0.9	<0.5	2.1	81	<0.1	0.2	0.2	58	0.89	0.093
1118983	Soil		1.1	14.3	10.6	39	<0.1	16.5	7.1	434	2.25	4.4	0.8	<0.5	2.9	54	<0.1	0.3	0.1	39	0.60	0.053
1118961	Soil		0.6	26.0	7.5	38	0.2	21.7	10.3	494	2.45	5.2	1.2	2.2	2.0	64	0.1	0.5	0.1	46	1.15	0.075
1118952	Soil		0.9	12.1	8.2	53	<0.1	13.1	8.1	330	2.98	5.1	0.3	<0.5	2.3	15	<0.1	0.4	0.1	85	0.16	0.031
1118960	Soil		0.6	40.2	11.4	68	<0.1	27.1	14.8	452	3.97	4.1	1.0	0.7	3.5	28	0.1	0.5	0.2	74	0.60	0.074
1118969	Soil		0.9	9.5	7.8	35	<0.1	15.8	6.4	313	2.37	3.9	0.4	1.1	1.8	33	0.1	0.3	0.1	65	0.31	0.030
1118973	Soil		0.2	5.1	7.0	45	<0.1	9.3	5.7	403	1.89	2.6	0.6	<0.5	2.0	64	<0.1	0.1	<0.1	32	0.76	0.042
1118964	Soil		0.6	8.3	11.2	54	<0.1	20.0	11.0	441	2.52	3.0	0.7	<0.5	2.1	125	0.1	0.1	<0.1	55	0.93	0.059
1118955	Soil		1.2	34.5	8.9	78	<0.1	28.0	13.6	546	4.04	7.6	1.9	1.5	6.6	27	<0.1	0.6	0.2	84	0.37	0.035
1118957	Soil		0.8	22.3	7.8	65	0.1	24.4	15.1	1007	3.19	4.8	1.3	2.7	7.7	40	0.2	0.5	0.1	56	0.73	0.065
1125222	Soil		0.3	67.0	2.6	71	<0.1	20.9	47.4	1160	8.23	2.8	0.2	0.7	0.8	40	<0.1	<0.1	<0.1	256	0.95	0.176
1125221	Soil		0.5	82.3	4.0	85	<0.1	32.6	23.3	987	5.43	3.5	0.4	0.6	1.5	34	0.1	0.2	<0.1	153	0.52	0.113
1125220	Soil		1.3	61.0	20.8	104	0.1	32.9	15.5	644	3.07	3.2	1.3	2.4	13.7	14	0.2	0.1	0.3	37	0.37	0.062
1118965	Soil		0.6	12.0	10.4	68	<0.1	25.6	12.6	555	2.87	3.8	0.9	2.5	3.4	108	<0.1	0.2	<0.1	67	0.87	0.076
1118970	Soil		0.5	11.8	11.0	67	<0.1	19.4	13.5	908	2.73	1.1	1.2	1.7	2.8	144	0.1	<0.1	<0.1	57	1.08	0.141
1118974	Soil		0.8	8.8	11.0	41	<0.1	12.5	5.1	335	2.09	3.9	0.5	1.9	2.1	53	<0.1	0.2	0.1	48	0.32	0.030

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Project: CHA
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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1125202	Soil		5	113	3.20	289	0.234	1	4.25	0.024	1.12	<0.1	0.01	4.6	1.3	<0.05	11	<0.5	<0.2
1125181	Soil		5	25	1.29	234	0.190	2	3.03	0.016	0.38	<0.1	0.02	3.2	0.3	<0.05	10	<0.5	<0.2
1125182	Soil		10	34	0.60	190	0.097	1	2.25	0.013	0.07	0.1	0.03	2.7	0.1	<0.05	7	<0.5	<0.2
1125183	Soil		7	51	2.43	290	0.293	3	4.26	0.014	0.64	0.1	0.02	6.7	0.6	<0.05	11	<0.5	<0.2
1125184	Soil		16	50	2.02	250	0.109	1	3.67	0.011	0.47	<0.1	<0.01	5.5	0.4	<0.05	11	0.5	<0.2
1125185	Soil		6	54	2.18	278	0.191	<1	3.45	0.012	0.42	<0.1	<0.01	5.5	0.4	<0.05	11	<0.5	<0.2
1125186	Soil		8	43	0.83	202	0.119	1	2.73	0.010	0.07	0.2	0.02	3.2	0.1	<0.05	7	<0.5	<0.2
1125223	Soil		9	29	0.58	380	0.050	<1	2.08	0.011	0.07	0.2	<0.01	2.9	<0.1	<0.05	6	<0.5	<0.2
1118980	Soil		13	17	0.45	721	0.006	<1	2.10	0.015	0.16	<0.1	0.02	4.0	0.2	<0.05	5	<0.5	<0.2
1118979	Soil		14	20	0.44	423	0.008	2	1.58	0.018	0.07	<0.1	0.04	3.5	<0.1	<0.05	4	<0.5	<0.2
1118982	Soil		18	30	0.45	345	0.012	<1	2.06	0.025	0.16	<0.1	<0.01	5.1	0.1	<0.05	5	<0.5	<0.2
1118981	Soil		17	28	0.57	533	0.016	<1	2.21	0.020	0.09	<0.1	0.02	4.8	0.1	<0.05	6	<0.5	<0.2
1118978	Soil		17	22	0.51	624	0.003	<1	2.12	0.017	0.08	<0.1	0.03	5.9	0.1	<0.05	6	<0.5	<0.2
1118975	Soil		14	20	0.65	166	0.049	<1	1.81	0.024	0.08	<0.1	<0.01	2.3	<0.1	<0.05	7	0.7	<0.2
1118977	Soil		35	39	0.81	246	0.029	2	2.25	0.022	0.17	<0.1	0.01	6.1	<0.1	<0.05	5	<0.5	<0.2
1118983	Soil		15	24	0.45	332	0.007	<1	1.85	0.015	0.12	<0.1	<0.01	3.9	<0.1	<0.05	5	<0.5	<0.2
1118961	Soil		17	32	0.60	581	0.040	<1	1.67	0.018	0.05	0.2	0.06	5.2	<0.1	<0.05	5	0.7	<0.2
1118952	Soil		8	33	0.77	182	0.154	<1	1.75	0.010	0.25	0.1	<0.01	2.5	0.2	<0.05	9	<0.5	<0.2
1118960	Soil		12	41	0.84	345	0.070	<1	2.12	0.019	0.08	<0.1	0.01	8.3	<0.1	<0.05	7	<0.5	<0.2
1118969	Soil		8	32	0.49	177	0.051	<1	2.62	0.016	0.04	<0.1	0.01	2.9	<0.1	<0.05	9	<0.5	<0.2
1118973	Soil		19	17	0.75	165	0.037	<1	1.91	0.021	0.05	<0.1	0.01	3.6	<0.1	<0.05	6	<0.5	<0.2
1118964	Soil		12	41	1.00	236	0.170	<1	2.91	0.039	0.11	0.1	<0.01	4.2	<0.1	<0.05	8	<0.5	<0.2
1118955	Soil		23	53	1.16	392	0.126	<1	2.53	0.018	0.11	0.1	0.03	9.0	0.1	<0.05	9	<0.5	<0.2
1118957	Soil		23	44	0.87	452	0.108	1	1.93	0.015	0.25	<0.1	0.05	5.6	0.1	<0.05	7	<0.5	<0.2
1125222	Soil		2	46	4.23	265	0.138	<1	4.24	0.040	0.18	<0.1	<0.01	21.4	0.1	<0.05	10	<0.5	<0.2
1125221	Soil		5	49	1.93	446	0.120	<1	3.10	0.019	0.32	0.2	<0.01	9.2	0.1	<0.05	9	<0.5	<0.2
1125220	Soil		37	31	0.99	219	0.078	<1	1.97	0.008	0.37	<0.1	0.01	3.8	0.3	<0.05	7	<0.5	<0.2
1118965	Soil		18	49	1.32	229	0.149	1	2.55	0.041	0.12	0.1	0.01	7.5	<0.1	<0.05	7	<0.5	<0.2
1118970	Soil		27	45	1.79	115	0.107	1	2.22	0.047	0.10	<0.1	0.01	7.0	<0.1	<0.05	6	<0.5	<0.2
1118974	Soil		11	22	0.56	184	0.092	<1	1.95	0.018	0.07	0.1	<0.01	2.3	<0.1	<0.05	6	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1118963	Soil	0.4	20.0	11.3	49	0.1	15.7	8.5	487	2.29	3.3	1.6	1.8	3.5	89	0.1	0.2	0.1	53	0.92	0.058
1118972	Soil	0.9	13.5	10.6	54	<0.1	18.5	12.2	1028	2.96	2.1	1.1	<0.5	2.3	80	<0.1	0.1	<0.1	83	0.68	0.064
1118954	Soil	0.8	13.2	6.2	57	<0.1	14.0	10.0	1083	3.19	3.0	0.4	1.1	2.9	20	0.2	0.3	0.2	75	0.24	0.059
1118959	Soil	1.2	26.4	10.1	55	0.2	20.9	10.1	371	2.77	6.2	0.9	1.0	3.2	40	<0.1	0.6	0.2	67	0.66	0.035
1118967	Soil	1.2	9.4	6.7	36	<0.1	13.6	5.4	231	2.17	4.2	0.3	<0.5	1.3	25	0.1	0.3	0.1	56	0.19	0.039
1118962	Soil	0.5	19.7	7.6	48	<0.1	17.6	11.0	495	2.45	4.7	1.2	0.9	2.7	61	0.2	0.4	0.1	58	0.90	0.072
1118951	Soil	1.0	15.0	7.6	66	<0.1	26.0	8.2	278	3.61	7.4	0.6	1.5	4.8	9	<0.1	0.4	0.1	72	0.08	0.035
1118958	Soil	0.7	30.8	9.2	64	0.1	26.0	11.8	429	3.10	7.7	1.2	2.7	5.0	37	0.1	0.6	0.2	64	0.57	0.056
1118956	Soil	0.8	32.3	5.9	87	<0.1	22.0	17.1	655	4.28	3.7	1.0	1.4	6.3	22	<0.1	0.4	<0.1	81	0.61	0.100
1118976	Soil	1.0	9.0	9.7	54	<0.1	10.7	5.4	781	2.40	2.5	0.4	0.9	1.3	36	0.3	0.4	0.1	53	0.30	0.077
1116032	Soil	0.5	30.8	5.1	67	<0.1	36.8	14.9	510	3.69	4.5	1.0	0.8	6.7	20	<0.1	0.3	<0.1	69	0.30	0.049
1116016	Soil	1.8	24.6	5.7	45	<0.1	9.6	10.4	347	4.10	1.7	1.4	1.7	8.6	8	<0.1	0.3	0.4	48	0.10	0.038
1116011	Soil	1.0	23.9	10.3	62	<0.1	18.5	14.4	669	3.98	5.5	0.6	<0.5	3.4	19	<0.1	0.4	0.1	92	0.19	0.027
1116015	Soil	0.6	19.5	6.7	63	<0.1	17.5	10.9	316	3.67	2.6	0.7	1.9	6.9	12	<0.1	0.4	<0.1	45	0.14	0.038
1116013	Soil	0.9	35.9	5.5	68	<0.1	12.5	20.7	979	5.46	3.2	0.8	2.0	3.4	35	<0.1	0.5	<0.1	108	0.42	0.075
1116018	Soil	1.0	12.9	9.8	51	<0.1	16.9	9.0	383	3.03	8.3	0.4	0.7	3.9	12	0.1	0.4	0.2	68	0.11	0.033
1116019	Soil	0.3	11.7	5.0	60	<0.1	5.7	6.7	499	3.16	1.1	0.8	<0.5	10.5	14	<0.1	0.1	0.1	27	0.32	0.067
1116017	Soil	1.1	11.6	7.8	45	<0.1	4.5	7.4	749	2.91	3.7	0.7	<0.5	7.3	7	<0.1	0.3	0.2	28	0.06	0.060
1116014	Soil	0.7	28.1	5.0	73	<0.1	11.4	18.0	506	5.06	3.7	0.2	1.0	1.3	13	<0.1	0.4	<0.1	110	0.21	0.041
1116031	Soil	0.5	25.7	4.9	71	<0.1	11.0	16.9	443	4.36	4.9	0.2	2.9	0.9	12	<0.1	0.4	<0.1	105	0.34	0.062
1116029	Soil	1.0	36.6	8.3	87	<0.1	15.2	10.8	680	4.34	7.8	0.8	1.5	5.7	22	0.2	0.4	<0.1	70	0.40	0.036
1116030	Soil	0.6	65.2	6.2	70	<0.1	20.1	14.8	538	4.17	3.3	0.8	<0.5	9.3	13	<0.1	0.2	0.2	79	0.18	0.027
1116028	Soil	0.7	17.3	7.2	39	<0.1	21.7	9.3	236	2.31	6.7	0.5	1.6	2.8	15	<0.1	0.3	0.1	55	0.19	0.018
1116025	Soil	1.0	21.8	9.4	63	<0.1	21.5	11.1	438	3.41	6.6	0.9	4.5	7.1	12	0.2	0.4	0.2	58	0.25	0.040
1116027	Soil	1.0	26.5	6.3	59	<0.1	45.1	16.6	403	3.89	6.4	0.2	<0.5	1.1	15	<0.1	0.3	<0.1	111	0.21	0.023
1116026	Soil	1.7	10.4	3.5	73	<0.1	10.3	16.8	731	4.62	2.0	0.3	<0.5	2.5	12	0.1	0.2	<0.1	91	0.36	0.076
1118953	Soil	1.5	28.7	7.3	136	<0.1	19.5	15.1	803	4.72	6.1	0.4	<0.5	4.8	18	0.2	0.3	0.1	98	0.35	0.047
1118968	Soil	1.0	10.8	8.1	61	<0.1	19.5	8.3	287	2.66	4.8	0.4	0.6	1.9	82	0.1	0.4	0.1	72	0.23	0.023
1118971	Soil	0.6	11.1	14.4	58	<0.1	17.3	12.2	658	2.59	1.7	1.0	0.8	2.7	103	<0.1	0.1	<0.1	56	1.02	0.125
1118966	Soil	0.3	17.1	10.1	56	0.1	21.2	11.6	590	2.52	2.0	0.9	<0.5	2.0	128	0.2	0.2	<0.1	64	1.09	0.088

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Project: CHA
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000139.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1118963	Soil		23	27	0.76	345	0.071	1	2.31	0.028	0.07	0.2	0.05	5.6	<0.1	<0.05	7	<0.5	<0.2
1118972	Soil		18	40	1.25	234	0.029	<1	2.76	0.026	0.06	<0.1	0.01	5.5	<0.1	<0.05	8	<0.5	<0.2
1118954	Soil		12	34	0.90	449	0.114	<1	1.59	0.017	0.19	<0.1	0.02	4.1	<0.1	<0.05	9	<0.5	<0.2
1118959	Soil		14	33	0.73	371	0.074	1	1.92	0.023	0.06	0.2	0.02	4.2	<0.1	<0.05	7	<0.5	<0.2
1118967	Soil		6	25	0.30	138	0.064	<1	1.95	0.017	0.04	0.1	0.02	2.0	<0.1	<0.05	8	<0.5	<0.2
1118962	Soil		16	31	0.77	396	0.057	1	1.78	0.024	0.06	0.2	0.05	5.1	<0.1	<0.05	5	<0.5	<0.2
1118951	Soil		13	31	0.68	147	0.099	2	2.04	0.008	0.25	0.1	0.02	3.1	0.2	<0.05	8	<0.5	<0.2
1118958	Soil		17	40	0.81	413	0.081	1	1.96	0.021	0.07	0.1	0.04	5.9	<0.1	<0.05	6	<0.5	<0.2
1118956	Soil		17	51	1.49	442	0.070	1	2.62	0.016	0.11	<0.1	0.01	8.4	<0.1	<0.05	9	<0.5	<0.2
1118976	Soil		9	24	0.45	204	0.043	<1	1.65	0.015	0.07	<0.1	0.02	2.2	<0.1	<0.05	8	<0.5	<0.2
1116032	Soil		26	92	1.94	171	0.218	<1	2.68	0.013	0.22	0.1	<0.01	5.5	0.2	<0.05	10	<0.5	<0.2
1116016	Soil		24	18	0.92	304	0.027	1	2.22	0.008	0.23	<0.1	<0.01	5.6	0.1	<0.05	7	<0.5	<0.2
1116011	Soil		12	31	0.81	408	0.043	2	2.47	0.015	0.08	<0.1	0.01	7.3	<0.1	<0.05	9	<0.5	<0.2
1116015	Soil		16	20	0.93	287	0.011	<1	1.94	0.007	0.10	<0.1	<0.01	5.0	<0.1	<0.05	6	<0.5	<0.2
1116013	Soil		13	25	1.24	873	0.025	<1	2.53	0.010	0.05	<0.1	0.04	17.4	<0.1	<0.05	10	<0.5	<0.2
1116018	Soil		10	28	0.48	253	0.064	<1	2.01	0.008	0.12	0.2	0.01	2.3	<0.1	<0.05	7	<0.5	<0.2
1116019	Soil		26	11	0.83	412	0.072	<1	1.62	0.007	0.36	<0.1	0.01	5.0	0.1	<0.05	7	<0.5	<0.2
1116017	Soil		21	10	0.35	221	0.016	<1	1.14	0.006	0.12	<0.1	<0.01	2.4	<0.1	<0.05	4	<0.5	<0.2
1116014	Soil		4	20	1.23	216	0.077	<1	2.68	0.015	0.06	<0.1	<0.01	7.5	<0.1	<0.05	10	<0.5	<0.2
1116031	Soil		3	15	0.90	241	0.094	<1	2.16	0.018	0.14	<0.1	<0.01	5.3	<0.1	<0.05	8	<0.5	<0.2
1116029	Soil		7	25	1.03	287	0.200	1	2.61	0.009	0.29	0.2	0.01	2.9	0.1	<0.05	12	<0.5	<0.2
1116030	Soil		17	37	1.91	136	0.215	<1	2.95	0.010	0.14	0.1	<0.01	5.3	<0.1	<0.05	11	<0.5	<0.2
1116028	Soil		8	40	0.63	217	0.071	1	1.71	0.015	0.06	0.1	0.01	3.0	<0.1	<0.05	5	<0.5	<0.2
1116025	Soil		19	46	0.81	255	0.093	1	2.44	0.011	0.24	0.1	0.02	3.8	0.1	<0.05	7	<0.5	<0.2
1116027	Soil		3	140	1.29	166	0.182	<1	2.49	0.012	0.07	0.1	0.01	3.7	<0.1	<0.05	7	<0.5	<0.2
1116026	Soil		8	21	1.76	389	0.175	<1	3.13	0.013	0.52	<0.1	0.03	6.6	0.2	<0.05	11	<0.5	<0.2
1118953	Soil		11	45	1.41	294	0.217	<1	2.81	0.011	0.52	0.1	0.03	4.7	0.2	<0.05	11	0.5	<0.2
1118968	Soil		9	38	0.66	150	0.064	<1	3.10	0.016	0.03	0.1	0.02	3.1	<0.1	<0.05	7	<0.5	<0.2
1118971	Soil		28	35	1.28	142	0.117	1	1.94	0.031	0.12	0.1	0.01	5.6	<0.1	<0.05	5	<0.5	<0.2
1118966	Soil		23	43	1.18	223	0.119	1	2.41	0.040	0.08	0.1	0.03	5.5	<0.1	<0.05	6	<0.5	<0.2

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Project: CHA
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000139.1

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1116001	Soil	0.7	37.6	6.9	85	<0.1	24.2	20.9	652	4.59	2.8	0.3	<0.5	2.9	17	<0.1	0.3	<0.1	111	0.29	0.040
1116006	Soil	0.4	48.0	7.0	90	<0.1	20.7	28.0	986	5.24	2.3	0.7	1.8	3.8	28	<0.1	0.4	<0.1	126	0.52	0.049
1116002	Soil	0.3	26.9	6.8	74	<0.1	17.9	17.6	513	3.80	2.4	0.4	<0.5	4.7	21	<0.1	0.4	<0.1	79	0.31	0.022
1116009	Soil	0.8	30.4	7.1	85	<0.1	19.8	25.6	1008	5.57	2.5	0.4	<0.5	2.4	7	0.1	0.3	0.1	120	0.21	0.032
1116005	Soil	1.4	63.2	3.5	110	<0.1	14.1	24.0	897	5.83	2.7	0.5	<0.5	4.5	11	0.1	0.4	0.1	135	0.26	0.044
1116007	Soil	0.4	34.1	7.0	72	<0.1	34.8	19.2	738	4.46	1.8	0.6	1.8	5.1	29	<0.1	0.4	0.1	98	0.67	0.057
1116010	Soil	0.9	30.6	9.6	80	<0.1	18.1	23.7	615	5.51	3.9	0.5	<0.5	3.0	11	<0.1	0.4	0.1	117	0.13	0.037
1116003	Soil	0.6	29.4	8.7	63	<0.1	18.5	15.9	524	3.61	4.1	0.8	2.4	5.8	25	<0.1	0.5	<0.1	70	0.29	0.028
1116004	Soil	0.8	32.6	9.1	69	<0.1	23.8	16.5	703	4.19	4.7	0.7	1.9	5.4	31	<0.1	0.6	0.1	87	0.48	0.046
1116008	Soil	1.1	15.8	5.1	87	<0.1	14.0	21.9	705	5.79	2.7	0.4	<0.5	2.6	17	<0.1	0.2	0.1	143	0.35	0.030
1116020	Soil	0.5	10.9	4.9	55	<0.1	7.5	7.3	483	3.10	1.7	0.9	<0.5	10.2	13	<0.1	0.2	<0.1	24	0.24	0.052
1116012	Soil	1.1	24.6	14.0	54	<0.1	10.7	6.9	250	2.81	4.2	1.4	<0.5	9.5	14	<0.1	1.5	<0.1	19	0.07	0.021
1113327	Soil	0.5	42.2	7.8	88	<0.1	15.6	10.3	579	3.52	3.5	1.3	3.0	9.6	44	<0.1	0.3	0.1	62	0.61	0.068
1113329	Soil	0.7	22.9	9.7	70	<0.1	20.9	12.4	479	3.28	6.9	1.1	4.8	9.3	28	<0.1	0.4	0.1	63	0.36	0.034
1113328	Soil	0.4	43.9	5.1	90	<0.1	16.0	16.6	734	4.44	2.6	1.0	1.0	6.9	41	<0.1	0.2	<0.1	108	0.84	0.141
1113331	Soil	0.7	22.2	7.5	70	<0.1	20.0	11.8	447	3.41	6.9	1.1	2.8	12.1	20	<0.1	0.4	0.1	60	0.29	0.025
1113330	Soil	0.9	13.7	7.7	68	<0.1	13.2	10.0	462	3.01	4.1	0.8	1.7	8.0	17	<0.1	0.2	0.1	49	0.34	0.034
1113326	Soil	0.4	39.8	10.2	51	0.2	44.5	12.8	461	2.42	4.9	0.9	17.3	2.3	63	0.3	0.7	0.2	53	1.72	0.076
1113334	Soil	0.7	19.8	6.9	69	<0.1	16.0	10.4	459	3.10	3.8	1.0	2.4	9.8	20	<0.1	0.3	0.2	51	0.37	0.026
1113332	Soil	0.7	16.8	6.0	73	<0.1	15.3	10.2	410	3.01	4.9	0.8	0.7	9.3	17	<0.1	0.3	<0.1	47	0.16	0.022
1113335	Soil	0.8	13.1	4.4	67	<0.1	10.2	9.2	413	3.05	0.7	0.7	<0.5	7.7	12	<0.1	0.1	0.1	41	0.15	0.028
1113333	Soil	0.6	20.1	6.1	75	<0.1	13.7	9.8	526	3.07	2.4	1.2	2.0	10.7	21	<0.1	0.2	0.1	44	0.25	0.032
1113336	Soil	1.1	19.7	6.5	82	0.2	10.2	10.5	421	3.21	2.2	2.1	2.4	9.2	31	<0.1	0.2	0.1	48	0.34	0.041
1113312	Soil	0.4	21.7	8.9	56	<0.1	30.0	10.1	516	1.87	3.7	1.2	8.5	1.1	57	0.3	0.4	0.1	41	1.03	0.063
1113311	Soil	0.5	10.7	16.8	33	<0.1	15.5	5.6	216	1.47	2.9	0.5	<0.5	1.9	67	<0.1	0.3	<0.1	34	0.27	0.018
1113310	Soil	0.8	11.1	12.7	36	<0.1	11.6	4.9	198	1.70	5.0	0.5	0.6	1.5	28	<0.1	0.3	0.1	42	0.21	0.021
1113309	Soil	0.9	12.1	16.1	45	<0.1	14.2	7.3	239	2.15	6.4	0.6	0.6	2.5	32	<0.1	0.4	0.2	49	0.15	0.016
1113307	Soil	0.7	13.8	14.5	49	<0.1	15.8	6.7	225	2.10	6.3	0.6	1.0	2.5	59	<0.1	0.5	0.2	47	0.26	0.027
1116023	Soil	0.4	15.5	5.0	90	<0.1	11.4	11.4	717	3.99	1.3	1.1	<0.5	8.2	7	<0.1	0.1	0.1	53	0.17	0.071
1116024	Soil	1.1	20.6	6.5	80	<0.1	17.9	16.0	448	4.06	1.9	0.9	0.7	5.9	12	<0.1	0.2	<0.1	67	0.11	0.016

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1116001	Soil		8	72	1.83	258	0.168	<1	3.01	0.009	0.48	<0.1	0.01	5.2	0.2	<0.05	10	<0.5	<0.2
1116006	Soil		20	36	1.56	861	0.072	<1	2.55	0.014	0.17	<0.1	0.01	11.8	<0.1	<0.05	8	0.6	<0.2
1116002	Soil		18	46	1.34	468	0.106	<1	2.51	0.008	0.21	<0.1	0.01	4.6	0.2	<0.05	7	<0.5	<0.2
1116009	Soil		6	34	1.96	264	0.069	<1	3.09	0.006	0.33	<0.1	<0.01	7.7	<0.1	<0.05	9	<0.5	<0.2
1116005	Soil		8	29	1.55	326	0.148	<1	3.02	0.009	0.41	0.1	0.01	6.5	0.1	<0.05	10	<0.5	<0.2
1116007	Soil		19	47	1.58	959	0.066	<1	2.61	0.013	0.18	<0.1	0.03	10.5	0.1	<0.05	8	<0.5	<0.2
1116010	Soil		8	35	1.48	350	0.024	<1	2.88	0.007	0.14	<0.1	<0.01	9.3	<0.1	<0.05	9	<0.5	<0.2
1116003	Soil		25	34	0.91	714	0.071	<1	2.14	0.008	0.16	<0.1	0.03	6.1	0.1	<0.05	7	<0.5	<0.2
1116004	Soil		15	35	1.04	742	0.087	<1	2.06	0.013	0.22	<0.1	0.02	6.8	0.1	<0.05	8	<0.5	<0.2
1116008	Soil		10	29	2.30	464	0.180	<1	3.68	0.010	0.34	<0.1	0.01	8.6	0.1	<0.05	13	<0.5	<0.2
1116020	Soil		29	10	0.73	274	0.042	<1	1.46	0.008	0.17	<0.1	<0.01	3.4	<0.1	<0.05	7	<0.5	<0.2
1116012	Soil		27	9	0.15	289	0.003	<1	1.06	0.005	0.11	<0.1	<0.01	2.2	<0.1	<0.05	2	<0.5	<0.2
1113327	Soil		22	23	0.90	380	0.110	<1	1.90	0.010	0.28	<0.1	0.02	4.0	0.1	<0.05	7	<0.5	<0.2
1113329	Soil		33	39	0.85	234	0.127	<1	2.07	0.013	0.17	0.1	0.02	3.5	0.1	<0.05	6	<0.5	<0.2
1113328	Soil		23	33	1.53	381	0.195	<1	2.51	0.014	0.42	0.1	<0.01	4.7	0.1	<0.05	11	<0.5	<0.2
1113331	Soil		17	33	0.86	155	0.148	1	2.07	0.011	0.30	0.1	0.02	2.9	0.2	<0.05	7	<0.5	<0.2
1113330	Soil		15	22	0.84	157	0.128	<1	1.74	0.008	0.30	0.1	0.02	2.4	0.2	<0.05	7	<0.5	<0.2
1113326	Soil		15	94	0.85	457	0.037	2	1.50	0.013	0.07	0.2	0.05	3.4	<0.1	0.06	4	<0.5	<0.2
1113334	Soil		26	27	1.00	174	0.124	<1	1.87	0.010	0.25	0.1	0.01	3.3	0.1	<0.05	7	<0.5	<0.2
1113332	Soil		13	26	0.84	128	0.131	2	1.87	0.010	0.31	0.1	0.01	2.5	0.2	<0.05	6	<0.5	<0.2
1113335	Soil		16	21	1.16	127	0.146	1	1.96	0.009	0.52	<0.1	<0.01	2.8	0.2	<0.05	7	<0.5	<0.2
1113333	Soil		23	23	0.90	199	0.117	2	1.63	0.011	0.35	<0.1	0.01	3.4	0.1	<0.05	7	<0.5	<0.2
1113336	Soil		19	17	1.02	165	0.104	<1	1.99	0.010	0.31	<0.1	0.02	3.9	0.1	<0.05	7	<0.5	<0.2
1113312	Soil		8	63	0.70	305	0.035	3	1.29	0.014	0.04	0.1	0.04	2.6	<0.1	<0.05	4	<0.5	<0.2
1113311	Soil		6	35	0.39	214	0.034	1	1.10	0.009	0.06	0.1	<0.01	1.7	<0.1	<0.05	3	<0.5	<0.2
1113310	Soil		8	22	0.35	188	0.038	1	1.17	0.009	0.05	0.1	0.01	2.0	<0.1	<0.05	4	<0.5	<0.2
1113309	Soil		11	26	0.42	195	0.049	1	1.62	0.008	0.06	<0.1	0.02	2.4	<0.1	<0.05	5	<0.5	<0.2
1113307	Soil		8	28	0.46	251	0.047	1	1.56	0.012	0.05	0.1	0.03	2.6	<0.1	<0.05	4	<0.5	<0.2
1116023	Soil		12	19	1.26	344	0.267	2	2.49	0.010	1.12	<0.1	<0.01	4.5	0.4	<0.05	10	<0.5	<0.2
1116024	Soil		26	59	1.49	289	0.158	<1	2.78	0.010	0.38	<0.1	0.01	4.7	0.2	<0.05	8	<0.5	<0.2

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Project: CHA
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000139.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1116021	Soil		0.9	19.6	8.9	57	<0.1	19.0	9.5	294	2.94	7.5	0.7	2.3	5.4	13	0.1	0.5	0.1	47	0.12	0.028
1116022	Soil		0.5	17.5	7.2	84	<0.1	10.6	12.3	490	3.57	1.6	1.0	<0.5	7.0	13	0.1	0.2	<0.1	58	0.17	0.042
1113324	Soil		0.3	41.1	7.8	56	0.1	19.5	10.1	432	2.19	4.3	1.2	4.3	1.8	43	0.2	0.5	0.1	48	1.22	0.054
1113325	Soil		0.3	42.2	8.9	57	0.3	23.3	10.5	400	2.44	4.5	0.6	67.1	2.2	35	0.1	0.7	0.1	48	0.96	0.058
1113322	Soil		0.3	37.6	9.1	51	0.1	19.9	10.2	474	2.16	4.6	0.7	4.1	2.2	35	0.2	0.6	0.1	43	1.04	0.042
1113323	Soil		0.2	37.6	7.0	45	0.1	17.3	8.7	360	1.85	3.6	1.0	4.9	1.4	46	0.2	0.5	0.1	38	1.45	0.045
1113321	Soil		0.5	43.1	12.5	58	0.1	23.7	11.4	443	2.62	5.7	0.5	5.4	2.6	31	0.1	0.6	0.2	51	0.76	0.040
1113320	Soil		0.6	62.1	10.8	54	0.1	29.2	11.8	419	2.59	4.3	0.5	7.3	2.0	38	0.2	0.5	0.1	52	1.08	0.055
1113313	Soil		0.4	36.6	10.9	52	<0.1	60.7	12.9	531	2.24	5.1	0.8	1.5	1.5	66	0.2	0.5	0.1	58	1.15	0.067
1113317	Soil		0.4	65.8	11.6	46	0.1	100.1	16.2	515	2.24	3.6	1.1	14.3	2.3	69	0.1	0.6	0.1	61	1.71	0.112
1113316	Soil		0.5	25.0	18.0	47	0.1	28.4	7.8	352	1.93	4.9	3.2	5.4	1.9	38	0.1	0.4	0.1	39	0.96	0.037
1113314	Soil		0.5	25.0	13.3	47	0.1	28.0	9.4	415	2.14	5.7	0.9	2.4	1.8	44	0.2	0.5	0.1	45	1.00	0.039
1113315	Soil		0.5	28.4	14.5	52	0.1	30.2	10.8	495	2.50	6.8	1.1	4.1	2.8	33	<0.1	0.5	0.2	54	0.64	0.037
1113318	Soil		0.4	72.2	10.4	52	0.1	48.7	14.1	576	2.61	3.7	0.8	19.4	2.0	46	0.1	0.5	0.1	54	1.17	0.077
1113302	Soil		0.7	16.2	14.0	46	<0.1	15.7	7.9	370	2.06	5.8	0.7	2.8	2.7	46	<0.1	0.4	0.1	45	0.21	0.027
1113301	Soil		0.3	8.6	9.4	30	<0.1	9.2	4.3	223	1.21	2.7	0.5	0.8	2.0	54	<0.1	0.3	<0.1	27	0.13	0.014
1113304	Soil		0.5	11.1	15.2	48	<0.1	11.9	5.4	456	1.58	3.7	0.7	2.5	1.9	54	0.1	0.4	0.1	34	0.17	0.028
1113303	Soil		0.9	17.2	17.8	53	<0.1	15.4	7.3	346	2.40	7.4	0.9	4.6	2.9	38	0.2	0.5	0.2	57	0.21	0.029
1113305	Soil		0.8	14.9	17.7	48	0.1	14.3	7.5	377	2.13	6.3	1.0	1.5	2.1	51	0.1	0.4	0.2	49	0.19	0.025
1113308	Soil		0.5	7.8	16.7	34	<0.1	8.6	5.3	200	1.41	2.9	0.4	1.0	2.1	95	<0.1	0.3	<0.1	29	0.10	0.019
1113306	Soil		0.7	12.8	14.9	45	<0.1	15.4	5.9	250	1.91	5.4	0.6	17.2	2.3	55	<0.1	0.4	0.1	44	0.21	0.024
1119227	Soil		0.6	35.9	5.2	64	<0.1	14.2	14.6	454	4.03	4.0	0.5	<0.5	2.2	13	<0.1	0.4	0.2	105	0.13	0.020
1119229	Soil		0.3	20.0	2.4	59	<0.1	9.6	8.0	433	3.26	0.9	1.0	<0.5	5.1	6	<0.1	0.1	0.1	81	0.12	0.031
1119231	Soil		0.8	31.5	8.7	57	0.1	25.8	12.0	259	3.19	8.7	0.5	2.0	2.7	18	0.1	0.5	0.1	70	0.18	0.021
1119225	Soil		0.8	21.8	9.3	54	<0.1	24.8	10.1	218	2.71	9.8	0.6	3.6	4.2	13	0.1	0.6	0.2	64	0.12	0.013
1119228	Soil		0.5	26.0	2.6	65	<0.1	11.7	10.0	485	3.66	4.1	0.9	<0.5	5.7	6	0.1	0.1	0.2	101	0.13	0.031
1119232	Soil		0.8	23.9	5.2	75	<0.1	15.3	16.9	441	5.31	5.3	0.4	<0.5	2.1	8	0.1	0.3	0.1	136	0.13	0.024
1119234	Soil		1.2	20.2	9.5	77	<0.1	17.2	18.6	473	5.16	11.6	0.5	2.3	2.7	18	0.1	0.4	0.2	125	0.27	0.072
1119230	Soil		1.0	18.2	7.8	73	<0.1	13.8	14.4	392	4.13	7.8	0.3	<0.5	2.0	16	<0.1	0.3	0.1	116	0.16	0.026
1119226	Soil		0.3	46.7	1.7	102	<0.1	8.1	19.3	474	4.63	5.4	0.2	<0.5	1.1	30	<0.1	0.1	<0.1	165	0.23	0.038

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Project: CHA
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000139.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1116021	Soil		11	23	0.71	178	0.101	1	2.19	0.008	0.18	0.1	0.02	3.2	0.2	<0.05	6	<0.5	<0.2
1116022	Soil		19	21	1.09	361	0.165	<1	2.12	0.009	0.47	<0.1	<0.01	3.6	0.2	<0.05	8	<0.5	<0.2
1113324	Soil		10	27	0.63	250	0.042	1	1.59	0.016	0.04	0.2	0.04	3.5	<0.1	<0.05	4	<0.5	<0.2
1113325	Soil		11	32	0.68	382	0.038	2	1.66	0.016	0.05	0.2	0.04	4.0	<0.1	<0.05	4	<0.5	<0.2
1113322	Soil		10	24	0.55	369	0.041	2	1.53	0.016	0.04	0.1	0.04	3.4	<0.1	<0.05	4	<0.5	<0.2
1113323	Soil		8	22	0.52	276	0.037	3	1.41	0.017	0.04	0.1	0.03	2.8	<0.1	<0.05	4	<0.5	<0.2
1113321	Soil		12	32	0.70	285	0.053	4	1.81	0.019	0.05	0.2	0.04	4.0	<0.1	<0.05	5	<0.5	<0.2
1113320	Soil		11	42	0.83	301	0.039	1	1.74	0.017	0.05	0.2	0.04	3.8	<0.1	<0.05	5	<0.5	<0.2
1113313	Soil		11	103	1.13	432	0.052	1	1.51	0.014	0.04	0.1	0.03	3.3	<0.1	<0.05	5	<0.5	<0.2
1113317	Soil		14	139	1.87	526	0.060	4	1.67	0.012	0.03	0.1	0.03	3.8	<0.1	<0.05	5	<0.5	<0.2
1113316	Soil		10	45	0.60	361	0.031	4	1.56	0.017	0.05	<0.1	0.04	3.3	<0.1	<0.05	4	<0.5	<0.2
1113314	Soil		10	46	0.60	377	0.043	3	1.55	0.017	0.05	0.1	0.04	3.3	<0.1	<0.05	5	<0.5	<0.2
1113315	Soil		12	48	0.68	418	0.047	2	1.84	0.018	0.05	0.1	0.03	4.0	<0.1	<0.05	5	<0.5	<0.2
1113318	Soil		12	80	1.15	456	0.039	3	1.73	0.013	0.04	0.2	0.04	4.1	<0.1	<0.05	5	<0.5	<0.2
1113302	Soil		10	26	0.42	262	0.052	2	1.54	0.013	0.05	0.1	0.02	2.7	<0.1	<0.05	4	<0.5	<0.2
1113301	Soil		7	14	0.29	181	0.044	2	0.78	0.009	0.03	<0.1	<0.01	1.5	<0.1	<0.05	2	<0.5	<0.2
1113304	Soil		9	20	0.34	265	0.037	2	1.12	0.010	0.05	<0.1	0.02	1.9	<0.1	<0.05	3	<0.5	<0.2
1113303	Soil		10	30	0.42	344	0.043	2	2.03	0.010	0.06	0.1	0.02	3.6	<0.1	<0.05	6	<0.5	<0.2
1113305	Soil		10	24	0.40	346	0.034	2	1.67	0.009	0.06	0.1	0.03	2.9	<0.1	<0.05	5	<0.5	<0.2
1113308	Soil		6	18	0.28	249	0.023	2	1.13	0.008	0.05	<0.1	0.01	1.6	<0.1	<0.05	3	<0.5	<0.2
1113306	Soil		8	28	0.42	288	0.044	1	1.51	0.011	0.05	<0.1	<0.01	2.3	<0.1	<0.05	4	<0.5	<0.2
1119227	Soil		4	25	1.22	281	0.148	<1	2.53	0.010	0.23	<0.1	0.01	4.7	<0.1	<0.05	8	<0.5	<0.2
1119229	Soil		7	25	1.39	194	0.220	<1	2.25	0.012	0.49	<0.1	<0.01	4.7	0.1	<0.05	8	<0.5	<0.2
1119231	Soil		6	39	0.75	235	0.110	4	2.43	0.011	0.07	0.1	0.02	3.2	<0.1	<0.05	6	<0.5	<0.2
1119225	Soil		8	32	0.53	232	0.078	1	2.36	0.010	0.06	0.1	0.01	3.2	<0.1	<0.05	6	<0.5	<0.2
1119228	Soil		7	32	1.64	214	0.255	<1	2.72	0.014	0.55	0.1	0.01	5.3	0.2	<0.05	9	<0.5	<0.2
1119232	Soil		4	29	1.61	185	0.211	<1	2.68	0.017	0.18	0.1	0.01	7.3	<0.1	<0.05	11	<0.5	<0.2
1119234	Soil		6	26	1.20	357	0.207	<1	2.98	0.018	0.28	0.2	0.01	4.5	0.1	<0.05	11	<0.5	<0.2
1119230	Soil		4	39	1.36	168	0.216	3	2.39	0.012	0.15	0.1	0.01	3.3	0.1	<0.05	9	<0.5	<0.2
1119226	Soil		2	16	1.87	442	0.303	<1	2.74	0.015	0.68	<0.1	<0.01	3.8	0.2	<0.05	8	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1119233	Soil	1.0	20.6	8.6	47	<0.1	10.0	7.2	178	3.30	7.9	1.3	0.8	9.4	6	<0.1	0.3	0.1	32	0.05	0.017
1119214	Soil	0.3	193.2	3.4	83	<0.1	30.0	29.3	908	5.31	4.7	0.3	2.1	2.4	29	<0.1	0.3	<0.1	126	0.31	0.020
1119221	Soil	1.0	18.7	10.7	56	<0.1	21.3	11.0	272	3.36	11.3	0.5	0.9	3.8	16	<0.1	0.4	0.2	79	0.15	0.016
1119216	Soil	0.2	36.2	3.2	84	<0.1	14.0	21.0	585	3.69	5.4	0.3	<0.5	2.2	30	<0.1	0.4	<0.1	88	0.23	0.019
1119217	Soil	0.5	47.6	4.2	100	<0.1	19.7	20.8	592	4.23	6.9	0.2	<0.5	1.5	32	<0.1	0.2	<0.1	111	0.15	0.015
1119219	Soil	1.1	21.5	9.5	69	<0.1	17.6	12.5	371	3.52	9.6	0.4	<0.5	2.6	23	0.1	0.5	0.1	76	0.16	0.017
1119223	Soil	0.8	10.7	9.2	55	<0.1	9.4	15.2	278	5.28	6.1	0.8	<0.5	2.9	10	<0.1	0.5	0.1	116	0.10	0.028
1119215	Soil	0.2	54.5	5.5	80	<0.1	13.9	21.3	764	4.81	2.2	0.5	4.6	4.1	23	<0.1	1.0	<0.1	89	0.24	0.024
1119220	Soil	0.7	16.3	8.0	58	<0.1	13.3	9.5	312	2.63	5.4	0.3	0.6	2.2	22	<0.1	0.3	0.1	67	0.18	0.016
1119218	Soil	0.6	38.7	6.8	76	<0.1	19.4	17.5	449	3.90	5.9	0.3	2.6	2.4	22	<0.1	0.4	<0.1	84	0.14	0.015
1119222	Soil	0.8	15.0	8.8	64	<0.1	15.7	16.0	418	4.66	6.0	0.5	<0.5	3.5	13	<0.1	0.2	0.1	109	0.15	0.032
1119213	Soil	1.0	26.0	9.1	58	0.1	25.9	12.5	263	3.20	11.4	0.4	<0.5	3.2	15	0.1	0.5	0.2	77	0.13	0.020
1119224	Soil	0.8	27.2	9.2	57	<0.1	27.1	13.4	274	3.02	11.0	0.6	1.4	4.3	14	<0.1	0.6	0.2	70	0.14	0.017
1119210	Soil	0.9	28.9	10.5	62	<0.1	29.4	12.2	273	3.12	15.8	0.6	3.3	4.4	22	0.1	0.8	0.2	79	0.17	0.013
1119205	Soil	0.8	35.4	10.0	61	<0.1	22.8	12.7	360	3.20	10.9	0.6	1.7	4.2	18	0.1	0.5	0.2	76	0.20	0.025
1119208	Soil	1.3	78.8	11.8	68	<0.1	29.9	12.6	486	3.56	12.1	1.3	2.9	5.0	28	<0.1	0.5	0.2	89	0.33	0.036
1119201	Soil	0.8	171.0	9.1	58	<0.1	22.2	12.4	401	3.21	9.0	1.1	5.9	5.7	17	0.1	0.6	0.2	71	0.18	0.020
1119204	Soil	0.9	55.0	10.2	61	<0.1	23.0	12.2	478	3.18	12.1	1.1	2.6	6.6	26	<0.1	0.6	0.2	73	0.33	0.039
1119203	Soil	1.0	86.3	14.1	70	<0.1	25.4	13.1	395	3.33	10.5	0.9	3.4	6.3	23	<0.1	0.6	0.2	73	0.22	0.019
1119202	Soil	0.9	93.4	12.6	67	<0.1	24.3	11.5	403	3.07	10.4	0.8	3.3	5.6	19	<0.1	0.6	0.2	71	0.20	0.030
1119212	Soil	0.9	67.8	8.9	73	<0.1	31.2	17.3	422	3.71	11.0	0.5	1.7	3.3	27	0.1	0.6	0.1	102	0.21	0.012
1119209	Soil	0.5	60.1	7.7	78	<0.1	27.5	22.8	646	3.87	7.2	0.4	<0.5	2.6	36	0.1	0.4	<0.1	105	0.40	0.023
1119207	Soil	1.0	67.3	10.6	67	<0.1	22.7	15.5	782	3.77	8.3	0.8	1.9	3.3	31	<0.1	0.6	0.1	74	0.40	0.029
1119211	Soil	1.2	18.7	12.2	66	<0.1	23.6	8.2	241	3.17	12.1	0.4	4.3	2.7	17	<0.1	0.6	0.2	78	0.14	0.016
1119206	Soil	0.7	30.9	9.7	57	<0.1	22.8	11.3	298	2.86	10.5	0.8	1.0	4.3	19	<0.1	0.4	0.1	66	0.18	0.022
1115100	Soil	0.8	13.9	9.6	32	0.1	9.3	3.6	104	1.45	5.8	0.6	2.2	0.9	15	0.1	0.2	0.2	38	0.10	0.023
1115095	Soil	1.2	25.8	12.3	59	0.1	22.0	9.3	246	2.86	9.4	1.2	2.2	3.5	33	<0.1	0.3	0.2	76	0.28	0.041
1115094	Soil	0.7	20.3	9.8	54	<0.1	18.7	9.3	247	2.58	9.1	0.9	1.8	3.8	36	<0.1	0.4	0.1	74	0.29	0.042
1115093	Soil	1.1	23.8	12.0	53	0.1	19.8	9.0	242	2.65	9.9	1.2	3.1	3.2	29	0.1	0.3	0.2	74	0.27	0.041
1115096	Soil	1.7	15.4	15.2	47	0.2	12.5	5.8	235	2.32	9.1	0.5	1.7	2.1	22	0.2	0.3	0.3	81	0.14	0.042

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Project: CHA
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000139.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1119233	Soil		25	17	0.42	192	0.015	<1	2.04	0.007	0.12	<0.1	0.02	2.9	0.1	<0.05	5	<0.5	<0.2
1119214	Soil		5	85	2.53	268	0.079	<1	3.23	0.007	0.14	<0.1	0.01	11.1	<0.1	<0.05	8	<0.5	<0.2
1119221	Soil		11	37	0.69	309	0.074	<1	2.45	0.011	0.07	0.1	0.02	3.9	<0.1	<0.05	7	<0.5	<0.2
1119216	Soil		6	60	1.76	271	0.132	<1	2.77	0.007	0.52	<0.1	<0.01	4.9	0.2	<0.05	8	<0.5	<0.2
1119217	Soil		3	76	2.20	277	0.312	<1	3.05	0.010	0.72	0.2	<0.01	3.0	0.3	<0.05	8	<0.5	<0.2
1119219	Soil		6	43	0.94	217	0.117	<1	2.54	0.009	0.14	0.1	0.02	3.1	<0.1	<0.05	7	<0.5	<0.2
1119223	Soil		10	18	0.68	348	0.034	<1	2.75	0.009	0.22	<0.1	0.02	7.5	0.1	<0.05	8	<0.5	<0.2
1119215	Soil		15	55	1.88	234	0.062	<1	2.72	0.006	0.25	<0.1	0.01	9.8	0.1	<0.05	8	<0.5	<0.2
1119220	Soil		8	33	0.81	259	0.136	1	1.79	0.009	0.10	0.1	<0.01	2.8	<0.1	<0.05	7	<0.5	<0.2
1119218	Soil		5	59	1.57	197	0.161	1	2.83	0.008	0.17	0.1	0.01	4.2	0.1	<0.05	7	<0.5	<0.2
1119222	Soil		13	30	1.19	296	0.176	<1	2.90	0.011	0.40	<0.1	0.02	4.7	0.2	<0.05	9	<0.5	<0.2
1119213	Soil		9	54	0.73	157	0.111	1	2.34	0.010	0.08	0.1	0.02	3.4	<0.1	<0.05	6	<0.5	<0.2
1119224	Soil		10	38	0.68	182	0.108	<1	2.56	0.015	0.07	0.1	0.02	4.2	<0.1	<0.05	6	<0.5	<0.2
1119210	Soil		12	43	0.68	253	0.103	<1	2.46	0.016	0.07	0.1	0.03	4.4	0.1	<0.05	6	<0.5	<0.2
1119205	Soil		12	38	0.72	281	0.085	1	2.44	0.012	0.09	0.1	0.02	4.9	0.1	<0.05	6	<0.5	<0.2
1119208	Soil		17	47	0.68	731	0.078	<1	2.56	0.016	0.07	0.2	0.09	9.0	0.1	<0.05	7	<0.5	<0.2
1119201	Soil		18	39	0.75	317	0.072	<1	2.22	0.010	0.08	<0.1	0.02	5.2	0.1	<0.05	6	<0.5	<0.2
1119204	Soil		18	39	0.72	577	0.093	1	2.11	0.014	0.14	0.2	0.04	6.9	0.1	<0.05	6	<0.5	<0.2
1119203	Soil		17	42	0.75	343	0.082	3	2.45	0.013	0.09	0.2	0.03	5.3	0.1	<0.05	6	<0.5	<0.2
1119202	Soil		17	37	0.70	280	0.090	<1	2.09	0.016	0.09	0.1	0.03	5.5	0.1	<0.05	6	<0.5	<0.2
1119212	Soil		8	86	1.35	286	0.176	<1	2.68	0.011	0.11	0.1	0.02	4.6	0.2	<0.05	7	<0.5	<0.2
1119209	Soil		9	61	1.53	463	0.170	<1	2.55	0.016	0.18	<0.1	<0.01	6.4	0.1	<0.05	7	0.5	<0.2
1119207	Soil		17	36	0.79	1217	0.054	<1	1.98	0.014	0.10	0.1	0.02	10.5	<0.1	<0.05	5	<0.5	<0.2
1119211	Soil		9	32	0.52	337	0.062	<1	2.44	0.010	0.08	0.1	0.03	3.1	0.1	<0.05	8	<0.5	<0.2
1119206	Soil		14	38	0.69	305	0.087	3	2.14	0.014	0.08	0.1	0.04	5.2	<0.1	<0.05	5	<0.5	<0.2
1115100	Soil		5	18	0.28	103	0.080	<1	1.25	0.023	0.06	<0.1	0.03	1.8	<0.1	<0.05	5	0.5	<0.2
1115095	Soil		10	46	0.78	205	0.147	<1	2.17	0.015	0.11	0.2	0.03	4.3	0.1	<0.05	6	<0.5	<0.2
1115094	Soil		10	37	0.75	187	0.147	2	1.73	0.016	0.11	0.2	0.02	4.1	<0.1	<0.05	6	0.5	<0.2
1115093	Soil		11	39	0.67	186	0.129	<1	1.92	0.015	0.08	0.2	0.03	3.8	0.1	<0.05	7	<0.5	<0.2
1115096	Soil		10	27	0.45	117	0.128	<1	1.51	0.010	0.07	0.1	0.01	2.5	0.1	<0.05	9	0.5	<0.2

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Project: CHA
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000139.1

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1115092	Soil		1.0	22.4	12.2	56	<0.1	21.5	9.2	280	2.74	10.3	1.0	4.6	3.8	25	<0.1	0.4	0.2	76	0.22	0.032
1127688	Soil		1.0	27.1	12.1	70	0.1	16.3	14.6	289	3.84	14.0	0.8	2.8	3.1	36	0.1	0.3	0.2	104	0.30	0.067
1115098	Soil		1.0	33.7	16.7	95	<0.1	15.5	11.9	553	3.52	17.5	0.8	2.2	4.6	56	0.2	0.4	0.2	94	0.49	0.033
1115091	Soil		1.5	24.5	13.5	55	0.2	22.7	8.0	284	2.67	8.6	1.3	1.3	2.8	22	0.2	0.4	0.2	70	0.21	0.035
1115099	Soil		0.9	20.6	12.9	62	<0.1	17.1	9.0	298	2.77	12.6	0.7	1.8	4.1	34	<0.1	0.4	0.2	70	0.24	0.020
1127689	Soil		0.8	23.2	11.4	60	0.1	14.3	11.8	247	3.25	12.8	0.7	6.1	2.9	31	0.1	0.2	0.2	88	0.25	0.051
1115084	Soil		1.1	27.1	10.8	55	<0.1	14.7	7.6	385	2.45	6.7	0.9	8.1	1.8	30	0.1	0.3	0.2	60	0.27	0.041
1116896	Soil		1.7	12.3	11.2	48	<0.1	10.0	5.0	205	2.37	10.3	0.5	2.8	2.3	16	0.2	0.4	0.3	66	0.09	0.030
1116894	Soil		0.9	19.7	11.9	73	<0.1	17.5	12.5	463	3.64	9.8	0.7	3.2	5.6	25	0.2	0.3	0.3	86	0.30	0.058
1127690	Soil		0.3	34.3	7.1	113	<0.1	17.9	19.7	592	5.71	19.5	0.7	1.9	2.9	55	0.2	0.1	<0.1	146	0.53	0.109
1116898	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1116899	Soil		1.2	24.8	14.9	65	<0.1	18.6	9.1	344	2.77	10.1	0.9	3.4	4.8	24	0.1	0.4	0.5	57	0.24	0.031
1116897	Soil		1.1	25.2	17.0	66	0.2	14.8	6.8	293	2.56	37.0	1.4	4.2	4.3	25	0.3	0.4	0.6	47	0.24	0.046
1116895	Soil		1.0	16.5	16.3	60	<0.1	13.9	7.6	276	2.58	9.3	0.7	4.0	4.1	27	0.1	0.3	0.3	60	0.23	0.036
1127691	Soil		0.8	26.9	15.5	87	<0.1	16.1	10.9	417	3.52	29.3	0.8	4.4	4.0	34	0.1	0.3	0.3	91	0.28	0.038
1115097	Soil		0.5	13.9	7.3	15	0.2	4.7	1.7	52	0.86	2.9	0.8	1.3	0.2	9	0.2	0.1	0.1	18	0.06	0.026
1116893	Soil		1.2	20.7	11.5	63	0.3	15.1	8.7	367	2.84	10.4	0.6	968.0	3.8	24	0.3	0.3	0.4	73	0.18	0.050
1115849	Soil		1.2	27.2	10.6	44	0.2	16.2	7.8	289	2.27	5.5	0.5	8.7	1.8	22	0.2	0.3	0.3	66	0.21	0.077
1127540	Soil		1.3	45.8	18.1	94	0.2	73.3	18.3	463	4.19	4.3	1.9	3.3	12.5	61	<0.1	0.2	0.1	56	0.65	0.111
1112450	Soil		0.7	70.6	6.2	89	0.1	43.5	15.1	290	3.29	2.7	1.4	1.2	4.4	27	0.1	0.1	<0.1	63	0.49	0.114
1127538	Soil		1.1	54.2	5.5	72	0.4	42.8	16.8	307	3.37	6.3	0.8	1.1	2.5	24	0.2	0.2	0.1	83	0.31	0.030
1127541	Soil		1.2	36.2	11.5	64	<0.1	47.0	15.1	340	3.63	5.6	0.9	0.5	6.2	26	<0.1	0.3	0.1	56	0.32	0.064
1127544	Soil		0.5	31.5	11.1	66	0.1	27.9	12.6	430	2.98	6.4	1.8	2.1	7.1	36	0.1	0.4	0.1	50	0.54	0.063
1127548	Soil		0.7	29.1	12.4	65	0.2	30.4	11.4	307	2.77	5.6	1.0	1.4	6.3	32	<0.1	0.4	0.1	45	0.51	0.042
1127545	Soil		1.1	29.9	8.2	77	<0.1	48.5	17.0	529	4.61	3.3	0.3	12.9	3.1	11	<0.1	0.1	<0.1	86	0.15	0.036
1127547	Soil		0.6	49.9	27.1	92	0.2	52.5	19.6	628	4.58	2.9	2.4	1.6	15.6	55	<0.1	0.2	0.2	53	0.81	0.116
1127546	Soil		1.2	20.1	9.2	54	0.1	25.1	11.2	248	3.09	6.5	0.5	0.7	5.1	24	<0.1	0.3	0.2	55	0.29	0.032
1127543	Soil		1.0	27.6	10.6	50	<0.1	23.8	10.8	309	2.90	4.5	0.9	0.8	8.5	10	<0.1	0.2	0.1	33	0.10	0.026
1127542	Soil		1.0	26.5	13.9	46	<0.1	25.7	10.1	236	3.19	5.6	0.7	0.9	7.0	13	<0.1	0.3	0.2	43	0.12	0.027
1068240	Soil		1.2	11.3	10.4	60	<0.1	5.4	5.7	192	2.23	3.2	2.8	<0.5	25.9	15	<0.1	0.1	0.2	11	0.21	0.073

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1115092	Soil	11	46	0.70	177	0.137	1	1.99	0.014	0.08	0.2	0.02	3.8	0.1	<0.05	6	<0.5	<0.2
1127688	Soil	7	60	1.47	368	0.289	2	2.62	0.023	0.62	0.2	0.02	3.8	0.2	<0.05	9	<0.5	<0.2
1115098	Soil	8	32	1.19	262	0.234	1	3.06	0.021	0.49	0.1	0.01	5.5	0.2	<0.05	10	<0.5	<0.2
1115091	Soil	9	37	0.58	167	0.098	2	1.91	0.012	0.08	0.3	0.01	3.4	0.1	<0.05	6	0.8	<0.2
1115099	Soil	9	33	0.82	205	0.151	2	2.03	0.014	0.14	0.1	0.03	4.0	0.1	<0.05	6	<0.5	<0.2
1127689	Soil	6	48	1.22	283	0.231	1	2.28	0.020	0.43	0.1	0.02	3.4	0.2	<0.05	8	<0.5	<0.2
1115084	Soil	9	22	0.57	168	0.088	2	1.51	0.013	0.10	0.2	0.02	3.3	0.1	<0.05	5	<0.5	<0.2
1116896	Soil	10	21	0.42	104	0.098	1	1.36	0.009	0.08	0.2	0.03	1.9	0.1	<0.05	7	0.6	<0.2
1116894	Soil	9	50	1.80	214	0.279	<1	2.46	0.014	1.04	0.2	0.01	8.6	0.4	<0.05	9	0.6	<0.2
1127690	Soil	6	69	3.56	881	0.550	<1	4.15	0.034	2.12	0.2	<0.01	16.8	0.5	<0.05	15	<0.5	<0.2
1116898	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1116899	Soil	14	30	0.69	197	0.105	2	1.93	0.012	0.09	0.1	0.02	3.9	0.2	<0.05	6	0.5	<0.2
1116897	Soil	13	25	0.67	161	0.100	1	1.88	0.015	0.14	0.2	0.03	3.8	0.2	<0.05	6	<0.5	<0.2
1116895	Soil	10	29	0.77	167	0.123	1	1.77	0.011	0.14	0.2	0.02	3.4	0.1	<0.05	6	<0.5	<0.2
1127691	Soil	8	51	1.55	309	0.287	<1	2.45	0.015	0.63	0.1	<0.01	6.7	0.3	<0.05	9	<0.5	<0.2
1115097	Soil	5	9	0.10	79	0.030	<1	0.71	0.017	0.04	<0.1	0.03	0.9	<0.1	<0.05	3	<0.5	<0.2
1116893	Soil	9	34	0.97	150	0.189	1	1.98	0.012	0.29	0.2	0.02	4.2	0.2	<0.05	8	<0.5	<0.2
1115849	Soil	8	27	0.34	140	0.083	1	1.66	0.017	0.08	0.2	0.05	2.3	<0.1	<0.05	6	0.7	<0.2
1127540	Soil	45	158	1.35	250	0.089	<1	2.45	0.007	0.32	<0.1	0.02	3.9	0.2	<0.05	8	<0.5	<0.2
1112450	Soil	9	92	1.22	165	0.076	<1	1.84	0.009	0.08	<0.1	<0.01	4.8	<0.1	<0.05	6	<0.5	<0.2
1127538	Soil	11	70	0.90	426	0.059	<1	1.89	0.008	0.10	<0.1	0.01	5.3	<0.1	<0.05	6	<0.5	<0.2
1127541	Soil	19	53	0.80	140	0.109	1	2.07	0.009	0.36	<0.1	0.02	2.6	0.2	<0.05	6	<0.5	<0.2
1127544	Soil	23	35	0.67	269	0.090	<1	1.75	0.018	0.13	0.1	0.04	3.3	0.1	<0.05	5	<0.5	<0.2
1127548	Soil	23	36	0.61	225	0.073	<1	1.83	0.012	0.18	0.1	0.03	3.1	0.1	<0.05	5	<0.5	<0.2
1127545	Soil	6	61	1.13	110	0.203	<1	2.52	0.009	0.32	<0.1	0.01	3.3	0.2	<0.05	9	<0.5	<0.2
1127547	Soil	69	44	0.82	181	0.092	<1	2.37	0.010	0.42	0.1	0.03	5.9	0.3	<0.05	7	<0.5	<0.2
1127546	Soil	14	31	0.48	185	0.061	1	1.85	0.010	0.13	<0.1	0.02	2.1	<0.1	<0.05	6	<0.5	<0.2
1127543	Soil	14	31	0.59	114	0.075	<1	1.53	0.005	0.17	<0.1	0.02	1.7	0.2	<0.05	5	<0.5	<0.2
1127542	Soil	12	34	0.54	120	0.065	<1	1.73	0.006	0.18	<0.1	<0.01	2.1	0.1	<0.05	5	<0.5	<0.2
1068240	Soil	59	6	1.36	26	0.093	<1	1.60	0.006	0.59	<0.1	<0.01	0.9	0.5	<0.05	5	<0.5	<0.2

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

Project: CHA
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000139.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1068239	Soil	0.5	12.9	27.5	67	0.1	7.5	4.5	264	2.18	3.7	3.0	0.7	44.1	16	0.1	0.2	0.5	15	0.26	0.058
1068241	Soil	1.1	24.7	10.2	90	<0.1	17.1	17.7	612	3.67	4.2	0.9	<0.5	6.4	35	<0.1	0.2	0.2	79	0.26	0.035
1068242	Soil	4.2	47.4	39.7	132	0.5	56.8	13.2	499	3.38	4.5	4.0	1.3	14.8	48	0.7	0.3	0.2	61	0.49	0.076
1112436	Soil	7.8	61.0	13.8	138	0.2	186.8	26.2	751	4.75	36.5	1.7	<0.5	11.7	25	0.4	0.1	0.3	157	0.47	0.110
1068243	Soil	4.6	27.6	43.8	102	<0.1	29.7	6.1	277	2.22	8.8	3.3	0.8	41.7	15	0.2	0.2	0.5	36	0.19	0.015
1112441	Soil	1.1	39.6	26.4	179	<0.1	58.6	18.0	565	4.72	2.1	1.1	0.8	7.1	19	0.5	0.2	0.5	110	0.38	0.088
1112438	Soil	1.7	33.2	82.2	189	0.2	27.1	13.7	665	3.54	3.2	2.3	<0.5	18.7	24	0.3	0.2	0.4	47	0.42	0.055
1112439	Soil	8.1	68.5	10.6	176	0.7	148.4	24.2	877	5.10	4.5	1.9	1.7	7.9	35	1.0	0.1	0.2	202	0.84	0.112
1112437	Soil	1.6	32.9	79.1	191	0.2	27.0	12.6	554	3.37	3.5	2.5	0.8	17.6	23	0.2	0.2	0.3	49	0.46	0.044
1112446	Soil	1.5	31.7	12.0	93	<0.1	31.5	13.8	266	3.90	0.7	2.3	<0.5	12.1	20	<0.1	<0.1	0.1	44	0.47	0.077
1112440	Soil	3.1	78.5	12.9	135	0.6	55.1	12.2	456	4.68	36.7	4.3	3.8	12.3	43	0.4	0.2	0.2	73	0.40	0.099
1112444	Soil	1.3	33.5	15.8	81	<0.1	23.9	11.0	264	3.22	3.7	1.9	1.6	13.2	16	<0.1	0.2	0.2	35	0.29	0.039
1112445	Soil	1.2	52.5	14.6	100	0.3	49.1	12.2	245	3.43	4.8	3.0	2.1	11.8	23	0.3	0.1	0.3	41	0.45	0.061
1112442	Soil	1.0	52.0	23.9	165	<0.1	45.0	17.1	359	3.86	2.6	1.0	1.2	10.0	27	1.0	0.2	0.4	43	0.61	0.054
1112443	Soil	1.4	35.0	6.3	83	<0.1	54.9	15.1	525	3.93	2.7	0.9	1.3	3.3	16	0.7	0.1	0.2	142	0.31	0.057
1125477	Soil	0.8	33.2	14.0	59	<0.1	24.0	12.8	451	3.13	8.7	1.0	2.4	4.9	27	0.1	0.5	0.2	69	0.14	0.015
1125481	Soil	0.3	15.0	29.7	75	<0.1	8.7	6.8	348	2.85	3.9	0.3	1.0	3.1	54	0.3	0.2	0.1	61	0.37	0.044
1125478	Soil	0.3	13.8	11.3	38	<0.1	9.8	5.0	200	1.53	3.3	0.3	1.0	2.2	52	<0.1	0.2	<0.1	35	0.35	0.019
1125480	Soil	0.7	50.4	17.7	62	<0.1	20.1	9.9	401	3.01	7.2	0.6	2.8	4.8	35	<0.1	0.4	0.2	65	0.25	0.012
1125463	Soil	0.6	22.3	9.2	53	<0.1	17.5	10.5	343	2.81	6.7	0.6	1.7	4.0	37	<0.1	0.3	0.2	66	0.20	0.015

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Project: CHA
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000139.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1068239	Soil	93	9	1.56	49	0.072	<1	1.85	0.007	0.59	<0.1	0.02	1.9	0.5	<0.05	6	<0.5	<0.2
1068241	Soil	11	28	1.92	169	0.208	<1	2.53	0.010	0.97	<0.1	<0.01	2.2	0.7	<0.05	9	<0.5	<0.2
1068242	Soil	33	49	1.66	173	0.102	<1	1.88	0.039	0.29	<0.1	0.02	4.7	0.3	0.21	6	1.6	<0.2
1112436	Soil	25	264	3.08	845	0.193	<1	3.54	0.022	0.82	0.2	0.01	11.5	0.7	0.05	12	1.5	<0.2
1068243	Soil	118	24	0.95	89	0.079	<1	1.41	0.007	0.13	<0.1	<0.01	2.8	0.2	<0.05	5	1.1	<0.2
1112441	Soil	13	89	2.01	502	0.206	<1	3.29	0.011	0.65	0.1	<0.01	5.3	0.3	<0.05	12	0.6	<0.2
1112438	Soil	35	30	1.55	219	0.183	<1	2.34	0.012	0.80	<0.1	0.02	3.7	0.9	<0.05	7	<0.5	<0.2
1112439	Soil	21	224	3.53	1003	0.175	<1	3.25	0.016	0.69	0.2	0.01	15.0	0.7	<0.05	12	2.0	<0.2
1112437	Soil	34	31	1.37	210	0.168	1	2.21	0.010	0.64	<0.1	0.02	4.0	0.8	<0.05	6	<0.5	<0.2
1112446	Soil	25	37	1.21	218	0.153	<1	2.20	0.007	0.68	<0.1	<0.01	3.7	0.4	<0.05	8	<0.5	<0.2
1112440	Soil	51	54	0.99	426	0.052	<1	1.63	0.038	0.29	<0.1	<0.01	4.7	0.2	0.44	5	2.3	0.2
1112444	Soil	37	26	0.65	140	0.088	<1	1.55	0.006	0.35	<0.1	0.01	3.1	0.2	<0.05	6	<0.5	<0.2
1112445	Soil	40	48	0.89	166	0.096	<1	1.94	0.008	0.34	<0.1	0.02	3.9	0.2	<0.05	7	<0.5	<0.2
1112442	Soil	15	43	1.04	175	0.152	1	2.21	0.008	0.40	<0.1	<0.01	2.6	0.3	<0.05	6	<0.5	<0.2
1112443	Soil	5	96	1.51	324	0.166	<1	2.59	0.008	0.35	0.2	<0.01	4.4	0.1	<0.05	11	0.5	<0.2
1125477	Soil	11	41	0.71	200	0.103	2	2.62	0.012	0.06	0.1	0.05	5.8	0.1	<0.05	6	<0.5	<0.2
1125481	Soil	4	14	0.81	129	0.097	1	2.71	0.010	0.24	0.1	0.03	2.4	0.3	<0.05	8	<0.5	<0.2
1125478	Soil	8	19	0.53	123	0.062	1	1.45	0.012	0.06	<0.1	0.01	1.9	<0.1	<0.05	4	<0.5	<0.2
1125480	Soil	11	32	0.77	240	0.082	<1	2.39	0.011	0.10	<0.1	0.01	4.2	0.2	<0.05	6	<0.5	<0.2
1125463	Soil	11	33	0.76	204	0.114	<1	2.02	0.015	0.09	<0.1	0.02	4.6	0.1	<0.05	6	<0.5	<0.2

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Project: CHA
Report Date: August 21, 2011

QUALITY CONTROL REPORT DAW11000139.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1115594	Soil	0.6	21.9	11.8	65	<0.1	16.9	9.6	326	2.96	5.1	0.8	1.4	3.4	41	0.1	0.3	0.2	69	0.40	0.028
REP 1115594	QC	0.7	22.6	11.9	65	<0.1	17.1	9.7	338	3.02	5.1	0.8	2.7	3.3	42	0.1	0.3	0.2	68	0.39	0.027
1127235	Soil	1.0	40.6	6.7	68	<0.1	25.9	17.3	441	3.63	3.7	0.4	2.8	1.7	34	0.1	0.3	<0.1	102	0.67	0.052
REP 1127235	QC	0.9	41.1	7.1	70	0.1	24.0	16.7	421	3.57	3.7	0.4	2.8	1.9	35	0.2	0.2	<0.1	100	0.68	0.052
1119737	Soil	2.2	32.3	8.1	65	<0.1	26.8	14.1	526	3.99	3.7	0.7	1.2	2.8	26	0.1	0.3	<0.1	71	0.57	0.068
REP 1119737	QC	2.2	32.4	8.4	67	<0.1	27.3	14.0	523	4.00	2.6	0.8	0.6	3.0	27	<0.1	0.4	<0.1	78	0.58	0.064
1127252	Soil	1.0	25.1	16.5	59	0.2	15.5	11.0	522	2.45	3.3	0.7	0.8	2.6	14	0.1	0.2	0.2	52	0.20	0.033
REP 1127252	QC	1.1	25.0	16.5	60	0.2	15.0	11.1	520	2.48	3.3	0.7	1.6	2.7	15	0.1	0.2	0.2	49	0.19	0.033
1117732	Soil	1.0	9.8	8.2	59	<0.1	16.5	8.0	248	2.85	5.6	0.4	1.2	2.2	20	0.1	0.3	0.1	73	0.15	0.033
REP 1117732	QC	1.0	10.5	9.0	61	<0.1	16.6	8.4	256	2.92	6.1	0.4	2.2	2.3	20	0.2	0.3	0.2	76	0.15	0.033
1125214	Soil	0.6	11.2	12.8	77	<0.1	6.7	8.0	573	2.68	8.1	1.0	<0.5	9.1	34	<0.1	0.1	0.1	26	0.10	0.034
REP 1125214	QC	0.6	10.8	12.2	70	<0.1	7.4	7.9	568	2.65	7.3	1.0	0.9	8.3	32	0.1	0.1	0.1	25	0.10	0.033
1125204	Soil	0.4	18.1	8.8	53	<0.1	18.3	9.5	402	2.50	8.2	0.6	0.6	8.2	24	<0.1	0.2	0.2	52	0.31	0.045
REP 1125204	QC	0.4	17.6	8.8	51	<0.1	19.7	9.2	412	2.53	7.3	0.6	0.6	8.0	25	<0.1	0.2	0.1	54	0.33	0.048
1118975	Soil	0.7	6.1	12.2	39	<0.1	8.3	4.6	287	2.00	2.1	0.5	2.7	1.1	74	<0.1	0.2	<0.1	41	0.54	0.043
REP 1118975	QC	0.6	5.1	12.6	40	<0.1	8.9	4.7	288	2.05	2.5	0.6	0.9	1.2	76	0.1	0.2	<0.1	42	0.53	0.041
1118954	Soil	0.8	13.2	6.2	57	<0.1	14.0	10.0	1083	3.19	3.0	0.4	1.1	2.9	20	0.2	0.3	0.2	75	0.24	0.059
REP 1118954	QC	0.9	13.2	6.6	59	<0.1	14.8	10.3	1087	3.31	3.1	0.5	<0.5	2.9	23	0.1	0.3	0.2	78	0.24	0.060
1116030	Soil	0.6	65.2	6.2	70	<0.1	20.1	14.8	538	4.17	3.3	0.8	<0.5	9.3	13	<0.1	0.2	0.2	79	0.18	0.027
REP 1116030	QC	0.5	67.6	6.4	73	<0.1	21.7	15.1	565	4.31	3.6	0.9	1.5	9.7	13	<0.1	0.2	0.2	84	0.20	0.029
1116003	Soil	0.6	29.4	8.7	63	<0.1	18.5	15.9	524	3.61	4.1	0.8	2.4	5.8	25	<0.1	0.5	<0.1	70	0.29	0.028
REP 1116003	QC	0.7	28.9	8.9	65	<0.1	19.6	16.0	526	3.68	3.8	0.8	4.7	5.9	26	<0.1	0.5	0.1	71	0.26	0.028
1113307	Soil	0.7	13.8	14.5	49	<0.1	15.8	6.7	225	2.10	6.3	0.6	1.0	2.5	59	<0.1	0.5	0.2	47	0.26	0.027
REP 1113307	QC	0.8	13.9	14.4	49	<0.1	15.3	6.2	218	2.06	5.9	0.6	4.3	2.4	55	<0.1	0.5	0.1	47	0.25	0.027
1119229	Soil	0.3	20.0	2.4	59	<0.1	9.6	8.0	433	3.26	0.9	1.0	<0.5	5.1	6	<0.1	0.1	0.1	81	0.12	0.031
REP 1119229	QC	0.4	20.5	2.5	63	<0.1	9.3	8.1	435	3.27	1.0	1.0	0.6	5.1	6	<0.1	<0.1	0.1	80	0.11	0.031
1119218	Soil	0.6	38.7	6.8	76	<0.1	19.4	17.5	449	3.90	5.9	0.3	2.6	2.4	22	<0.1	0.4	<0.1	84	0.14	0.015
REP 1119218	QC	0.5	40.1	7.0	81	<0.1	20.4	18.2	482	4.06	6.1	0.3	<0.5	2.6	23	<0.1	0.4	<0.1	89	0.16	0.014

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

Project: CHA
Report Date: August 21, 2011

QUALITY CONTROL REPORT DAW11000139.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1115594	Soil	10	37	1.07	242	0.158	<1	2.24	0.017	0.27	0.1	<0.01	4.1	0.2	<0.05	7	0.5	<0.2
REP 1115594	QC	10	36	1.02	237	0.158	<1	2.24	0.018	0.26	0.1	0.01	4.0	0.2	<0.05	7	<0.5	<0.2
1127235	Soil	6	60	1.29	197	0.092	<1	2.22	0.024	0.07	0.1	0.03	6.3	<0.1	<0.05	7	<0.5	<0.2
REP 1127235	QC	7	49	1.30	194	0.095	1	2.23	0.025	0.07	0.1	0.04	6.4	<0.1	<0.05	7	<0.5	<0.2
1119737	Soil	14	40	0.75	724	0.016	<1	2.12	0.016	0.09	<0.1	0.02	9.0	<0.1	<0.05	6	<0.5	<0.2
REP 1119737	QC	15	43	0.78	728	0.024	<1	2.09	0.016	0.11	0.1	0.03	9.5	<0.1	<0.05	6	<0.5	<0.2
1127252	Soil	11	23	0.37	130	0.065	1	1.41	0.014	0.12	<0.1	0.02	2.0	<0.1	<0.05	6	<0.5	<0.2
REP 1127252	QC	12	22	0.39	134	0.065	1	1.43	0.015	0.12	<0.1	0.02	2.0	<0.1	<0.05	6	<0.5	<0.2
1117732	Soil	8	24	0.41	190	0.088	1	2.64	0.009	0.05	0.1	<0.01	2.4	<0.1	<0.05	8	<0.5	<0.2
REP 1117732	QC	8	25	0.45	193	0.092	<1	2.80	0.010	0.05	<0.1	0.02	2.4	0.1	<0.05	8	<0.5	<0.2
1125214	Soil	7	14	0.79	140	0.011	1	2.00	0.007	0.10	<0.1	<0.01	1.5	<0.1	<0.05	6	<0.5	<0.2
REP 1125214	QC	7	13	0.73	137	0.011	<1	1.79	0.007	0.12	<0.1	<0.01	1.6	<0.1	<0.05	6	<0.5	<0.2
1125204	Soil	13	34	1.30	122	0.099	1	1.85	0.012	0.18	<0.1	<0.01	3.4	0.1	<0.05	7	<0.5	<0.2
REP 1125204	QC	13	35	1.30	121	0.097	<1	1.81	0.010	0.18	<0.1	<0.01	3.4	0.1	<0.05	6	<0.5	<0.2
1118975	Soil	14	20	0.65	166	0.049	<1	1.81	0.024	0.08	<0.1	<0.01	2.3	<0.1	<0.05	7	0.7	<0.2
REP 1118975	QC	14	19	0.66	169	0.049	<1	1.82	0.024	0.08	<0.1	<0.01	2.4	<0.1	<0.05	6	<0.5	<0.2
1118954	Soil	12	34	0.90	449	0.114	<1	1.59	0.017	0.19	<0.1	0.02	4.1	<0.1	<0.05	9	<0.5	<0.2
REP 1118954	QC	13	33	0.95	468	0.121	1	1.68	0.019	0.20	<0.1	0.02	4.3	0.1	<0.05	10	<0.5	<0.2
1116030	Soil	17	37	1.91	136	0.215	<1	2.95	0.010	0.14	0.1	<0.01	5.3	<0.1	<0.05	11	<0.5	<0.2
REP 1116030	QC	18	39	1.94	143	0.234	<1	3.10	0.012	0.15	0.2	<0.01	5.5	<0.1	<0.05	12	<0.5	<0.2
1116003	Soil	25	34	0.91	714	0.071	<1	2.14	0.008	0.16	<0.1	0.03	6.1	0.1	<0.05	7	<0.5	<0.2
REP 1116003	QC	26	34	0.95	723	0.070	<1	2.17	0.011	0.16	<0.1	0.02	6.2	<0.1	<0.05	7	<0.5	<0.2
1113307	Soil	8	28	0.46	251	0.047	1	1.56	0.012	0.05	0.1	0.03	2.6	<0.1	<0.05	4	<0.5	<0.2
REP 1113307	QC	8	28	0.43	236	0.048	2	1.50	0.012	0.04	0.1	0.02	2.5	<0.1	<0.05	4	<0.5	<0.2
1119229	Soil	7	25	1.39	194	0.220	<1	2.25	0.012	0.49	<0.1	<0.01	4.7	0.1	<0.05	8	<0.5	<0.2
REP 1119229	QC	6	25	1.46	199	0.227	<1	2.31	0.013	0.50	<0.1	<0.01	5.0	0.2	<0.05	9	<0.5	<0.2
1119218	Soil	5	59	1.57	197	0.161	1	2.83	0.008	0.17	0.1	0.01	4.2	0.1	<0.05	7	<0.5	<0.2
REP 1119218	QC	6	62	1.59	199	0.176	2	2.88	0.010	0.18	0.1	0.01	4.2	0.1	<0.05	8	<0.5	<0.2

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Project: CHA
Report Date: August 21, 2011

QUALITY CONTROL REPORT DAW11000139.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1119210	Soil	0.9	28.9	10.5	62	<0.1	29.4	12.2	273	3.12	15.8	0.6	3.3	4.4	22	0.1	0.8	0.2	79	0.17	0.013
REP 1119210	QC	1.1	29.2	10.7	65	<0.1	30.2	12.5	279	3.13	15.3	0.6	1.5	4.6	21	0.1	0.7	0.2	78	0.17	0.014
1116894	Soil	0.9	19.7	11.9	73	<0.1	17.5	12.5	463	3.64	9.8	0.7	3.2	5.6	25	0.2	0.3	0.3	86	0.30	0.058
REP 1116894	QC	0.8	20.9	12.9	76	<0.1	19.4	12.6	493	4.01	10.0	0.8	2.5	6.1	26	0.2	0.2	0.3	92	0.33	0.062
1127548	Soil	0.7	29.1	12.4	65	0.2	30.4	11.4	307	2.77	5.6	1.0	1.4	6.3	32	<0.1	0.4	0.1	45	0.51	0.042
REP 1127548	QC	0.7	29.1	12.8	66	0.2	30.5	12.0	304	2.78	5.7	1.0	2.9	6.5	32	<0.1	0.3	0.1	46	0.50	0.043
1125478	Soil	0.3	13.8	11.3	38	<0.1	9.8	5.0	200	1.53	3.3	0.3	1.0	2.2	52	<0.1	0.2	<0.1	35	0.35	0.019
REP 1125478	QC	0.4	13.7	11.8	41	<0.1	10.2	5.3	215	1.66	3.6	0.4	5.2	2.3	55	<0.1	0.2	0.1	38	0.36	0.019
Reference Materials																					
STD DS8	Standard	12.9	114.9	122.8	318	1.7	40.8	8.1	621	2.51	26.6	2.8	130.9	6.8	64	2.3	5.7	7.2	42	0.67	0.082
STD DS8	Standard	15.3	122.5	126.8	331	1.8	39.8	8.2	630	2.57	25.2	2.8	111.6	6.9	70	2.1	6.0	6.7	47	0.73	0.080
STD DS8	Standard	13.5	123.0	135.8	331	2.0	43.0	8.1	625	2.57	29.8	2.9	115.9	7.4	68	2.2	6.1	7.1	44	0.72	0.086
STD DS8	Standard	12.5	110.0	112.7	298	1.7	37.5	7.4	572	2.35	25.0	2.5	133.6	5.9	60	2.2	5.2	6.2	40	0.70	0.074
STD DS8	Standard	13.1	111.6	130.4	328	1.9	40.2	7.9	655	2.52	26.9	2.9	125.9	7.0	72	2.3	6.1	7.5	43	0.75	0.082
STD DS8	Standard	13.6	118.6	118.4	316	1.8	39.1	8.0	626	2.53	26.4	2.7	115.9	6.5	68	2.2	5.9	6.6	45	0.80	0.080
STD DS8	Standard	12.9	109.1	122.8	315	1.8	36.9	7.3	591	2.43	27.2	2.6	109.3	6.8	69	2.3	5.7	6.8	41	0.72	0.084
STD DS8	Standard	11.9	101.4	114.6	291	1.7	34.8	7.1	555	2.26	24.7	3.2	96.3	6.5	63	2.2	5.5	6.3	37	0.60	0.075
STD DS8	Standard	11.9	102.0	107.2	292	1.7	35.3	6.9	587	2.34	23.7	2.4	104.5	6.3	63	2.1	4.9	5.6	40	0.65	0.077
STD DS8	Standard	13.2	111.4	116.6	325	1.8	39.1	7.5	629	2.49	25.6	2.5	104.7	6.8	67	2.5	5.6	6.3	41	0.70	0.084
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Project: CHA
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QUALITY CONTROL REPORT DAW11000139.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1119210	Soil	12	43	0.68	253	0.103	<1	2.46	0.016	0.07	0.1	0.03	4.4	0.1	<0.05	6	<0.5	<0.2
REP 1119210	QC	12	44	0.70	260	0.101	1	2.50	0.015	0.07	0.1	0.03	4.4	0.1	<0.05	6	<0.5	<0.2
1116894	Soil	9	50	1.80	214	0.279	<1	2.46	0.014	1.04	0.2	0.01	8.6	0.4	<0.05	9	0.6	<0.2
REP 1116894	QC	10	54	1.88	226	0.310	<1	2.65	0.014	1.18	0.2	<0.01	9.5	0.4	<0.05	10	0.6	<0.2
1127548	Soil	23	36	0.61	225	0.073	<1	1.83	0.012	0.18	0.1	0.03	3.1	0.1	<0.05	5	<0.5	<0.2
REP 1127548	QC	23	37	0.66	225	0.076	1	1.90	0.013	0.18	0.1	0.04	3.2	0.1	<0.05	5	<0.5	<0.2
1125478	Soil	8	19	0.53	123	0.062	1	1.45	0.012	0.06	<0.1	0.01	1.9	<0.1	<0.05	4	<0.5	<0.2
REP 1125478	QC	8	20	0.54	131	0.064	<1	1.48	0.013	0.06	<0.1	0.02	2.0	<0.1	<0.05	4	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	14	121	0.60	271	0.118	2	0.91	0.094	0.42	3.0	0.20	2.0	5.4	0.16	5	5.5	4.8
STD DS8	Standard	15	129	0.67	282	0.131	<1	0.93	0.100	0.42	3.1	0.20	2.7	5.3	0.20	5	6.6	5.0
STD DS8	Standard	14	131	0.67	279	0.126	3	0.95	0.092	0.43	3.0	0.22	2.3	5.2	0.19	5	4.2	4.9
STD DS8	Standard	12	115	0.61	251	0.104	2	0.85	0.084	0.39	2.7	0.19	1.9	5.0	0.16	4	4.7	5.3
STD DS8	Standard	15	124	0.70	284	0.120	3	0.96	0.094	0.45	3.1	0.22	2.4	5.7	0.15	5	5.6	5.4
STD DS8	Standard	14	124	0.63	274	0.120	2	0.91	0.092	0.42	3.1	0.22	2.1	5.5	0.17	5	5.7	5.0
STD DS8	Standard	15	108	0.63	281	0.111	1	0.95	0.101	0.45	3.0	0.19	2.7	5.4	0.16	5	4.6	4.8
STD DS8	Standard	13	105	0.57	259	0.106	3	0.82	0.088	0.38	2.8	0.20	2.0	4.9	0.13	4	4.5	4.6
STD DS8	Standard	14	109	0.57	262	0.108	3	0.85	0.082	0.39	2.6	0.17	1.9	5.1	0.14	5	5.4	4.9
STD DS8	Standard	15	119	0.62	279	0.121	3	0.96	0.090	0.43	3.1	0.22	2.1	5.3	0.19	5	5.3	4.8
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

Project: CHA
Report Date: August 21, 2011

QUALITY CONTROL REPORT DAW11000139.1

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

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Acme Analytical Laboratories (Vancouver) Ltd.
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Phone (604) 253-3158 Fax (604) 253-1716
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QUALITY CONTROL REPORT DAW11000139.1

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

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

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: August 03, 2011
Report Date: August 20, 2011
Page: 1 of 7

CERTIFICATE OF ANALYSIS DAW11000150.1

CLIENT JOB INFORMATION

Project: CHA
Shipment ID: CHA2011-22
P.O. Number
Number of Samples: 166

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	166	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	166	Dry at 60C			WHI
1DX2	166	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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

Project: CHA
Report Date: August 20, 2011

CERTIFICATE OF ANALYSIS DAW11000150.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1115846	Soil	0.9	43.2	11.4	53	0.1	24.1	12.6	357	2.93	7.3	0.6	18.5	1.3	42	0.3	0.4	0.3	88	0.38	0.077
1115847	Soil	1.1	40.6	13.0	67	0.2	21.6	10.8	419	3.03	7.0	1.5	4.0	2.3	44	0.1	0.4	0.2	81	0.31	0.049
1115085	Soil	0.8	23.8	10.9	60	<0.1	18.4	9.6	366	2.73	7.7	0.6	6.4	3.6	26	0.2	0.4	0.2	67	0.25	0.039
1115086	Soil	0.9	28.5	12.2	66	<0.1	19.7	11.0	494	2.96	9.1	0.8	6.3	3.5	24	0.2	0.4	0.2	68	0.21	0.050
1115850	Soil	0.9	43.6	11.4	55	0.2	20.3	11.7	393	2.63	8.1	0.9	7.5	1.3	32	0.2	0.4	0.2	69	0.28	0.064
1115845	Soil	0.9	46.2	12.8	51	0.1	23.8	14.0	292	2.92	8.7	0.6	11.3	2.4	27	0.5	0.4	0.2	77	0.21	0.045
1115848	Soil	1.2	31.1	13.2	62	0.1	19.3	9.5	397	2.82	8.4	1.0	4.7	2.2	32	0.2	0.4	0.2	71	0.27	0.052
1115087	Soil	0.8	25.2	12.8	54	0.1	16.1	9.3	429	2.60	9.2	0.7	4.3	3.0	25	0.2	0.4	0.3	63	0.21	0.052
1115089	Soil	1.0	18.8	10.1	51	<0.1	15.8	7.8	276	2.44	6.8	0.8	17.5	2.7	21	0.1	0.3	0.3	61	0.18	0.026
1115088	Soil	0.9	37.7	11.8	58	0.1	42.2	10.7	361	2.70	7.2	1.3	3.8	3.6	43	0.2	0.4	0.2	70	0.33	0.082
1115090	Soil	1.0	20.5	11.5	46	<0.1	17.9	8.0	256	2.31	7.1	1.2	3.3	1.4	19	0.2	0.3	0.3	58	0.16	0.030
1112447	Soil	1.5	12.0	9.4	48	<0.1	10.1	4.2	159	1.87	2.6	2.7	<0.5	14.6	20	<0.1	0.2	0.2	15	0.22	0.036
1112448	Soil	1.1	22.8	10.8	49	<0.1	33.8	9.1	255	2.31	3.0	4.0	<0.5	15.3	29	<0.1	0.1	0.1	38	0.32	0.027
1127537	Soil	0.5	111.1	6.8	73	0.2	42.7	21.3	692	4.21	332.2	0.6	18.0	1.2	21	0.2	0.3	0.6	107	0.50	0.055
1127539	Soil	0.9	38.3	15.6	66	0.3	32.7	10.5	435	2.80	7.6	1.4	2.5	8.4	33	0.2	0.4	0.2	53	0.51	0.043
1112449	Soil	0.8	67.8	9.2	104	0.1	45.9	15.3	325	3.61	3.1	1.8	<0.5	5.5	26	0.2	0.1	<0.1	67	0.59	0.163
1125479	Soil	0.6	47.2	19.7	63	<0.1	18.2	9.1	388	2.90	6.5	0.7	2.0	5.1	36	0.1	0.4	0.2	60	0.28	0.012
1125476	Soil	0.3	27.4	24.3	99	<0.1	15.0	12.4	516	3.78	2.9	0.7	<0.5	3.8	88	0.2	0.2	0.1	88	0.55	0.051
1125464	Soil	0.5	20.2	11.3	65	<0.1	13.8	8.8	351	2.60	4.0	0.8	<0.5	4.2	77	0.1	0.3	0.2	66	0.43	0.022
1125475	Soil	0.8	23.1	18.8	66	<0.1	20.5	8.8	325	2.93	8.1	0.6	1.2	3.8	27	0.1	0.5	0.2	71	0.22	0.016
1125461	Soil	0.7	20.7	11.8	55	<0.1	17.0	9.7	335	2.89	7.7	0.6	2.1	4.3	53	0.1	0.4	0.2	68	0.26	0.017
1125452	Soil	1.0	31.1	11.6	51	<0.1	19.2	11.2	287	2.51	7.1	0.8	4.2	3.3	41	0.1	0.4	0.3	58	0.35	0.052
1125466	Soil	0.8	23.0	14.3	56	<0.1	20.5	10.4	315	3.06	9.6	1.0	0.7	5.9	42	0.1	0.4	0.3	75	0.22	0.014
1125467	Soil	0.7	18.4	16.4	62	<0.1	16.9	9.0	316	2.82	7.6	0.6	1.3	4.3	46	0.1	0.4	0.3	67	0.24	0.016
1125465	Soil	0.8	24.1	15.2	71	<0.1	21.8	12.1	353	3.49	9.9	0.7	0.7	4.9	38	0.1	0.4	0.3	74	0.20	0.024
1125470	Soil	0.9	23.0	17.9	70	<0.1	20.5	10.7	369	2.99	9.3	0.7	4.7	4.2	38	0.2	0.5	0.2	66	0.24	0.038
1125472	Soil	0.8	17.1	14.2	60	<0.1	18.2	8.9	310	2.65	6.7	0.9	5.4	4.3	26	0.2	0.4	0.3	59	0.27	0.044
1125474	Soil	0.7	20.0	18.0	53	<0.1	16.9	7.9	247	2.55	8.2	0.6	2.8	3.1	23	0.2	0.4	0.2	62	0.22	0.049
1125468	Soil	0.6	15.9	27.1	91	<0.1	14.8	9.6	428	2.96	4.9	0.7	<0.5	4.1	53	0.3	0.3	0.3	68	0.30	0.034
1125469	Soil	0.7	16.4	18.3	67	<0.1	16.7	9.1	347	2.51	5.8	0.7	<0.5	3.4	34	0.1	0.3	0.2	58	0.24	0.040

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Vancouver BC V6C 1H2 Canada

Project: CHA
Report Date: August 20, 2011

CERTIFICATE OF ANALYSIS DAW11000150.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1115846	Soil		7	32	0.55	204	0.072	3	1.86	0.027	0.08	0.3	0.04	2.3	<0.1	0.09	6	<0.5	<0.2
1115847	Soil		10	33	0.83	234	0.111	2	2.15	0.016	0.11	0.2	0.03	4.2	0.1	<0.05	7	<0.5	<0.2
1115085	Soil		9	27	0.64	173	0.101	2	1.84	0.013	0.09	0.3	0.02	3.6	0.1	<0.05	6	<0.5	<0.2
1115086	Soil		9	28	0.62	199	0.089	<1	2.05	0.012	0.09	0.2	0.02	3.6	0.1	<0.05	6	<0.5	<0.2
1115850	Soil		9	30	0.58	196	0.076	1	2.21	0.018	0.08	0.2	0.04	2.6	0.1	0.06	6	<0.5	<0.2
1115845	Soil		9	32	0.58	209	0.102	2	2.61	0.018	0.06	0.3	0.05	3.1	<0.1	<0.05	7	<0.5	<0.2
1115848	Soil		9	29	0.66	224	0.090	2	2.04	0.014	0.09	0.2	0.03	3.5	0.1	<0.05	7	<0.5	<0.2
1115087	Soil		9	23	0.52	163	0.087	<1	1.78	0.014	0.08	0.3	0.01	3.2	<0.1	<0.05	6	<0.5	<0.2
1115089	Soil		8	24	0.60	150	0.101	<1	1.73	0.011	0.07	0.2	0.03	3.3	<0.1	<0.05	6	<0.5	<0.2
1115088	Soil		11	70	0.81	224	0.108	2	1.92	0.013	0.21	0.2	0.01	3.5	0.1	<0.05	6	<0.5	<0.2
1115090	Soil		8	29	0.52	154	0.073	<1	1.79	0.011	0.05	0.2	0.02	2.5	<0.1	<0.05	5	<0.5	<0.2
1112447	Soil		43	14	0.32	183	0.011	<1	0.94	0.005	0.16	<0.1	<0.01	1.8	<0.1	<0.05	4	<0.5	<0.2
1112448	Soil		39	66	0.80	208	0.031	<1	1.40	0.007	0.15	<0.1	<0.01	3.4	0.1	<0.05	5	<0.5	<0.2
1127537	Soil		5	80	1.80	284	0.069	<1	2.24	0.009	0.13	<0.1	<0.01	8.7	0.1	<0.05	7	<0.5	0.5
1127539	Soil		34	37	0.58	274	0.052	<1	1.71	0.013	0.10	0.1	0.02	3.7	<0.1	<0.05	5	0.7	<0.2
1112449	Soil		11	112	1.47	186	0.087	<1	2.11	0.007	0.13	<0.1	<0.01	5.3	<0.1	<0.05	7	<0.5	<0.2
1125479	Soil		12	29	0.82	238	0.087	<1	2.37	0.015	0.09	<0.1	0.02	4.2	0.2	<0.05	6	<0.5	<0.2
1125476	Soil		10	47	2.12	378	0.237	<1	3.07	0.015	0.68	<0.1	<0.01	5.2	0.4	<0.05	11	<0.5	<0.2
1125464	Soil		11	30	1.03	275	0.162	<1	2.04	0.024	0.29	<0.1	<0.01	4.9	0.2	<0.05	7	<0.5	<0.2
1125475	Soil		11	39	0.77	184	0.100	<1	2.33	0.013	0.06	0.1	0.02	3.3	<0.1	<0.05	7	<0.5	<0.2
1125461	Soil		8	31	0.78	194	0.118	<1	2.48	0.017	0.15	0.1	0.01	4.5	0.2	<0.05	7	<0.5	<0.2
1125452	Soil		11	27	0.60	196	0.088	<1	1.77	0.022	0.08	0.2	0.02	3.3	0.2	<0.05	5	<0.5	<0.2
1125466	Soil		15	39	0.74	213	0.116	1	2.84	0.013	0.08	0.1	0.02	5.2	0.2	<0.05	7	<0.5	<0.2
1125467	Soil		10	31	0.74	187	0.106	<1	2.40	0.012	0.11	0.1	0.02	3.8	0.1	<0.05	7	<0.5	<0.2
1125465	Soil		9	39	0.91	242	0.126	<1	3.28	0.015	0.12	0.1	0.02	4.5	0.2	<0.05	8	<0.5	<0.2
1125470	Soil		10	33	0.75	238	0.083	<1	2.47	0.012	0.07	0.1	0.03	4.0	0.1	<0.05	7	<0.5	<0.2
1125472	Soil		11	34	0.83	180	0.106	<1	2.15	0.015	0.10	0.1	0.02	3.7	0.2	<0.05	7	<0.5	<0.2
1125474	Soil		10	32	0.62	169	0.084	<1	2.00	0.013	0.07	0.1	0.02	3.0	0.1	<0.05	6	<0.5	<0.2
1125468	Soil		10	28	0.96	235	0.161	<1	2.26	0.014	0.28	0.1	0.01	3.8	0.2	<0.05	8	<0.5	<0.2
1125469	Soil		10	29	0.71	299	0.103	<1	1.85	0.014	0.11	0.1	0.02	3.1	0.1	<0.05	6	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1125471	Soil	0.8	23.8	34.2	110	<0.1	15.5	10.0	450	3.48	6.3	0.8	<0.5	4.8	40	0.3	0.4	0.5	83	0.23	0.026
1125473	Soil	0.6	18.4	15.2	54	<0.1	17.6	7.7	263	2.32	6.2	0.7	0.9	3.2	24	0.1	0.4	0.2	55	0.26	0.041
1125459	Soil	0.7	21.8	11.2	52	<0.1	16.0	8.3	361	2.61	9.0	0.9	<0.5	4.1	43	0.1	0.4	0.2	59	0.30	0.025
1125451	Soil	1.4	42.6	9.3	50	0.1	17.9	10.1	267	2.72	6.1	0.8	2.8	2.3	27	0.1	0.4	0.2	71	0.28	0.060
1125453	Soil	1.7	24.6	12.2	54	<0.1	18.8	11.7	484	2.53	8.2	0.6	2.6	2.2	38	0.1	0.4	0.3	57	0.28	0.045
1125456	Soil	1.2	26.5	15.3	62	0.2	15.9	8.8	444	2.73	11.5	0.9	<0.5	2.7	33	0.2	0.4	0.7	62	0.27	0.027
1125458	Soil	1.0	25.3	9.9	59	<0.1	19.0	9.7	337	3.02	9.0	0.7	2.1	3.5	36	0.1	0.8	0.2	62	0.27	0.037
1125454	Soil	2.2	30.0	11.7	57	0.2	20.3	13.1	508	2.67	8.5	0.8	6.1	1.5	39	0.1	0.4	0.3	62	0.35	0.054
1125455	Soil	1.9	31.8	12.4	58	0.1	22.2	17.1	628	2.80	10.3	0.9	2.1	2.5	40	<0.1	0.4	0.4	59	0.33	0.048
1125457	Soil	1.0	22.9	11.1	65	<0.1	18.7	8.8	354	2.88	9.4	0.6	0.8	2.9	33	0.2	0.5	0.3	62	0.24	0.031
1125460	Soil	1.0	27.6	12.4	66	<0.1	23.4	11.0	375	3.38	11.7	0.7	1.3	3.4	43	0.2	0.5	0.3	75	0.27	0.027
1125462	Soil	0.9	25.4	12.3	67	<0.1	20.7	11.3	378	3.20	9.4	0.6	1.1	3.6	39	0.2	0.4	0.2	75	0.21	0.022
1125281	Soil	0.7	30.2	11.8	76	0.1	17.5	11.5	336	3.10	5.2	0.8	1.6	3.0	19	0.1	0.2	0.1	70	0.34	0.046
1125280	Soil	0.8	36.9	15.0	84	0.2	21.3	12.7	418	3.13	6.2	0.9	5.0	2.9	22	0.2	0.2	0.2	67	0.31	0.048
1125282	Soil	0.6	34.9	10.4	84	0.1	19.3	11.6	387	3.15	4.5	0.8	3.7	3.1	22	0.1	0.4	0.1	68	0.40	0.064
1125279	Soil	0.8	38.4	17.5	89	0.2	25.5	11.5	359	3.02	6.0	0.8	1.8	4.9	18	0.3	0.2	0.2	61	0.31	0.057
1125278	Soil	0.5	67.8	13.0	99	0.1	39.4	19.3	1061	3.72	5.1	0.5	<0.5	2.9	32	0.2	0.1	0.1	83	0.37	0.092
1125274	Soil	1.0	45.6	10.0	81	0.2	26.1	14.2	519	3.07	5.3	0.8	3.0	2.3	20	0.1	0.2	0.1	70	0.35	0.063
1125272	Soil	0.7	45.9	7.3	91	0.2	28.1	14.3	571	3.16	3.7	0.7	2.7	1.9	22	0.1	0.2	0.1	71	0.35	0.064
1125277	Soil	0.8	45.3	12.2	83	<0.1	29.1	20.2	724	3.56	6.5	0.5	<0.5	2.9	14	0.2	0.2	0.1	81	0.23	0.051
1125273	Soil	0.7	47.3	12.1	78	0.2	25.0	13.3	470	3.15	5.4	0.9	1.1	2.3	20	0.1	0.2	0.2	70	0.29	0.063
1125270	Soil	0.7	35.2	13.6	87	0.2	25.7	19.6	856	3.20	5.6	0.7	<0.5	2.7	17	0.1	0.2	0.2	73	0.25	0.067
1125276	Soil	0.6	53.4	10.6	84	0.2	31.9	15.1	618	3.41	4.4	0.8	1.4	2.4	24	<0.1	0.2	0.1	81	0.59	0.074
1125271	Soil	0.5	39.3	8.8	75	0.2	24.0	12.3	458	2.86	5.1	0.6	1.1	2.2	23	0.2	0.2	0.1	66	0.30	0.067
1125257	Soil	0.6	43.2	8.1	84	0.1	28.8	14.3	584	3.25	4.7	0.7	1.6	2.2	24	0.2	0.3	0.1	77	0.48	0.080
1125255	Soil	0.7	35.2	9.0	73	0.1	27.3	13.9	522	3.02	4.8	0.7	1.3	1.8	21	0.1	0.2	0.1	72	0.41	0.064
1125256	Soil	0.6	38.6	8.1	77	<0.1	25.6	14.6	608	2.95	4.9	0.6	2.2	2.1	22	0.1	0.2	0.1	69	0.45	0.072
1125253	Soil	0.8	36.2	8.4	82	0.1	29.3	14.0	443	3.23	5.2	0.5	2.5	1.9	19	0.1	0.3	0.1	81	0.34	0.047
1125254	Soil	0.5	42.9	7.5	78	0.1	25.4	15.9	610	3.10	4.0	0.6	1.6	2.1	26	0.2	0.2	0.1	73	0.71	0.072
1125260	Soil	0.7	43.7	8.2	72	0.2	29.8	11.3	377	2.93	5.2	0.7	2.1	1.8	29	0.1	0.2	0.1	73	0.56	0.051

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

Project: CHA
Report Date: August 20, 2011

CERTIFICATE OF ANALYSIS DAW11000150.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1125471	Soil	11	28	0.95	223	0.094	<1	3.02	0.010	0.11	<0.1	0.02	4.9	0.1	<0.05	9	<0.5	<0.2
1125473	Soil	12	29	0.65	166	0.085	<1	1.88	0.013	0.07	0.2	0.02	3.0	<0.1	<0.05	5	<0.5	<0.2
1125459	Soil	10	28	0.70	183	0.100	<1	1.89	0.017	0.11	0.1	0.02	4.1	0.1	<0.05	6	<0.5	<0.2
1125451	Soil	10	25	0.60	188	0.093	<1	1.79	0.019	0.08	0.2	0.04	3.1	0.1	<0.05	5	<0.5	<0.2
1125453	Soil	9	27	0.58	194	0.070	<1	1.90	0.014	0.07	0.2	0.02	2.9	0.1	<0.05	6	<0.5	<0.2
1125456	Soil	10	26	0.61	161	0.088	<1	1.94	0.013	0.10	0.2	0.02	3.2	0.1	<0.05	7	<0.5	<0.2
1125458	Soil	8	28	0.68	177	0.080	2	2.28	0.012	0.12	0.2	0.02	4.3	0.1	<0.05	7	<0.5	<0.2
1125454	Soil	9	30	0.60	234	0.058	2	2.00	0.013	0.07	0.2	0.03	3.3	0.1	<0.05	6	<0.5	<0.2
1125455	Soil	11	30	0.61	234	0.064	2	2.09	0.017	0.09	0.2	0.04	4.3	0.2	<0.05	7	<0.5	<0.2
1125457	Soil	8	27	0.59	163	0.079	2	1.81	0.010	0.10	0.2	0.02	3.5	0.1	<0.05	7	<0.5	<0.2
1125460	Soil	9	35	0.77	213	0.103	1	2.52	0.013	0.13	0.2	0.02	4.8	0.2	<0.05	8	<0.5	<0.2
1125462	Soil	8	35	0.88	212	0.116	1	2.49	0.013	0.12	0.1	0.01	4.4	0.2	<0.05	8	<0.5	<0.2
1125281	Soil	9	28	0.85	262	0.099	1	1.73	0.009	0.12	0.2	0.02	4.0	<0.1	<0.05	6	<0.5	<0.2
1125280	Soil	12	32	0.83	309	0.098	1	1.95	0.008	0.12	0.2	0.04	3.7	<0.1	<0.05	6	<0.5	<0.2
1125282	Soil	11	32	0.87	309	0.096	<1	1.76	0.010	0.18	0.5	0.03	4.6	<0.1	<0.05	6	<0.5	<0.2
1125279	Soil	14	34	0.74	283	0.067	1	1.73	0.007	0.11	0.6	0.03	3.8	0.1	<0.05	6	<0.5	<0.2
1125278	Soil	9	53	1.25	388	0.123	1	2.18	0.007	0.27	0.6	0.02	4.2	0.1	<0.05	7	<0.5	<0.2
1125274	Soil	10	42	0.92	318	0.099	1	1.98	0.008	0.15	0.1	0.04	3.4	<0.1	<0.05	7	<0.5	<0.2
1125272	Soil	9	42	1.05	382	0.120	2	1.93	0.008	0.14	<0.1	0.03	3.1	0.1	<0.05	7	<0.5	<0.2
1125277	Soil	8	45	0.93	200	0.107	2	2.03	0.008	0.13	0.2	0.02	3.6	<0.1	<0.05	8	<0.5	<0.2
1125273	Soil	11	41	0.88	272	0.088	<1	1.93	0.007	0.12	0.2	0.03	3.7	<0.1	<0.05	7	<0.5	<0.2
1125270	Soil	10	44	0.92	252	0.085	1	1.97	0.007	0.10	0.2	0.03	3.6	<0.1	<0.05	7	<0.5	<0.2
1125276	Soil	11	56	1.07	354	0.115	<1	2.03	0.009	0.21	0.2	0.04	4.6	0.1	<0.05	7	<0.5	<0.2
1125271	Soil	10	37	0.81	316	0.091	1	1.71	0.008	0.13	0.1	0.03	3.3	0.1	<0.05	6	<0.5	<0.2
1125257	Soil	9	42	1.06	383	0.104	1	2.01	0.009	0.09	0.1	0.04	4.0	<0.1	<0.05	7	<0.5	<0.2
1125255	Soil	9	43	0.93	332	0.070	1	1.88	0.008	0.04	0.2	0.04	3.8	<0.1	<0.05	7	<0.5	<0.2
1125256	Soil	9	40	0.91	327	0.085	<1	1.85	0.009	0.06	0.2	0.04	3.7	<0.1	<0.05	7	<0.5	<0.2
1125253	Soil	8	47	1.00	261	0.096	<1	1.96	0.009	0.06	0.2	0.03	3.9	<0.1	<0.05	8	<0.5	<0.2
1125254	Soil	9	43	1.04	333	0.086	1	1.81	0.010	0.14	0.2	0.02	4.4	0.1	<0.05	7	<0.5	<0.2
1125260	Soil	9	41	0.87	485	0.105	2	1.83	0.010	0.13	0.1	0.04	3.6	<0.1	<0.05	7	<0.5	<0.2

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Project: CHA
Report Date: August 20, 2011

CERTIFICATE OF ANALYSIS DAW11000150.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1125275	Soil		0.7	43.7	9.4	81	0.2	25.6	13.1	515	2.96	5.4	0.8	1.1	2.4	21	0.1	0.2	0.1	70	0.41	0.052
1125266	Soil		0.6	54.7	11.9	88	0.2	38.0	16.3	892	3.39	4.9	0.8	3.1	2.0	35	0.2	0.2	0.1	80	0.45	0.059
1125267	Soil		0.6	36.3	9.8	70	0.2	29.0	15.3	807	2.88	4.0	0.6	1.8	1.3	22	0.2	0.2	0.1	67	0.29	0.059
1125268	Soil		0.9	50.1	12.4	78	0.3	35.3	17.7	718	3.19	4.7	0.9	3.6	2.4	28	0.2	0.2	0.2	75	0.38	0.067
1125265	Soil		0.9	51.0	10.8	88	0.1	63.1	33.3	1911	4.09	4.5	0.6	1.3	1.9	24	0.1	0.2	0.1	102	0.37	0.081
1125269	Soil		0.6	37.3	10.3	78	0.2	26.5	14.3	611	2.91	4.4	0.7	<0.5	1.8	22	0.2	0.2	0.1	66	0.31	0.068
1125263	Soil		0.7	47.0	9.4	53	0.1	31.0	10.9	490	2.64	8.2	0.8	6.2	3.2	42	0.1	0.5	0.1	59	1.12	0.059
1125264	Soil		0.6	61.0	7.3	83	0.2	39.7	16.7	699	3.29	4.0	0.8	3.3	2.1	27	0.1	0.2	<0.1	78	0.34	0.076
1125261	Soil		0.7	39.2	8.5	71	<0.1	34.9	12.6	397	3.18	4.9	0.5	2.9	2.7	20	0.1	0.2	0.1	80	0.32	0.054
1125262	Soil		0.7	45.6	8.8	67	0.2	35.1	11.7	338	3.05	6.1	1.1	3.0	3.1	22	0.1	0.2	0.1	73	0.62	0.056
1125258	Soil		0.6	41.7	7.9	79	<0.1	32.5	13.3	449	3.05	4.1	0.7	1.0	2.4	24	0.1	0.2	0.1	75	0.47	0.073
1125259	Soil		0.7	41.8	9.2	77	0.1	29.1	13.4	561	3.03	5.2	0.7	3.5	2.1	36	0.2	0.2	0.1	74	0.51	0.054
1127204	Soil		2.4	44.5	21.7	126	0.2	34.0	21.5	4197	5.39	29.2	0.9	3.6	2.5	63	0.7	0.8	0.3	87	1.19	0.084
1127209	Soil		0.5	97.0	5.1	76	<0.1	35.5	21.2	768	4.41	1.9	0.4	4.4	1.8	30	<0.1	0.2	<0.1	127	0.87	0.157
1127208	Soil		0.5	88.0	5.3	86	<0.1	35.3	18.0	740	4.32	1.8	0.6	3.7	3.9	24	<0.1	0.2	<0.1	105	0.48	0.082
1127206	Soil		1.1	48.3	10.5	60	<0.1	21.0	12.9	510	3.43	5.7	0.5	1.1	3.1	17	<0.1	0.4	0.2	76	0.26	0.021
1127207	Soil		0.9	68.1	8.0	78	<0.1	30.4	17.3	828	3.87	4.7	0.4	0.8	2.0	22	<0.1	0.3	0.1	92	0.29	0.045
1127205	Soil		0.4	87.8	14.4	89	<0.1	52.1	22.5	670	4.33	2.6	0.5	2.3	6.4	22	<0.1	0.1	0.1	114	0.83	0.102
1127210	Soil		1.3	42.6	6.2	105	0.1	20.0	17.9	924	4.36	2.1	1.5	2.3	3.4	41	0.5	0.3	0.1	115	1.26	0.069
1127211	Soil		1.2	30.9	9.6	80	<0.1	24.1	13.1	371	3.44	6.1	0.8	1.7	4.0	24	0.2	0.4	0.2	90	0.43	0.028
1127212	Soil		1.3	34.2	11.3	78	0.2	28.0	14.3	680	3.00	4.9	1.5	2.6	5.2	39	0.4	0.4	0.2	64	1.00	0.065
1127213	Soil		1.5	27.5	19.3	71	<0.1	24.2	11.4	322	3.42	8.2	0.9	1.4	5.9	27	0.2	0.4	0.2	68	0.55	0.069
1127220	Soil		1.1	28.1	11.7	67	0.2	21.2	12.1	509	3.02	9.1	1.2	2.2	3.8	36	0.3	0.5	0.3	69	0.50	0.048
1127214	Soil		1.0	35.0	10.8	70	0.1	22.8	10.6	374	3.06	6.9	1.1	2.4	5.3	34	0.1	0.5	0.2	66	0.53	0.057
1127215	Soil		1.1	37.0	10.9	68	0.1	30.5	12.5	571	2.78	8.3	1.1	2.7	4.4	41	0.2	0.7	0.2	58	0.65	0.066
1127217	Soil		0.9	36.6	6.2	77	<0.1	15.2	15.5	525	3.78	13.6	0.9	1.2	2.9	37	0.2	0.4	0.2	93	0.69	0.126
1127216	Soil		1.1	27.9	9.6	63	<0.1	22.1	11.8	386	2.81	6.9	1.2	2.8	5.6	36	<0.1	0.4	0.2	62	0.53	0.058
1127219	Soil		1.1	23.3	11.3	63	0.2	17.9	12.7	589	2.81	8.7	0.9	2.2	3.6	34	0.3	0.4	0.2	69	0.47	0.056
1127218	Soil		0.8	29.1	7.0	72	<0.1	16.1	12.0	572	3.38	9.0	1.4	1.7	4.0	31	0.2	0.3	0.1	80	0.55	0.087
1127221	Soil		1.1	34.5	8.1	60	<0.1	22.5	12.4	444	3.19	8.1	1.0	2.1	5.4	26	0.1	0.4	0.1	72	0.38	0.049

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1125275	Soil		10	41	0.87	336	0.098	1	1.97	0.008	0.14	0.1	0.03	3.6	<0.1	<0.05	7	<0.5	<0.2
1125266	Soil		11	60	1.20	408	0.100	1	2.11	0.009	0.12	0.2	0.03	4.6	0.1	<0.05	8	<0.5	<0.2
1125267	Soil		8	49	0.95	264	0.083	1	1.73	0.008	0.10	0.2	0.04	3.2	0.1	<0.05	7	<0.5	<0.2
1125268	Soil		12	57	1.01	343	0.087	<1	2.04	0.008	0.12	0.1	0.05	4.4	<0.1	<0.05	8	<0.5	<0.2
1125265	Soil		7	116	1.64	358	0.143	1	2.15	0.008	0.24	0.2	0.01	4.2	0.1	<0.05	9	<0.5	<0.2
1125269	Soil		10	43	0.89	310	0.082	<1	1.75	0.008	0.10	0.2	0.04	3.4	<0.1	<0.05	7	<0.5	<0.2
1125263	Soil		16	35	0.57	313	0.072	2	1.51	0.017	0.07	0.2	0.05	4.5	<0.1	<0.05	5	<0.5	<0.2
1125264	Soil		9	64	1.30	331	0.125	<1	2.11	0.008	0.23	0.2	0.03	3.8	0.1	<0.05	8	<0.5	<0.2
1125261	Soil		9	54	1.03	335	0.145	<1	1.82	0.010	0.21	0.2	0.01	3.5	<0.1	<0.05	7	<0.5	<0.2
1125262	Soil		16	53	0.91	411	0.126	1	1.95	0.011	0.13	0.2	0.03	4.2	0.1	<0.05	7	<0.5	<0.2
1125258	Soil		9	51	1.08	421	0.121	<1	1.96	0.008	0.21	0.2	0.02	3.9	0.1	<0.05	7	<0.5	<0.2
1125259	Soil		10	43	0.93	475	0.109	2	1.92	0.009	0.13	0.2	0.03	3.9	<0.1	<0.05	7	<0.5	<0.2
1127204	Soil		15	43	0.84	490	0.048	4	2.01	0.016	0.10	0.1	0.06	5.4	<0.1	0.08	6	1.0	<0.2
1127209	Soil		7	54	1.55	488	0.185	<1	2.45	0.020	0.34	0.1	0.02	8.3	0.2	<0.05	8	<0.5	<0.2
1127208	Soil		19	51	1.73	594	0.177	<1	2.50	0.009	0.37	<0.1	<0.01	7.6	0.2	<0.05	8	0.5	<0.2
1127206	Soil		8	31	0.71	321	0.081	1	2.11	0.010	0.28	0.1	0.01	3.6	0.1	<0.05	7	<0.5	<0.2
1127207	Soil		6	40	1.36	486	0.156	1	2.29	0.008	0.45	<0.1	<0.01	3.9	0.2	<0.05	8	<0.5	<0.2
1127205	Soil		22	79	1.91	407	0.154	1	2.78	0.007	0.52	<0.1	0.02	8.3	0.2	<0.05	11	<0.5	<0.2
1127210	Soil		16	34	0.98	967	0.042	1	2.10	0.014	0.16	0.1	0.05	12.9	<0.1	<0.05	7	0.8	<0.2
1127211	Soil		14	43	0.88	448	0.085	1	2.25	0.015	0.08	<0.1	0.02	6.3	<0.1	<0.05	7	<0.5	<0.2
1127212	Soil		22	48	0.75	941	0.060	1	1.90	0.012	0.09	0.1	0.04	6.2	<0.1	<0.05	6	0.6	<0.2
1127213	Soil		18	37	0.60	489	0.076	<1	1.69	0.017	0.09	0.1	0.03	6.4	<0.1	<0.05	6	<0.5	<0.2
1127220	Soil		16	33	0.64	299	0.082	2	2.02	0.016	0.10	0.2	0.03	4.9	<0.1	<0.05	6	<0.5	<0.2
1127214	Soil		18	32	0.64	294	0.102	1	1.88	0.021	0.12	0.2	0.04	5.6	<0.1	<0.05	6	<0.5	<0.2
1127215	Soil		17	32	0.62	349	0.081	2	1.67	0.026	0.07	0.2	0.04	4.6	<0.1	<0.05	5	<0.5	<0.2
1127217	Soil		7	25	0.98	243	0.162	<1	1.98	0.017	0.36	0.1	0.01	4.9	<0.1	<0.05	6	<0.5	<0.2
1127216	Soil		16	30	0.65	271	0.103	2	1.79	0.020	0.07	0.2	0.03	4.8	<0.1	<0.05	6	<0.5	<0.2
1127219	Soil		12	30	0.62	258	0.084	<1	1.87	0.016	0.08	0.1	0.03	4.2	<0.1	<0.05	6	<0.5	<0.2
1127218	Soil		13	26	0.75	266	0.119	1	1.79	0.018	0.24	0.1	0.02	7.4	<0.1	<0.05	7	<0.5	<0.2
1127221	Soil		16	33	0.77	229	0.087	1	1.73	0.017	0.09	0.1	0.02	6.0	<0.1	<0.05	6	<0.5	<0.2

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Project: CHA
Report Date: August 20, 2011

CERTIFICATE OF ANALYSIS DAW11000150.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1127222	Soil	1.7	31.6	8.6	68	<0.1	18.9	12.1	323	3.22	9.2	0.8	1.3	5.5	20	0.1	0.4	0.1	71	0.27	0.036
1127223	Soil	0.7	38.6	17.3	93	0.3	20.8	13.5	715	2.84	22.2	1.2	10.8	2.1	56	0.5	0.6	0.5	57	1.10	0.073
1127195	Soil	0.7	45.1	6.9	69	<0.1	22.1	15.6	481	3.56	3.8	0.6	1.5	3.6	25	<0.1	0.3	<0.1	87	0.43	0.033
1127194	Soil	1.0	40.4	10.8	72	<0.1	27.4	14.0	420	3.53	5.3	0.8	1.9	4.2	28	<0.1	0.4	0.1	84	0.47	0.033
1127196	Soil	0.8	42.1	4.3	110	<0.1	25.6	19.6	371	4.60	1.3	1.0	0.9	6.1	23	<0.1	0.1	<0.1	97	0.57	0.098
1127201	Soil	1.6	41.7	9.3	71	<0.1	25.1	15.4	556	3.31	6.6	0.5	1.3	2.6	31	0.2	0.3	0.1	83	0.55	0.080
1127197	Soil	0.6	56.7	8.9	76	<0.1	55.2	18.1	554	4.32	1.7	0.6	1.8	3.4	28	<0.1	0.1	0.1	111	0.70	0.078
1127198	Soil	0.4	57.0	18.7	95	<0.1	61.9	22.5	762	5.10	2.2	1.2	0.8	6.1	21	<0.1	0.1	0.1	124	0.51	0.124
1127200	Soil	1.2	38.9	9.2	58	<0.1	27.5	13.3	455	2.91	6.2	0.9	1.5	3.4	32	<0.1	0.4	0.1	72	0.56	0.076
1127199	Soil	1.1	49.1	9.6	61	0.1	28.7	14.1	602	2.98	6.2	1.0	1.7	3.3	47	0.2	0.4	0.2	70	0.78	0.043
1127203	Soil	1.0	40.8	11.2	70	<0.1	26.7	13.0	424	3.02	7.6	0.9	2.4	4.1	36	0.1	0.5	0.2	72	0.52	0.059
1127202	Soil	1.1	63.7	9.9	83	<0.1	47.3	17.3	718	3.75	2.3	0.8	1.2	5.7	26	0.1	0.3	0.1	88	0.57	0.116
1119285	Soil	1.0	28.0	14.9	66	0.2	29.2	13.7	727	2.96	8.8	0.7	2.4	3.1	29	0.3	0.5	0.2	62	0.73	0.047
1119286	Soil	0.7	31.2	12.9	63	0.1	26.9	11.0	552	2.67	8.2	0.4	2.7	3.5	51	0.2	0.7	0.2	58	2.62	0.043
1119287	Soil	0.8	15.6	19.1	63	<0.1	22.8	11.2	569	2.78	6.3	0.7	<0.5	2.6	26	0.4	0.4	0.2	68	0.97	0.035
1119283	Soil	0.5	51.6	5.0	137	<0.1	13.4	8.7	440	4.56	2.0	1.3	1.5	8.2	16	0.2	0.4	<0.1	38	0.21	0.035
1119282	Soil	0.8	132.5	6.3	148	<0.1	33.6	21.2	539	6.82	4.9	0.9	<0.5	9.3	34	0.2	0.3	<0.1	123	0.38	0.093
1119284	Soil	0.8	47.6	12.2	73	0.2	31.2	13.6	467	3.44	8.4	0.5	2.6	4.2	39	0.2	0.5	0.2	72	1.17	0.039
1119281	Soil	0.9	52.1	12.3	68	0.1	27.1	11.0	445	3.38	8.6	1.6	4.5	8.6	18	<0.1	0.6	0.2	65	0.17	0.021
1119280	Soil	1.0	22.2	10.4	66	<0.1	21.5	11.3	320	3.52	6.5	0.8	0.5	6.3	19	<0.1	0.5	0.2	71	0.21	0.021
1119278	Soil	0.4	31.7	6.2	58	<0.1	18.8	17.2	537	3.45	2.5	0.4	1.2	2.1	17	<0.1	0.9	<0.1	83	0.49	0.020
1119277	Soil	0.9	35.3	11.6	56	0.1	25.1	11.7	494	2.93	10.3	1.8	3.8	3.7	28	<0.1	0.7	0.2	60	0.57	0.056
1119292	Soil	0.6	23.9	7.5	57	<0.1	18.8	12.2	358	3.79	5.2	0.6	<0.5	4.0	20	<0.1	0.4	0.1	76	0.35	0.027
1119279	Soil	1.0	38.5	14.5	84	<0.1	35.4	18.0	617	4.59	7.7	0.9	2.8	5.1	25	<0.1	0.8	0.1	101	0.34	0.029
1119291	Soil	0.8	16.5	8.3	61	<0.1	20.0	10.0	369	3.26	6.2	0.5	<0.5	4.0	17	<0.1	0.3	0.1	70	0.21	0.019
1119290	Soil	0.8	14.9	7.9	62	<0.1	22.1	12.0	378	3.45	5.0	0.4	1.3	3.2	18	<0.1	0.3	0.1	79	0.22	0.035
1119288	Soil	0.6	22.9	3.5	87	<0.1	35.6	10.3	248	3.46	2.2	1.0	<0.5	9.5	6	<0.1	0.2	<0.1	47	0.15	0.069
1119276	Soil	0.7	31.5	7.0	71	<0.1	12.9	13.6	352	4.49	3.3	0.4	<0.5	1.9	18	<0.1	0.8	0.1	99	0.21	0.019
1119289	Soil	0.6	21.3	3.9	87	<0.1	38.5	9.9	238	3.47	2.8	1.0	1.2	8.3	6	<0.1	0.2	<0.1	50	0.12	0.054
1119275	Soil	0.5	26.6	11.9	66	<0.1	17.2	18.7	802	4.84	1.6	0.8	<0.5	4.1	15	<0.1	0.8	<0.1	98	0.46	0.035

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Project: CHA
Report Date: August 20, 2011

CERTIFICATE OF ANALYSIS DAW11000150.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1127222	Soil		13	28	0.95	210	0.100	1	2.07	0.010	0.16	0.1	<0.01	5.1	<0.1	<0.05	6	<0.5	<0.2
1127223	Soil		14	30	0.71	328	0.051	2	1.73	0.017	0.07	0.1	0.07	4.7	<0.1	0.05	5	<0.5	<0.2
1127195	Soil		11	38	1.13	243	0.103	<1	2.18	0.016	0.10	<0.1	0.02	6.6	<0.1	<0.05	7	<0.5	<0.2
1127194	Soil		11	46	1.00	269	0.116	<1	2.20	0.020	0.14	<0.1	0.02	5.8	0.1	<0.05	7	<0.5	<0.2
1127196	Soil		13	45	1.40	252	0.203	<1	2.37	0.015	0.67	<0.1	0.01	4.3	0.3	<0.05	7	0.6	<0.2
1127201	Soil		9	36	0.94	311	0.130	1	2.02	0.017	0.23	0.1	0.01	4.2	<0.1	<0.05	7	<0.5	<0.2
1127197	Soil		17	96	1.66	360	0.175	1	2.67	0.011	0.42	0.1	0.02	5.9	0.1	<0.05	11	<0.5	<0.2
1127198	Soil		16	103	2.12	367	0.215	<1	3.17	0.008	0.63	<0.1	0.01	8.3	0.2	<0.05	14	<0.5	<0.2
1127200	Soil		11	40	0.79	304	0.114	1	1.76	0.018	0.17	0.1	0.03	4.8	<0.1	<0.05	6	<0.5	<0.2
1127199	Soil		15	35	0.73	422	0.095	1	1.97	0.022	0.07	0.1	0.03	4.9	<0.1	<0.05	6	<0.5	<0.2
1127203	Soil		15	36	0.80	402	0.116	2	1.92	0.021	0.11	0.2	0.04	4.7	<0.1	<0.05	6	0.6	<0.2
1127202	Soil		14	63	1.27	327	0.106	<1	2.05	0.010	0.28	<0.1	0.01	5.0	0.1	<0.05	8	0.6	<0.2
1119285	Soil		16	35	0.52	367	0.043	1	1.96	0.018	0.06	0.1	0.05	5.4	<0.1	<0.05	6	0.5	<0.2
1119286	Soil		14	31	0.54	390	0.047	2	1.92	0.020	0.09	0.1	0.05	5.3	<0.1	<0.05	6	<0.5	<0.2
1119287	Soil		11	38	0.51	243	0.053	1	2.35	0.015	0.04	0.1	0.03	4.1	0.1	<0.05	7	<0.5	<0.2
1119283	Soil		29	14	0.65	306	0.062	<1	1.93	0.008	0.20	<0.1	0.02	6.0	0.2	<0.05	9	0.5	<0.2
1119282	Soil		10	50	1.79	263	0.314	1	3.45	0.023	0.30	<0.1	0.01	7.6	0.1	<0.05	16	0.6	<0.2
1119284	Soil		17	38	0.77	340	0.089	1	2.15	0.027	0.07	0.1	0.04	5.8	<0.1	<0.05	7	<0.5	<0.2
1119281	Soil		24	34	0.58	403	0.074	2	2.51	0.015	0.08	0.2	0.03	8.2	0.1	<0.05	7	<0.5	<0.2
1119280	Soil		17	32	0.78	423	0.100	<1	2.30	0.015	0.15	0.1	<0.01	4.9	0.1	<0.05	7	0.5	<0.2
1119278	Soil		7	40	0.68	242	0.011	2	1.64	0.026	0.06	0.1	0.02	12.4	<0.1	<0.05	4	<0.5	<0.2
1119277	Soil		22	33	0.53	502	0.048	<1	1.94	0.021	0.05	0.2	0.09	7.0	<0.1	<0.05	5	0.6	<0.2
1119292	Soil		20	42	0.99	271	0.105	2	2.39	0.013	0.11	0.1	0.02	5.3	<0.1	<0.05	9	<0.5	<0.2
1119279	Soil		20	65	0.96	352	0.072	2	2.61	0.015	0.08	0.2	0.04	13.4	0.1	<0.05	8	0.6	<0.2
1119291	Soil		15	40	0.94	212	0.125	<1	2.01	0.011	0.15	0.1	0.01	3.9	0.1	<0.05	8	<0.5	<0.2
1119290	Soil		8	45	1.06	249	0.129	<1	2.08	0.012	0.18	0.1	0.01	4.3	0.1	<0.05	8	<0.5	<0.2
1119288	Soil		22	28	1.07	142	0.109	1	1.98	0.007	0.39	<0.1	<0.01	2.5	0.3	<0.05	7	<0.5	<0.2
1119276	Soil		5	38	1.21	215	0.082	<1	2.49	0.010	0.17	0.1	0.01	6.7	<0.1	<0.05	9	<0.5	<0.2
1119289	Soil		20	31	1.03	137	0.108	<1	1.90	0.007	0.36	<0.1	<0.01	2.5	0.2	<0.05	7	<0.5	<0.2
1119275	Soil		15	25	0.62	1063	0.003	<1	1.94	0.006	0.11	0.2	0.03	15.7	<0.1	<0.05	5	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1119273	Soil	0.6	13.0	10.8	61	<0.1	13.0	13.3	606	3.68	1.9	0.7	1.2	3.5	14	<0.1	0.7	<0.1	83	0.29	0.020
1119272	Soil	1.4	22.3	13.3	63	0.1	32.2	12.0	584	3.59	5.0	0.6	2.5	1.5	14	0.2	0.7	0.2	69	0.24	0.035
1119274	Soil	1.3	20.8	11.0	59	0.1	21.6	9.4	450	3.17	4.2	0.6	2.1	1.3	13	0.2	0.7	0.2	64	0.22	0.028
1119271	Soil	0.6	18.5	11.7	66	<0.1	10.8	14.3	604	4.81	1.5	0.8	<0.5	4.5	14	<0.1	0.7	<0.1	87	0.35	0.052
1118949	Soil	1.0	32.0	11.4	76	<0.1	21.5	14.5	615	4.23	6.8	0.9	1.3	5.3	22	<0.1	1.0	0.1	92	0.33	0.022
1118950	Soil	1.4	32.4	12.9	75	<0.1	28.4	13.2	461	3.57	9.3	0.7	2.9	6.1	24	<0.1	0.9	0.2	80	0.24	0.015
1118947	Soil	0.7	12.8	9.6	24	0.1	7.0	4.8	174	1.84	2.0	0.5	<0.5	0.5	15	0.1	0.2	0.1	48	0.13	0.040
1118948	Soil	0.9	31.9	11.9	83	<0.1	24.1	12.9	672	3.75	8.1	0.8	2.4	3.6	32	<0.1	1.2	0.1	83	0.35	0.028
1118946	Soil	0.5	19.9	9.3	71	<0.1	18.5	14.6	465	4.06	4.5	0.5	1.3	5.2	20	<0.1	0.5	0.1	76	0.18	0.025
1118944	Soil	0.9	12.6	10.6	57	<0.1	17.0	13.1	321	3.64	3.5	0.6	<0.5	5.0	25	<0.1	0.5	0.1	82	0.27	0.024
1118942	Soil	0.7	18.8	11.1	61	<0.1	17.9	10.1	307	3.04	4.3	0.6	1.7	5.9	19	<0.1	0.5	0.1	51	0.25	0.022
1118943	Soil	0.7	21.9	10.9	52	<0.1	22.6	11.1	334	2.79	7.5	0.7	2.2	4.8	20	<0.1	0.6	0.1	60	0.21	0.015
1118941	Soil	1.1	13.4	13.1	51	0.1	16.7	7.7	233	3.03	9.3	0.6	1.2	3.1	23	0.1	0.5	0.2	61	0.22	0.028
1118945	Soil	0.9	18.2	10.7	61	0.1	20.9	11.3	329	3.43	5.0	0.5	0.5	3.7	18	0.1	0.4	0.1	93	0.17	0.020
1112347	Soil	3.1	52.7	15.8	171	0.3	50.4	9.1	231	2.96	4.0	2.9	1.5	12.9	21	0.3	0.1	0.3	66	0.19	0.048
1112348	Soil	0.9	41.8	8.4	74	0.2	42.7	22.7	675	4.26	10.0	0.6	<0.5	3.3	20	0.1	0.4	<0.1	108	0.52	0.048
1112349	Soil	1.7	10.7	11.6	41	0.2	15.9	6.5	437	2.25	11.9	1.0	1.2	6.8	20	<0.1	0.4	0.2	48	0.21	0.022
1112350	Soil	0.8	8.3	8.9	44	<0.1	8.8	5.8	484	2.02	3.1	0.9	<0.5	7.2	21	<0.1	0.2	0.1	28	0.22	0.023
1112151	Soil	0.7	11.2	7.3	44	<0.1	13.2	5.5	273	2.36	5.4	0.7	<0.5	4.3	16	<0.1	0.3	0.1	40	0.15	0.018
1112152	Soil	0.7	15.8	10.9	72	<0.1	17.6	10.0	547	3.72	1.2	0.9	<0.5	7.2	13	<0.1	0.1	0.1	65	0.24	0.039
1112153	Soil	1.1	18.0	12.9	116	0.4	23.9	15.7	646	3.11	4.6	0.7	<0.5	6.3	14	0.5	0.3	0.2	68	0.18	0.037
1112154	Soil	0.6	32.4	9.3	160	<0.1	27.3	9.3	213	3.16	1.6	1.5	<0.5	13.6	15	0.8	<0.1	0.1	26	0.16	0.034
1112155	Soil	0.8	18.3	6.8	96	0.2	31.8	14.1	345	4.79	4.6	1.0	0.5	9.1	18	0.2	0.2	<0.1	69	0.19	0.019
1112156	Soil	15.2	83.6	25.0	221	0.1	96.9	21.4	1092	4.75	1.9	2.7	<0.5	11.5	38	1.5	0.1	0.5	170	0.62	0.106
1112157	Soil	25.6	111.4	35.1	237	0.5	177.3	25.9	942	4.87	2.9	5.7	1.7	15.0	43	1.2	<0.1	0.6	195	0.42	0.086
1112158	Soil	9.6	52.4	66.5	182	0.6	110.5	15.2	456	3.93	3.0	2.8	2.7	11.8	18	0.7	0.1	1.0	112	0.17	0.037
1112159	Soil	0.9	9.3	21.9	66	0.1	7.0	2.2	149	1.73	2.4	1.9	1.7	18.8	17	0.1	0.1	0.2	11	0.12	0.018
1112160	Soil	1.7	32.7	29.4	110	<0.1	12.2	16.5	664	5.21	2.6	2.6	2.0	17.1	10	0.2	0.1	0.1	53	0.16	0.062
1112162	Soil	0.2	19.4	6.9	92	<0.1	71.7	22.2	415	3.73	0.9	0.4	1.6	1.9	20	<0.1	<0.1	<0.1	46	0.28	0.033
1112161	Soil	1.0	53.8	24.4	108	0.1	15.0	22.0	645	5.81	1.5	1.0	1.6	7.8	30	0.2	<0.1	0.2	106	0.55	0.118

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

Project: CHA
Report Date: August 20, 2011

CERTIFICATE OF ANALYSIS DAW11000150.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1119273	Soil	13	20	0.49	1089	0.005	<1	1.58	0.007	0.08	0.2	0.03	8.7	<0.1	<0.05	5	<0.5	<0.2
1119272	Soil	10	55	0.33	468	0.013	<1	1.47	0.009	0.07	0.2	0.05	6.1	<0.1	<0.05	4	<0.5	<0.2
1119274	Soil	9	38	0.26	383	0.011	<1	1.18	0.010	0.07	0.1	0.05	5.0	<0.1	<0.05	4	<0.5	<0.2
1119271	Soil	18	18	0.65	663	0.001	<1	2.04	0.006	0.11	0.2	<0.01	14.3	<0.1	<0.05	5	<0.5	<0.2
1118949	Soil	16	36	0.65	730	0.030	<1	2.27	0.010	0.09	0.1	0.05	9.7	0.1	<0.05	6	<0.5	<0.2
1118950	Soil	20	43	0.67	466	0.072	<1	2.16	0.014	0.07	0.1	0.04	9.0	<0.1	<0.05	6	<0.5	<0.2
1118947	Soil	9	14	0.29	383	0.046	<1	1.07	0.013	0.06	<0.1	0.02	1.9	<0.1	<0.05	6	<0.5	<0.2
1118948	Soil	16	33	0.59	869	0.050	<1	1.76	0.018	0.08	0.2	0.06	9.0	<0.1	<0.05	6	0.5	<0.2
1118946	Soil	16	36	0.94	508	0.091	<1	2.23	0.008	0.20	<0.1	<0.01	4.7	0.1	<0.05	8	<0.5	<0.2
1118944	Soil	17	35	1.12	477	0.072	<1	2.27	0.008	0.16	<0.1	<0.01	4.1	0.1	<0.05	9	<0.5	<0.2
1118942	Soil	20	25	0.46	897	0.022	<1	1.75	0.009	0.10	0.1	0.01	5.0	<0.1	<0.05	5	<0.5	<0.2
1118943	Soil	16	34	0.57	577	0.061	2	1.79	0.013	0.07	0.1	0.02	4.5	<0.1	<0.05	5	<0.5	<0.2
1118941	Soil	11	31	0.44	691	0.050	1	2.23	0.011	0.07	0.1	0.02	3.7	<0.1	<0.05	7	<0.5	<0.2
1118945	Soil	13	61	1.01	396	0.127	<1	2.46	0.009	0.10	<0.1	0.02	4.1	0.1	<0.05	9	<0.5	<0.2
1112347	Soil	36	46	0.72	209	0.028	<1	2.22	0.005	0.15	<0.1	<0.01	5.3	0.2	<0.05	7	1.5	<0.2
1112348	Soil	10	69	1.71	341	0.040	<1	2.84	0.013	0.11	<0.1	0.01	10.1	<0.1	<0.05	7	<0.5	<0.2
1112349	Soil	23	27	0.43	268	0.039	1	1.57	0.009	0.11	0.1	0.01	2.2	<0.1	<0.05	5	<0.5	<0.2
1112350	Soil	19	15	0.38	163	0.029	<1	1.42	0.009	0.10	<0.1	<0.01	1.6	<0.1	<0.05	5	<0.5	<0.2
1112151	Soil	11	24	0.49	105	0.045	<1	1.74	0.007	0.08	<0.1	<0.01	2.1	<0.1	<0.05	6	<0.5	<0.2
1112152	Soil	14	71	2.05	189	0.178	<1	2.88	0.009	0.61	<0.1	<0.01	6.6	0.2	<0.05	9	0.7	<0.2
1112153	Soil	14	31	0.51	183	0.049	<1	2.33	0.008	0.10	<0.1	0.01	2.8	0.1	<0.05	9	<0.5	<0.2
1112154	Soil	23	25	0.69	112	0.141	2	1.89	0.007	0.40	<0.1	<0.01	2.2	0.3	<0.05	5	0.5	<0.2
1112155	Soil	17	54	2.06	145	0.248	<1	3.90	0.010	0.75	<0.1	0.01	5.2	0.4	<0.05	13	<0.5	<0.2
1112156	Soil	26	129	2.76	1191	0.181	<1	4.01	0.056	0.73	0.2	<0.01	12.2	0.5	<0.05	13	2.8	<0.2
1112157	Soil	42	151	2.97	621	0.128	<1	3.33	0.043	1.00	0.3	0.01	10.7	0.9	0.26	12	5.9	<0.2
1112158	Soil	30	116	2.38	512	0.170	1	3.30	0.015	0.92	0.1	<0.01	5.9	0.8	<0.05	9	1.8	<0.2
1112159	Soil	32	10	0.76	167	0.011	<1	1.66	0.009	0.15	<0.1	<0.01	1.6	0.2	<0.05	6	<0.5	<0.2
1112160	Soil	58	26	1.72	160	0.113	<1	2.77	0.010	0.76	<0.1	<0.01	6.7	0.5	<0.05	7	<0.5	<0.2
1112162	Soil	6	159	4.09	694	0.277	<1	4.16	0.020	1.73	0.1	<0.01	1.5	0.7	<0.05	10	<0.5	<0.2
1112161	Soil	13	15	3.52	526	0.148	<1	5.19	0.016	0.36	<0.1	<0.01	7.2	0.3	<0.05	14	<0.5	<0.2

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Project: CHA
Report Date: August 20, 2011

CERTIFICATE OF ANALYSIS DAW11000150.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1112163	Soil	0.3	34.6	17.1	87	<0.1	52.3	13.6	747	3.09	2.0	1.2	1.3	21.8	25	<0.1	0.1	0.2	36	0.34	0.075
1112164	Soil	2.3	37.2	46.3	120	0.2	36.0	13.0	589	3.63	7.4	3.1	2.2	20.3	21	0.2	0.2	0.4	53	0.25	0.033
1112165	Soil	1.1	24.3	30.3	158	0.1	27.1	10.9	651	2.97	4.0	1.0	1.2	6.4	21	0.8	0.2	0.3	47	0.36	0.048
1112166	Soil	1.8	18.6	8.7	62	<0.1	29.0	11.0	434	3.42	3.2	0.7	2.0	3.6	16	<0.1	0.3	0.3	70	0.31	0.023
1112336	Soil	0.7	30.8	11.7	65	<0.1	39.0	13.0	348	2.92	2.3	0.6	1.8	7.7	22	<0.1	0.2	<0.1	33	0.21	0.032
1112337	Soil	0.7	31.0	13.3	79	<0.1	37.0	16.8	519	5.12	3.8	0.8	1.3	7.8	26	<0.1	0.3	0.1	78	0.36	0.133
1112335	Soil	2.1	58.0	26.1	87	0.1	26.5	10.7	368	2.91	5.1	1.2	2.3	11.1	14	<0.1	0.9	0.2	41	0.15	0.021
1112338	Soil	0.2	20.3	3.7	97	<0.1	140.1	27.0	444	5.64	1.3	0.2	1.3	2.2	21	<0.1	0.1	<0.1	86	0.36	0.087
1112339	Soil	0.7	24.2	10.4	77	<0.1	31.9	11.1	334	4.01	4.8	0.7	1.7	9.3	17	0.1	0.3	0.1	50	0.12	0.022
1112340	Soil	<0.1	22.3	9.6	66	<0.1	45.8	15.4	252	3.78	<0.5	1.8	1.7	21.1	11	<0.1	<0.1	<0.1	22	0.13	0.049
1112341	Soil	0.8	20.8	9.6	67	<0.1	33.0	12.3	265	3.41	7.7	0.6	3.0	5.3	14	0.1	0.4	0.2	62	0.12	0.020
1112342	Soil	1.0	17.1	11.5	72	0.2	22.7	9.7	278	3.34	6.9	0.5	2.3	3.7	12	0.2	0.5	0.2	63	0.12	0.047
1112345	Soil	1.3	54.0	12.1	129	0.5	42.9	12.6	252	4.07	3.5	1.6	1.6	12.7	7	0.3	0.2	0.1	57	0.11	0.051
1112343	Soil	0.6	50.3	7.5	65	<0.1	144.6	26.5	602	3.50	5.2	0.3	0.9	1.3	33	0.2	0.2	<0.1	68	0.56	0.153
1112344	Soil	0.3	40.0	11.3	56	<0.1	37.7	8.7	317	2.76	2.9	0.7	1.9	8.7	14	<0.1	0.1	0.2	28	0.18	0.021
1112346	Soil	1.3	42.3	12.4	120	0.2	38.6	8.9	294	3.99	6.3	1.9	2.0	9.8	11	0.1	0.3	0.2	68	0.11	0.052

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Project: CHA
Report Date: August 20, 2011

CERTIFICATE OF ANALYSIS DAW11000150.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1112163	Soil	72	80	3.07	347	0.124	<1	3.25	0.018	1.79	<0.1	<0.01	5.0	0.6	<0.05	9	<0.5	<0.2
1112164	Soil	41	29	1.36	155	0.149	2	2.39	0.012	1.00	<0.1	<0.01	3.5	0.9	<0.05	7	<0.5	<0.2
1112165	Soil	12	41	1.68	375	0.114	1	2.45	0.017	0.51	0.1	<0.01	4.0	0.2	<0.05	10	<0.5	<0.2
1112166	Soil	11	70	1.50	179	0.062	<1	2.58	0.012	0.21	<0.1	<0.01	3.7	0.1	<0.05	9	<0.5	<0.2
1112336	Soil	14	39	0.68	99	0.099	<1	2.03	0.007	0.20	<0.1	<0.01	1.6	0.2	<0.05	5	<0.5	<0.2
1112337	Soil	35	38	1.13	254	0.080	<1	3.30	0.009	0.30	<0.1	<0.01	4.6	0.3	<0.05	11	<0.5	<0.2
1112335	Soil	36	31	0.46	322	0.006	<1	2.04	0.006	0.12	<0.1	0.01	2.8	0.2	<0.05	6	<0.5	<0.2
1112338	Soil	11	231	2.95	177	0.191	<1	3.92	0.014	0.56	<0.1	<0.01	6.4	0.2	<0.05	14	<0.5	<0.2
1112339	Soil	14	40	0.84	144	0.177	<1	2.70	0.009	0.65	<0.1	<0.01	2.4	0.5	<0.05	7	<0.5	<0.2
1112340	Soil	65	50	0.74	96	0.053	<1	1.97	0.006	0.46	<0.1	<0.01	3.9	0.3	<0.05	6	<0.5	<0.2
1112341	Soil	13	40	0.71	155	0.103	<1	2.38	0.009	0.17	<0.1	<0.01	3.0	0.2	<0.05	7	<0.5	<0.2
1112342	Soil	12	32	0.55	122	0.093	1	1.84	0.009	0.10	0.1	0.03	2.0	0.2	<0.05	8	<0.5	<0.2
1112345	Soil	19	42	0.87	254	0.113	<1	2.34	0.007	0.51	<0.1	0.01	2.9	0.5	<0.05	8	<0.5	<0.2
1112343	Soil	8	95	1.14	161	0.121	<1	2.28	0.039	0.10	0.1	0.01	2.4	<0.1	<0.05	8	<0.5	<0.2
1112344	Soil	14	32	0.97	91	0.068	<1	2.14	0.006	0.11	<0.1	<0.01	2.3	0.2	<0.05	6	<0.5	<0.2
1112346	Soil	20	45	0.77	178	0.088	<1	2.23	0.008	0.30	<0.1	<0.01	2.7	0.3	<0.05	8	0.5	<0.2

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Project: CHA
Report Date: August 20, 2011

QUALITY CONTROL REPORT DAW11000150.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1115087	Soil	0.8	25.2	12.8	54	0.1	16.1	9.3	429	2.60	9.2	0.7	4.3	3.0	25	0.2	0.4	0.3	63	0.21	0.052
REP 1115087	QC	0.9	25.2	12.4	55	<0.1	16.8	9.5	437	2.60	9.7	0.7	4.7	3.1	24	0.2	0.4	0.3	63	0.21	0.050
1125471	Soil	0.8	23.8	34.2	110	<0.1	15.5	10.0	450	3.48	6.3	0.8	<0.5	4.8	40	0.3	0.4	0.5	83	0.23	0.026
REP 1125471	QC	0.8	23.6	32.4	111	<0.1	15.0	10.3	448	3.50	6.4	0.8	<0.5	4.7	40	0.3	0.4	0.5	84	0.23	0.026
1125277	Soil	0.8	45.3	12.2	83	<0.1	29.1	20.2	724	3.56	6.5	0.5	<0.5	2.9	14	0.2	0.2	0.1	81	0.23	0.051
REP 1125277	QC	0.7	45.6	12.0	80	<0.1	28.2	19.3	696	3.37	6.1	0.5	2.2	2.8	13	<0.1	0.2	0.2	79	0.22	0.050
1125253	Soil	0.8	36.2	8.4	82	0.1	29.3	14.0	443	3.23	5.2	0.5	2.5	1.9	19	0.1	0.3	0.1	81	0.34	0.047
REP 1125253	QC	0.7	34.8	8.3	80	0.1	28.4	13.7	424	3.20	4.7	0.5	1.7	2.1	20	0.1	0.2	0.1	81	0.35	0.047
1127213	Soil	1.5	27.5	19.3	71	<0.1	24.2	11.4	322	3.42	8.2	0.9	1.4	5.9	27	0.2	0.4	0.2	68	0.55	0.069
REP 1127213	QC	1.5	27.7	19.0	71	0.1	24.4	11.2	318	3.35	7.9	0.9	1.7	5.8	27	0.1	0.5	0.2	68	0.55	0.068
1119283	Soil	0.5	51.6	5.0	137	<0.1	13.4	8.7	440	4.56	2.0	1.3	1.5	8.2	16	0.2	0.4	<0.1	38	0.21	0.035
REP 1119283	QC	0.4	50.2	5.1	133	<0.1	13.1	8.3	433	4.41	1.7	1.3	1.6	8.1	16	0.1	0.3	<0.1	37	0.20	0.034
1119281	Soil	0.9	52.1	12.3	68	0.1	27.1	11.0	445	3.38	8.6	1.6	4.5	8.6	18	<0.1	0.6	0.2	65	0.17	0.021
REP 1119281	QC	1.0	55.0	13.2	75	0.1	29.1	12.0	464	3.78	9.0	1.8	2.5	9.1	20	<0.1	0.7	0.2	72	0.18	0.022
1112348	Soil	0.9	41.8	8.4	74	0.2	42.7	22.7	675	4.26	10.0	0.6	<0.5	3.3	20	0.1	0.4	<0.1	108	0.52	0.048
REP 1112348	QC	0.9	41.5	9.0	75	0.2	43.4	23.2	691	4.46	9.6	0.6	<0.5	3.5	20	0.1	0.4	0.1	107	0.52	0.047
1112342	Soil	1.0	17.1	11.5	72	0.2	22.7	9.7	278	3.34	6.9	0.5	2.3	3.7	12	0.2	0.5	0.2	63	0.12	0.047
REP 1112342	QC	1.2	17.5	10.3	70	0.2	21.9	9.8	277	3.37	6.6	0.5	3.1	3.6	11	0.2	0.5	0.2	64	0.12	0.048
Reference Materials																					
STD DS8	Standard	13.2	103.0	117.4	301	1.7	35.8	6.9	606	2.37	24.9	2.6	123.9	6.9	70	2.2	5.6	6.6	39	0.70	0.074
STD DS8	Standard	13.1	120.2	120.5	336	1.9	42.4	8.2	616	2.61	28.7	2.7	113.4	6.1	62	2.5	5.7	6.5	43	0.67	0.087
STD DS8	Standard	12.8	107.0	121.4	300	1.8	36.5	7.1	593	2.38	26.1	2.7	107.0	7.0	66	2.2	5.7	6.4	40	0.67	0.080
STD DS8	Standard	14.4	114.8	122.8	311	1.8	39.6	8.5	617	2.49	25.9	2.8	97.1	7.0	70	2.3	5.7	6.6	44	0.72	0.080
STD DS8	Standard	11.5	106.3	123.0	306	1.8	35.4	6.9	600	2.34	24.3	2.8	105.7	7.0	63	2.4	5.8	6.6	40	0.67	0.078
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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

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

Project: CHA
Report Date: August 20, 2011

QUALITY CONTROL REPORT DAW11000150.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1115087	Soil	9	23	0.52	163	0.087	<1	1.78	0.014	0.08	0.3	0.01	3.2	<0.1	<0.05	6	<0.5	<0.2
REP 1115087	QC	9	24	0.52	164	0.086	1	1.78	0.014	0.08	0.3	0.02	3.2	<0.1	<0.05	6	<0.5	<0.2
1125471	Soil	11	28	0.95	223	0.094	<1	3.02	0.010	0.11	<0.1	0.02	4.9	0.1	<0.05	9	<0.5	<0.2
REP 1125471	QC	11	29	0.93	215	0.093	<1	2.92	0.011	0.11	0.1	0.01	4.9	0.1	<0.05	9	<0.5	<0.2
1125277	Soil	8	45	0.93	200	0.107	2	2.03	0.008	0.13	0.2	0.02	3.6	<0.1	<0.05	8	<0.5	<0.2
REP 1125277	QC	8	44	0.87	203	0.102	1	2.03	0.007	0.12	0.2	0.02	3.6	<0.1	<0.05	7	<0.5	<0.2
1125253	Soil	8	47	1.00	261	0.096	<1	1.96	0.009	0.06	0.2	0.03	3.9	<0.1	<0.05	8	<0.5	<0.2
REP 1125253	QC	8	46	1.00	244	0.102	<1	2.04	0.009	0.06	0.1	0.03	4.1	<0.1	<0.05	8	<0.5	<0.2
1127213	Soil	18	37	0.60	489	0.076	<1	1.69	0.017	0.09	0.1	0.03	6.4	<0.1	<0.05	6	<0.5	<0.2
REP 1127213	QC	18	37	0.60	468	0.076	1	1.72	0.018	0.10	0.1	0.04	6.5	<0.1	<0.05	6	0.6	<0.2
1119283	Soil	29	14	0.65	306	0.062	<1	1.93	0.008	0.20	<0.1	0.02	6.0	0.2	<0.05	9	0.5	<0.2
REP 1119283	QC	29	14	0.63	309	0.060	<1	1.88	0.010	0.19	<0.1	0.02	5.9	0.2	<0.05	9	<0.5	<0.2
1119281	Soil	24	34	0.58	403	0.074	2	2.51	0.015	0.08	0.2	0.03	8.2	0.1	<0.05	7	<0.5	<0.2
REP 1119281	QC	26	37	0.61	436	0.083	<1	2.76	0.015	0.08	0.1	0.03	9.1	0.2	<0.05	8	0.7	<0.2
1112348	Soil	10	69	1.71	341	0.040	<1	2.84	0.013	0.11	<0.1	0.01	10.1	<0.1	<0.05	7	<0.5	<0.2
REP 1112348	QC	10	69	1.70	340	0.040	<1	2.85	0.015	0.10	<0.1	<0.01	10.3	<0.1	<0.05	7	<0.5	<0.2
1112342	Soil	12	32	0.55	122	0.093	1	1.84	0.009	0.10	0.1	0.03	2.0	0.2	<0.05	8	<0.5	<0.2
REP 1112342	QC	11	32	0.57	120	0.091	<1	1.88	0.009	0.10	0.1	0.02	2.0	0.2	<0.05	8	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	16	113	0.61	269	0.116	3	0.90	0.094	0.42	2.8	0.22	2.2	5.2	0.16	5	5.3	5.1
STD DS8	Standard	12	124	0.61	272	0.108	3	0.86	0.079	0.43	3.2	0.22	2.2	5.6	0.17	5	5.2	5.0
STD DS8	Standard	15	112	0.60	277	0.116	2	0.87	0.090	0.43	3.0	0.19	2.4	5.2	0.18	5	4.5	4.9
STD DS8	Standard	16	119	0.60	280	0.125	2	0.92	0.097	0.42	3.1	0.21	2.4	5.2	0.12	5	5.3	5.0
STD DS8	Standard	13	111	0.59	268	0.107	1	0.86	0.094	0.41	3.1	0.18	2.0	5.2	0.15	4	5.8	5.0
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

Project: CHA
Report Date: August 20, 2011

QUALITY CONTROL REPORT DAW11000150.1

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

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Report Date: August 20, 2011

QUALITY CONTROL REPORT DAW11000150.1

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

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
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Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: August 05, 2011
Report Date: August 20, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS DAW11000154.1

CLIENT JOB INFORMATION

Project: CHA
Shipment ID: CHA2011-23
P.O. Number
Number of Samples: 98

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	98	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	98	Dry at 60C			WHI
1DX2	98	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Project: CHA
Report Date: August 20, 2011

CERTIFICATE OF ANALYSIS DAW11000154.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1125307	Soil		0.3	11.0	12.4	75	<0.1	13.2	16.5	646	4.64	2.3	0.3	<0.5	2.4	7	<0.1	0.2	<0.1	91	0.11	0.018
1125302	Soil		1.0	27.1	9.8	54	0.1	18.2	10.2	271	3.31	8.1	0.5	1.2	2.8	15	0.2	0.3	0.2	82	0.19	0.022
1125304	Soil		0.8	37.0	9.7	53	<0.1	28.3	13.0	285	2.86	9.4	0.5	2.6	3.9	18	0.1	0.5	0.2	65	0.22	0.021
1125310	Soil		0.2	22.8	8.0	61	<0.1	14.1	20.1	508	3.76	2.1	0.2	<0.5	1.2	48	<0.1	0.4	<0.1	80	0.27	0.012
1125308	Soil		0.8	28.9	9.1	59	<0.1	29.8	14.9	283	2.96	11.6	0.5	4.0	4.1	18	0.1	0.6	0.2	64	0.22	0.025
1125312	Soil		0.5	48.6	7.0	73	<0.1	16.3	20.2	730	4.56	1.5	0.6	1.1	3.7	23	<0.1	1.0	<0.1	89	0.36	0.029
1125303	Soil		0.2	51.6	2.1	44	<0.1	32.3	21.7	416	2.39	1.7	0.2	0.6	1.4	25	<0.1	0.1	<0.1	65	0.35	0.020
1125311	Soil		0.3	82.4	4.8	80	<0.1	12.6	20.8	663	4.61	1.9	0.5	1.4	2.4	38	<0.1	0.5	<0.1	86	0.44	0.020
1125301	Soil		0.8	73.3	13.2	66	<0.1	20.5	12.9	361	3.17	6.2	0.4	2.3	2.9	20	0.1	0.4	0.1	83	0.28	0.027
1125309	Soil		0.6	9.8	7.1	54	<0.1	15.5	15.3	344	3.46	5.5	0.3	1.0	1.8	18	<0.1	1.9	0.1	96	0.26	0.016
1125305	Soil		1.0	33.5	10.2	63	<0.1	29.5	14.7	342	3.59	10.3	0.5	2.0	3.7	19	0.1	0.6	0.2	86	0.21	0.022
1125306	Soil		1.3	17.0	11.3	68	<0.1	23.1	14.1	340	4.18	12.4	0.5	1.3	3.1	18	0.2	0.7	0.2	88	0.20	0.045
1125327	Soil		0.4	11.2	10.5	65	<0.1	15.0	13.5	758	3.10	2.8	0.6	0.5	3.8	27	<0.1	0.2	<0.1	61	0.73	0.022
1125329	Soil		0.4	16.4	6.3	92	<0.1	17.9	19.9	545	4.37	3.3	0.4	<0.5	2.7	24	0.1	0.2	<0.1	85	0.28	0.017
1125331	Soil		0.5	15.8	7.7	71	<0.1	12.6	14.0	518	3.00	3.2	0.4	<0.5	2.2	10	<0.1	0.2	0.1	63	0.17	0.030
1125328	Soil		0.3	16.0	3.3	73	<0.1	16.1	18.6	531	3.82	2.0	0.2	<0.5	1.6	9	<0.1	0.1	<0.1	87	0.18	0.024
1125332	Soil		0.7	13.6	7.3	69	<0.1	14.2	12.8	466	3.43	5.5	0.3	<0.5	2.4	15	<0.1	0.3	<0.1	82	0.19	0.036
1116418	Soil		0.6	28.0	14.5	84	<0.1	25.8	14.6	494	4.38	2.5	0.8	<0.5	6.9	14	<0.1	0.3	0.1	82	0.20	0.026
1116415	Soil		0.7	14.8	7.6	54	<0.1	7.0	9.6	564	3.24	5.0	0.5	1.2	2.5	10	0.1	0.3	0.1	50	0.16	0.040
1125333	Soil		0.5	26.5	10.6	79	<0.1	18.5	15.7	363	3.58	5.7	0.8	1.7	5.0	16	<0.1	0.5	<0.1	75	0.16	0.009
1125334	Soil		0.6	24.6	10.2	74	<0.1	17.7	14.5	329	3.44	5.7	0.8	1.7	4.6	15	<0.1	0.4	0.1	70	0.16	0.010
1116419	Soil		1.4	28.3	6.9	93	<0.1	76.8	26.6	567	5.39	3.5	0.6	<0.5	3.2	12	<0.1	0.3	0.1	103	0.17	0.029
1125325	Soil		0.5	21.5	4.1	65	<0.1	18.3	17.6	436	3.53	4.1	0.2	<0.5	1.7	17	0.1	0.2	<0.1	80	0.30	0.033
1125330	Soil		0.5	14.6	7.7	64	<0.1	11.4	12.7	469	2.69	3.1	0.4	<0.5	2.0	10	<0.1	0.2	0.1	54	0.15	0.026
1125326	Soil		0.8	12.9	7.7	72	<0.1	19.0	16.1	646	3.75	6.9	0.3	1.2	2.3	20	0.3	0.4	0.1	91	0.30	0.045
1116422	Soil		1.1	17.8	5.1	45	<0.1	6.5	8.1	394	2.49	2.6	0.6	<0.5	2.8	8	<0.1	0.2	0.2	65	0.15	0.023
1116420	Soil		0.7	30.8	9.3	63	<0.1	27.9	13.6	467	3.43	6.1	1.2	1.0	5.9	18	<0.1	0.3	0.2	79	0.30	0.030
1116413	Soil		1.1	17.9	9.9	61	<0.1	20.1	11.5	373	3.45	9.5	0.5	1.3	4.6	13	0.2	0.6	0.2	70	0.15	0.049
1116423	Soil		0.6	22.0	8.8	53	<0.1	20.8	10.9	268	3.23	6.4	0.7	1.0	5.0	13	<0.1	0.4	0.1	60	0.18	0.019
1116421	Soil		0.9	24.4	8.8	64	<0.1	18.6	9.9	365	3.90	6.6	0.6	0.9	4.1	14	<0.1	0.4	0.2	81	0.20	0.027

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600 - 666 Burrard St.
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Project: CHA
Report Date: August 20, 2011

CERTIFICATE OF ANALYSIS DAW11000154.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1125307	Soil	3	27	2.26	111	0.072	1	3.85	0.008	0.18	<0.1	<0.01	8.0	0.1	<0.05	12	<0.5	<0.2
1125302	Soil	10	36	0.72	304	0.086	1	2.20	0.009	0.09	0.1	0.03	4.1	<0.1	<0.05	7	<0.5	<0.2
1125304	Soil	11	40	0.70	283	0.082	2	2.16	0.011	0.07	0.1	0.02	3.7	<0.1	<0.05	6	<0.5	<0.2
1125310	Soil	3	22	1.46	165	0.078	1	2.59	0.006	0.10	<0.1	<0.01	4.3	<0.1	<0.05	7	<0.5	<0.2
1125308	Soil	10	35	0.65	234	0.101	2	2.27	0.012	0.08	0.2	0.02	3.5	<0.1	<0.05	5	<0.5	<0.2
1125312	Soil	12	46	1.32	484	0.063	2	2.29	0.007	0.22	0.1	<0.01	10.9	0.1	<0.05	7	<0.5	<0.2
1125303	Soil	5	94	1.70	239	0.143	<1	1.91	0.013	0.28	<0.1	<0.01	2.5	0.2	<0.05	4	<0.5	<0.2
1125311	Soil	15	16	1.29	1019	0.083	<1	2.64	0.015	0.12	<0.1	<0.01	10.2	<0.1	<0.05	7	<0.5	<0.2
1125301	Soil	9	31	0.97	272	0.148	<1	2.02	0.013	0.12	0.1	0.02	3.6	0.1	<0.05	6	<0.5	<0.2
1125309	Soil	4	28	1.44	279	0.148	2	2.96	0.012	0.16	0.1	0.01	4.7	0.1	<0.05	7	<0.5	<0.2
1125305	Soil	10	63	0.94	244	0.126	2	2.57	0.011	0.09	0.1	0.03	4.3	0.1	<0.05	7	<0.5	<0.2
1125306	Soil	9	38	0.82	195	0.123	2	3.12	0.010	0.13	0.2	0.04	4.3	0.1	<0.05	8	<0.5	<0.2
1125327	Soil	19	40	1.11	293	0.050	<1	2.17	0.007	0.17	<0.1	<0.01	6.0	<0.1	<0.05	7	<0.5	<0.2
1125329	Soil	7	57	2.21	252	0.172	1	3.66	0.007	0.38	<0.1	<0.01	4.6	0.2	<0.05	10	<0.5	<0.2
1125331	Soil	7	36	1.16	168	0.126	<1	2.05	0.007	0.39	<0.1	<0.01	3.3	0.2	<0.05	7	<0.5	<0.2
1125328	Soil	4	58	1.84	505	0.268	<1	3.01	0.012	0.80	0.1	<0.01	3.1	0.2	<0.05	8	<0.5	<0.2
1125332	Soil	6	44	1.34	201	0.173	1	2.36	0.012	0.42	<0.1	<0.01	2.9	0.2	<0.05	8	<0.5	<0.2
1116418	Soil	17	62	1.39	227	0.090	<1	2.99	0.008	0.43	<0.1	0.02	9.6	0.2	<0.05	10	<0.5	<0.2
1116415	Soil	11	14	0.57	159	0.048	<1	1.78	0.008	0.11	<0.1	0.01	5.3	0.1	<0.05	8	<0.5	<0.2
1125333	Soil	23	49	1.31	189	0.125	1	2.76	0.008	0.24	<0.1	<0.01	5.3	0.2	<0.05	8	<0.5	<0.2
1125334	Soil	19	45	1.13	185	0.116	1	2.66	0.008	0.21	<0.1	0.01	4.6	0.2	<0.05	8	<0.5	<0.2
1116419	Soil	10	191	1.88	292	0.113	<1	3.47	0.007	0.43	<0.1	0.02	11.0	0.2	<0.05	9	<0.5	<0.2
1125325	Soil	3	54	1.56	367	0.203	1	2.45	0.011	0.54	<0.1	<0.01	3.5	0.2	<0.05	6	<0.5	<0.2
1125330	Soil	6	32	1.00	158	0.103	1	1.82	0.006	0.34	<0.1	<0.01	3.0	0.2	<0.05	6	<0.5	<0.2
1125326	Soil	6	55	1.41	270	0.174	1	2.57	0.011	0.38	<0.1	<0.01	3.7	0.1	<0.05	7	<0.5	<0.2
1116422	Soil	12	17	0.54	149	0.119	<1	1.24	0.010	0.24	<0.1	<0.01	4.0	0.1	<0.05	9	<0.5	<0.2
1116420	Soil	37	71	0.99	318	0.099	2	2.34	0.013	0.14	<0.1	0.01	7.6	0.1	<0.05	8	<0.5	<0.2
1116413	Soil	15	34	0.73	209	0.088	1	2.80	0.010	0.17	0.1	0.02	3.7	0.1	<0.05	8	<0.5	<0.2
1116423	Soil	16	44	0.64	217	0.056	1	2.24	0.009	0.17	<0.1	0.02	5.5	0.1	<0.05	6	<0.5	<0.2
1116421	Soil	11	40	0.94	198	0.123	2	2.55	0.009	0.26	<0.1	0.01	5.3	0.1	<0.05	9	<0.5	<0.2

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Project: CHA
Report Date: August 20, 2011

CERTIFICATE OF ANALYSIS DAW11000154.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1116424	Soil	1.0	30.3	8.6	78	<0.1	19.3	15.9	503	5.11	3.6	0.6	<0.5	3.2	11	<0.1	0.3	0.1	120	0.16	0.027
1116417	Soil	0.5	43.2	7.1	93	<0.1	25.4	19.5	763	5.45	2.8	0.7	0.8	3.0	18	<0.1	0.3	<0.1	131	0.28	0.029
1116414	Soil	0.5	66.2	5.0	72	<0.1	18.7	17.4	479	3.82	3.9	0.4	0.6	3.5	15	<0.1	0.3	<0.1	77	0.27	0.030
1116416	Soil	0.7	10.5	8.4	100	<0.1	44.8	20.1	911	4.30	4.5	0.3	0.9	1.2	16	0.1	0.3	0.1	102	0.24	0.071
1125321	Soil	1.0	18.3	8.4	67	0.2	16.3	8.5	344	2.94	8.0	0.3	0.6	2.3	17	0.2	0.5	0.1	79	0.19	0.051
1125316	Soil	0.8	28.7	7.8	60	<0.1	19.0	13.1	500	3.21	6.4	0.3	0.5	2.3	36	<0.1	0.4	0.1	78	0.31	0.018
1125319	Soil	0.7	73.0	6.1	112	<0.1	22.6	24.7	656	5.69	8.3	0.3	<0.5	2.7	16	0.1	0.4	0.2	122	0.21	0.023
1125320	Soil	0.7	56.8	5.6	95	<0.1	28.4	21.1	531	4.44	6.7	0.4	<0.5	3.1	19	0.1	0.3	0.1	89	0.18	0.015
1125323	Soil	0.6	56.9	6.4	60	<0.1	12.1	10.9	348	3.37	5.4	0.3	<0.5	2.4	10	<0.1	0.3	0.1	53	0.12	0.023
1125318	Soil	0.5	33.9	4.7	86	<0.1	27.8	21.7	472	3.94	3.8	0.1	<0.5	1.0	33	<0.1	0.2	<0.1	102	0.27	0.014
1125317	Soil	0.7	56.3	5.0	81	<0.1	28.9	23.9	764	5.49	3.4	0.2	<0.5	1.1	21	<0.1	0.3	<0.1	133	0.25	0.021
1125313	Soil	0.7	40.5	3.8	67	<0.1	22.1	19.8	440	3.59	4.3	0.2	<0.5	1.9	31	<0.1	0.3	<0.1	83	0.19	0.024
1125314	Soil	0.8	73.3	6.1	62	<0.1	26.0	18.2	392	3.68	6.3	0.2	<0.5	1.6	18	<0.1	0.3	<0.1	94	0.17	0.017
1116432	Soil	1.4	15.2	10.2	48	<0.1	15.3	8.4	235	3.29	8.2	0.7	2.9	5.5	9	0.1	0.5	0.2	53	0.09	0.020
1125322	Soil	0.9	33.0	7.2	70	<0.1	17.9	15.0	431	4.09	7.0	0.3	<0.5	2.2	13	0.2	0.5	0.1	102	0.12	0.028
1125315	Soil	0.7	82.8	2.9	61	<0.1	27.6	23.2	571	4.37	2.4	0.2	<0.5	1.3	20	<0.1	0.3	<0.1	102	0.28	0.026
1125324	Soil	0.3	12.8	4.0	79	<0.1	18.3	17.1	634	3.73	4.6	0.1	<0.5	1.2	17	<0.1	0.1	<0.1	83	0.17	0.035
1116430	Soil	0.9	22.8	9.2	50	<0.1	21.5	9.2	276	2.98	7.1	1.0	2.9	6.1	18	<0.1	0.6	0.1	61	0.19	0.012
1116427	Soil	1.3	9.4	8.2	29	<0.1	6.6	4.5	152	2.28	5.4	0.5	<0.5	4.1	8	0.1	0.3	0.2	59	0.07	0.018
1116426	Soil	1.3	15.0	9.3	55	<0.1	16.4	7.5	262	3.53	9.4	0.5	<0.5	4.2	13	<0.1	0.5	0.2	83	0.14	0.024
1116429	Soil	1.3	16.1	9.1	58	<0.1	13.8	12.1	388	3.87	4.5	0.7	1.3	6.2	14	<0.1	0.4	0.2	63	0.17	0.027
1116431	Soil	1.2	26.3	8.1	67	<0.1	27.2	11.2	325	3.68	8.8	0.7	<0.5	7.1	15	0.1	0.6	0.2	60	0.16	0.025
1116425	Soil	0.9	27.1	9.4	74	<0.1	26.6	16.1	497	3.83	6.3	1.0	<0.5	9.0	19	<0.1	0.4	0.2	77	0.19	0.020
1116428	Soil	1.1	13.3	11.2	56	<0.1	18.9	9.2	268	3.62	10.3	0.7	<0.5	5.5	14	<0.1	0.4	0.2	76	0.15	0.030
1116401	Soil	1.2	22.2	10.5	66	0.1	27.3	12.6	291	4.07	11.6	0.5	1.0	3.9	16	0.2	0.5	0.1	82	0.18	0.025
1116403	Soil	0.7	26.8	8.3	61	<0.1	21.3	11.9	277	3.77	9.5	0.5	<0.5	5.2	11	0.1	0.5	0.2	73	0.13	0.029
1116402	Soil	1.2	14.6	9.3	45	<0.1	13.3	7.2	211	3.70	8.5	0.5	<0.5	3.6	13	<0.1	0.4	0.2	77	0.13	0.021
1116405	Soil	1.0	16.8	5.0	57	<0.1	5.6	6.5	240	3.00	3.4	0.6	<0.5	4.7	8	<0.1	0.3	0.1	25	0.07	0.036
1116404	Soil	0.8	14.7	7.2	49	<0.1	6.8	4.8	209	2.22	4.4	0.6	<0.5	3.1	9	<0.1	0.2	0.2	53	0.09	0.033
1116406	Soil	1.4	32.6	10.9	75	<0.1	27.8	14.7	388	4.03	11.4	0.8	2.9	8.9	18	0.1	0.6	0.2	73	0.17	0.031

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1116424	Soil		13	55	1.95	183	0.146	1	3.16	0.009	0.26	<0.1	<0.01	9.7	0.2	<0.05	13	<0.5	<0.2
1116417	Soil		10	75	1.82	296	0.113	<1	3.15	0.013	0.28	<0.1	0.03	18.3	0.2	<0.05	11	<0.5	<0.2
1116414	Soil		15	19	1.43	278	0.180	<1	2.65	0.012	0.43	<0.1	<0.01	3.9	0.1	<0.05	6	<0.5	<0.2
1116416	Soil		6	127	1.95	251	0.136	2	2.55	0.010	0.51	<0.1	0.01	5.5	0.2	<0.05	11	<0.5	<0.2
1125321	Soil		8	25	0.48	235	0.109	2	1.95	0.009	0.11	<0.1	0.02	2.6	0.1	<0.05	8	<0.5	<0.2
1125316	Soil		7	42	0.96	247	0.131	1	2.26	0.011	0.10	<0.1	<0.01	3.4	<0.1	<0.05	7	<0.5	<0.2
1125319	Soil		4	36	1.79	125	0.245	2	3.31	0.005	0.06	0.1	0.02	3.6	<0.1	<0.05	8	<0.5	<0.2
1125320	Soil		5	28	1.43	234	0.241	1	3.01	0.010	0.16	0.1	0.02	3.4	0.1	<0.05	7	<0.5	<0.2
1125323	Soil		5	20	0.64	169	0.051	1	2.02	0.007	0.11	0.1	<0.01	2.9	<0.1	<0.05	6	<0.5	<0.2
1125318	Soil		2	65	1.78	182	0.218	1	2.86	0.008	0.19	0.1	0.02	2.9	0.1	<0.05	7	<0.5	<0.2
1125317	Soil		2	77	1.94	234	0.090	<1	3.26	0.010	0.07	<0.1	<0.01	9.8	<0.1	<0.05	9	<0.5	<0.2
1125313	Soil		4	58	1.68	278	0.241	<1	2.71	0.008	0.32	0.1	0.01	3.6	0.1	<0.05	5	<0.5	<0.2
1125314	Soil		3	45	1.34	266	0.216	<1	2.71	0.011	0.21	0.2	<0.01	2.6	0.1	<0.05	7	<0.5	<0.2
1116432	Soil		16	35	0.58	181	0.031	<1	2.21	0.007	0.09	0.1	0.01	3.1	<0.1	<0.05	6	<0.5	<0.2
1125322	Soil		5	31	1.26	309	0.190	1	3.03	0.010	0.35	0.2	0.02	4.1	0.2	<0.05	8	<0.5	<0.2
1125315	Soil		3	86	1.86	181	0.115	<1	2.67	0.012	0.10	<0.1	0.01	8.0	<0.1	<0.05	6	<0.5	<0.2
1125324	Soil		3	51	1.77	328	0.265	<1	2.53	0.008	0.32	<0.1	<0.01	2.7	<0.1	<0.05	6	<0.5	<0.2
1116430	Soil		17	36	0.60	364	0.080	<1	1.92	0.010	0.07	0.2	0.03	5.1	<0.1	<0.05	5	<0.5	<0.2
1116427	Soil		16	14	0.35	142	0.084	<1	1.26	0.009	0.10	0.1	0.02	2.1	<0.1	<0.05	7	<0.5	<0.2
1116426	Soil		14	31	0.58	154	0.099	1	1.92	0.008	0.14	0.2	0.02	3.6	<0.1	<0.05	8	<0.5	<0.2
1116429	Soil		16	27	0.77	205	0.067	<1	2.39	0.008	0.14	<0.1	0.02	4.8	<0.1	<0.05	7	<0.5	<0.2
1116431	Soil		13	35	0.79	275	0.112	<1	2.49	0.012	0.19	0.2	0.02	5.2	0.1	<0.05	7	<0.5	<0.2
1116425	Soil		30	51	1.20	280	0.156	<1	2.60	0.011	0.20	0.2	0.02	6.0	0.1	<0.05	8	<0.5	<0.2
1116428	Soil		12	39	0.58	224	0.099	<1	2.46	0.010	0.11	0.2	0.02	4.1	0.1	<0.05	8	<0.5	<0.2
1116401	Soil		11	49	0.77	316	0.096	1	2.94	0.010	0.12	0.1	0.03	4.7	<0.1	<0.05	8	<0.5	<0.2
1116403	Soil		12	32	0.76	172	0.108	<1	2.75	0.007	0.20	0.1	0.03	4.1	0.2	<0.05	7	0.6	<0.2
1116402	Soil		13	29	0.54	196	0.074	<1	1.87	0.008	0.08	0.1	0.01	3.3	<0.1	<0.05	8	<0.5	<0.2
1116405	Soil		28	9	0.38	119	0.023	<1	1.40	0.005	0.18	<0.1	0.01	2.3	<0.1	<0.05	5	<0.5	<0.2
1116404	Soil		17	16	0.44	117	0.123	<1	1.27	0.007	0.23	<0.1	0.02	2.6	0.1	<0.05	8	<0.5	<0.2
1116406	Soil		17	45	0.70	206	0.076	<1	3.10	0.010	0.17	0.2	0.03	5.3	0.2	<0.05	7	<0.5	<0.2

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

Project: CHA
Report Date: August 20, 2011

CERTIFICATE OF ANALYSIS DAW11000154.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1116409	Soil	0.9	19.1	7.6	57	<0.1	12.8	8.0	353	3.14	5.2	0.6	<0.5	5.5	16	<0.1	0.3	0.2	55	0.24	0.029
1116407	Soil	0.8	16.4	6.4	64	<0.1	10.6	7.7	379	3.54	5.7	0.7	<0.5	7.2	8	<0.1	0.3	0.2	48	0.10	0.027
1116408	Soil	0.8	20.1	7.3	64	<0.1	13.7	8.7	379	3.34	5.1	0.6	<0.5	6.0	15	0.1	0.3	0.1	55	0.22	0.031
1116412	Soil	0.8	12.2	5.5	69	<0.1	9.9	7.7	385	3.19	4.8	0.7	<0.5	7.3	12	<0.1	0.2	<0.1	47	0.17	0.052
1116410	Soil	0.8	17.8	8.1	65	<0.1	14.7	9.8	415	3.58	4.8	0.6	<0.5	7.1	13	<0.1	0.4	0.1	61	0.15	0.032
1116411	Soil	1.1	16.9	9.3	75	<0.1	15.7	10.2	488	4.08	7.1	0.7	<0.5	6.8	12	<0.1	0.4	0.2	72	0.18	0.034
1119323	Soil	1.1	28.5	9.2	95	<0.1	17.5	12.1	439	3.32	5.9	0.6	<0.5	5.1	23	0.2	0.3	0.2	71	0.47	0.023
1119324	Soil	1.2	34.6	8.6	78	<0.1	28.4	17.2	512	4.25	5.6	1.2	<0.5	3.7	35	0.1	0.4	0.1	100	0.25	0.037
1119330	Soil	0.9	27.2	8.1	57	<0.1	19.5	10.3	378	2.84	6.5	1.1	<0.5	5.1	39	<0.1	0.4	0.1	47	0.74	0.060
1119329	Soil	1.2	19.8	14.4	56	<0.1	20.6	10.2	289	2.92	6.4	0.7	1.3	5.3	28	0.3	0.4	0.1	68	0.45	0.018
1119322	Soil	1.3	27.3	11.3	90	<0.1	19.3	12.2	329	3.64	6.8	0.8	<0.5	5.8	18	<0.1	0.4	0.2	78	0.20	0.016
1119327	Soil	2.7	19.3	13.0	64	<0.1	46.1	13.7	409	3.84	4.4	1.5	<0.5	10.4	22	<0.1	0.3	<0.1	57	0.33	0.033
1119325	Soil	0.7	32.3	6.3	68	<0.1	14.3	11.1	450	3.46	3.4	0.6	0.7	4.1	25	<0.1	0.2	0.1	86	0.53	0.058
1119332	Soil	0.7	27.5	6.6	48	0.1	16.1	8.4	466	2.14	4.1	1.1	2.3	3.1	58	0.2	0.4	0.1	42	1.18	0.051
1119326	Soil	1.2	20.0	9.0	83	<0.1	27.7	14.0	672	4.06	2.2	1.1	<0.5	10.2	19	<0.1	<0.1	0.1	75	0.40	0.057
1119328	Soil	1.0	22.5	15.5	56	<0.1	21.9	10.5	494	2.75	5.9	0.6	2.4	6.2	26	0.1	0.4	0.2	58	0.45	0.026
1119321	Soil	1.6	18.4	14.0	40	<0.1	10.5	6.4	473	2.16	1.4	1.1	<0.5	12.8	30	<0.1	0.3	<0.1	19	0.23	0.014
1119331	Soil	1.1	13.0	7.9	56	<0.1	12.8	9.7	433	2.80	5.3	0.8	1.3	5.2	24	<0.1	0.3	0.2	54	0.41	0.036
1119310	Soil	1.1	21.1	10.1	47	<0.1	17.6	10.0	360	3.09	8.2	0.6	1.6	5.1	14	<0.1	0.5	0.2	65	0.17	0.023
1119302	Soil	1.2	20.6	14.1	51	<0.1	28.4	12.3	432	3.43	12.4	0.4	<0.5	3.1	21	<0.1	0.6	0.2	79	0.21	0.027
1119301	Soil	0.7	23.6	7.0	72	<0.1	14.8	13.8	532	3.56	3.7	0.3	0.6	1.7	15	<0.1	0.2	<0.1	89	0.15	0.021
1119304	Soil	1.0	25.9	10.9	62	<0.1	23.8	11.8	348	3.36	5.7	0.8	11.9	5.9	22	<0.1	0.5	0.1	77	0.21	0.013
1119303	Soil	0.7	16.5	6.2	67	<0.1	42.2	31.7	722	6.45	2.6	0.7	0.5	1.9	15	<0.1	0.3	0.1	182	0.22	0.051
1119308	Soil	1.0	24.2	9.2	58	<0.1	19.3	14.7	439	3.86	6.2	0.7	1.2	6.5	20	<0.1	0.5	0.1	94	0.23	0.027
1119306	Soil	1.0	15.7	8.2	59	<0.1	14.8	10.5	360	3.25	7.2	0.7	<0.5	4.4	12	0.1	0.4	0.1	68	0.13	0.026
1119307	Soil	1.0	14.6	8.7	53	<0.1	10.9	12.2	351	3.71	3.6	0.7	12.3	3.6	15	<0.1	0.3	0.1	92	0.16	0.015
1119305	Soil	1.2	17.5	8.0	51	<0.1	13.3	13.5	416	3.99	5.3	0.5	1.5	3.0	11	<0.1	0.4	<0.1	105	0.12	0.021
1119309	Soil	1.2	13.7	10.3	48	<0.1	15.2	9.6	390	2.83	5.7	0.5	6.5	3.5	14	<0.1	0.4	0.2	60	0.14	0.017
1119315	Soil	0.7	11.5	4.0	45	<0.1	11.7	13.4	467	3.60	3.4	0.5	<0.5	4.2	14	<0.1	0.3	<0.1	89	0.23	0.028
1119318	Soil	0.9	42.1	12.2	88	<0.1	10.4	13.0	508	3.90	3.3	1.2	0.9	5.0	13	<0.1	0.3	0.1	69	0.16	0.014

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Project: CHA
Report Date: August 20, 2011

CERTIFICATE OF ANALYSIS DAW11000154.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1116409	Soil		19	24	0.68	243	0.140	<1	1.70	0.009	0.18	0.1	0.03	3.8	0.1	<0.05	7	<0.5	<0.2
1116407	Soil		21	18	0.70	101	0.131	<1	1.73	0.007	0.28	0.2	<0.01	3.6	0.1	<0.05	7	<0.5	<0.2
1116408	Soil		18	23	0.79	244	0.139	1	1.79	0.009	0.19	0.1	0.01	4.2	0.1	<0.05	7	<0.5	<0.2
1116412	Soil		24	18	0.88	173	0.165	<1	1.75	0.009	0.47	0.1	<0.01	4.3	0.2	<0.05	8	<0.5	<0.2
1116410	Soil		22	28	0.94	179	0.133	<1	2.10	0.008	0.25	0.1	0.01	4.5	0.1	<0.05	8	<0.5	<0.2
1116411	Soil		19	39	1.31	199	0.163	<1	2.77	0.009	0.24	0.1	<0.01	5.8	0.2	<0.05	10	<0.5	<0.2
1119323	Soil		11	32	0.89	261	0.150	<1	1.73	0.016	0.38	0.4	<0.01	5.5	0.2	<0.05	6	<0.5	<0.2
1119324	Soil		9	49	1.36	341	0.226	1	2.40	0.012	0.49	0.5	0.01	6.2	0.1	<0.05	8	<0.5	<0.2
1119330	Soil		15	26	0.60	369	0.089	2	1.45	0.019	0.26	1.2	0.03	5.5	0.1	<0.05	5	<0.5	<0.2
1119329	Soil		13	34	0.55	304	0.125	2	1.64	0.015	0.29	0.2	0.02	4.3	<0.1	<0.05	5	<0.5	<0.2
1119322	Soil		12	35	0.80	352	0.135	<1	1.82	0.011	0.35	0.3	0.01	5.9	0.2	<0.05	6	<0.5	<0.2
1119327	Soil		22	55	1.21	414	0.151	<1	1.90	0.008	0.59	0.5	0.02	6.1	0.3	<0.05	7	<0.5	<0.2
1119325	Soil		14	25	1.55	499	0.145	1	1.99	0.015	0.64	0.3	0.01	9.0	0.2	<0.05	8	<0.5	<0.2
1119332	Soil		15	21	0.58	498	0.063	1	1.23	0.019	0.18	0.2	0.04	4.0	<0.1	0.06	4	0.8	<0.2
1119326	Soil		25	49	1.97	386	0.220	<1	2.39	0.008	1.30	1.4	<0.01	7.9	0.4	<0.05	10	<0.5	<0.2
1119328	Soil		18	31	0.76	438	0.098	1	1.56	0.016	0.35	0.6	0.03	5.2	0.1	<0.05	5	0.5	<0.2
1119321	Soil		28	16	0.47	736	0.003	<1	1.25	0.007	0.16	1.4	0.02	4.0	<0.1	<0.05	3	<0.5	<0.2
1119331	Soil		13	25	0.78	293	0.113	<1	1.61	0.015	0.46	1.2	<0.01	4.4	0.1	<0.05	6	<0.5	<0.2
1119310	Soil		15	30	0.61	353	0.058	<1	1.97	0.009	0.10	0.2	<0.01	3.8	<0.1	<0.05	6	<0.5	<0.2
1119302	Soil		8	39	0.61	514	0.077	1	2.27	0.009	0.11	0.1	<0.01	2.9	<0.1	<0.05	7	0.6	<0.2
1119301	Soil		5	47	1.58	303	0.142	<1	2.44	0.007	0.30	0.1	<0.01	3.5	0.1	<0.05	10	<0.5	<0.2
1119304	Soil		27	51	0.78	636	0.063	<1	2.16	0.011	0.09	<0.1	<0.01	5.5	<0.1	<0.05	6	<0.5	<0.2
1119303	Soil		5	131	2.01	455	0.126	<1	3.53	0.007	0.37	<0.1	<0.01	13.3	0.1	<0.05	11	<0.5	<0.2
1119308	Soil		18	28	0.92	460	0.120	2	2.50	0.012	0.30	0.1	0.02	5.3	0.1	<0.05	8	<0.5	<0.2
1119306	Soil		12	22	0.72	279	0.077	1	1.99	0.009	0.24	0.1	0.01	4.1	<0.1	<0.05	6	<0.5	<0.2
1119307	Soil		10	15	0.75	443	0.094	<1	2.00	0.010	0.36	0.1	<0.01	5.3	0.1	<0.05	6	<0.5	<0.2
1119305	Soil		7	22	0.87	360	0.125	<1	2.26	0.008	0.41	<0.1	<0.01	5.0	0.2	<0.05	8	0.5	<0.2
1119309	Soil		9	30	0.55	333	0.062	<1	1.76	0.008	0.14	0.2	0.02	3.0	<0.1	<0.05	6	<0.5	<0.2
1119315	Soil		8	24	1.08	390	0.107	<1	1.81	0.011	0.35	<0.1	<0.01	6.7	0.1	<0.05	7	<0.5	<0.2
1119318	Soil		8	15	0.63	456	0.061	<1	1.22	0.006	0.42	<0.1	<0.01	7.8	0.2	<0.05	4	0.6	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1119314	Soil	1.3	15.1	6.4	53	<0.1	19.2	18.2	464	4.98	3.7	0.9	<0.5	4.1	11	<0.1	0.4	0.1	106	0.12	0.028
1119320	Soil	0.8	94.1	15.1	84	<0.1	18.1	14.6	839	3.76	2.3	0.8	1.7	6.6	19	<0.1	0.2	0.3	86	0.37	0.039
1119317	Soil	0.9	23.1	5.8	57	<0.1	17.3	11.9	372	3.23	5.9	0.5	4.3	3.0	22	<0.1	0.3	<0.1	84	0.30	0.019
1119316	Soil	0.7	10.9	3.6	44	<0.1	10.8	13.4	443	3.54	3.1	0.5	1.0	4.3	13	<0.1	0.2	<0.1	89	0.23	0.028
1119319	Soil	1.6	30.6	11.4	69	<0.1	8.4	9.0	300	2.71	2.5	0.9	<0.5	4.7	14	0.1	0.2	0.3	47	0.22	0.015
1119313	Soil	1.2	12.9	5.5	45	<0.1	9.7	17.6	392	4.34	3.4	0.5	<0.5	3.8	11	<0.1	0.3	<0.1	106	0.16	0.025
1119312	Soil	1.1	8.5	9.7	48	<0.1	12.0	9.7	318	3.29	5.8	0.4	0.9	3.3	14	<0.1	0.4	0.1	69	0.15	0.022
1119311	Soil	1.1	12.0	8.9	54	<0.1	13.5	8.0	270	2.88	5.7	0.6	3.1	3.9	21	<0.1	0.4	0.1	59	0.21	0.025

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1119314	Soil	10	41	1.13	487	0.075	<1	2.32	0.008	0.30	<0.1	<0.01	9.3	0.1	<0.05	8	<0.5	<0.2
1119320	Soil	23	41	1.34	647	0.093	<1	2.16	0.009	0.52	0.5	<0.01	10.1	0.1	<0.05	8	<0.5	<0.2
1119317	Soil	8	31	1.13	437	0.154	<1	2.01	0.012	0.29	0.2	0.02	4.5	0.1	<0.05	6	<0.5	<0.2
1119316	Soil	9	23	1.15	390	0.108	<1	1.85	0.012	0.37	<0.1	<0.01	7.1	0.1	<0.05	7	0.5	<0.2
1119319	Soil	15	14	0.49	284	0.036	<1	1.31	0.006	0.27	0.3	<0.01	3.0	0.1	<0.05	4	<0.5	<0.2
1119313	Soil	9	21	1.26	456	0.127	<1	2.42	0.014	0.48	<0.1	<0.01	7.3	0.2	<0.05	9	<0.5	<0.2
1119312	Soil	10	20	0.70	427	0.082	<1	1.89	0.010	0.26	<0.1	0.01	3.7	0.1	<0.05	7	<0.5	<0.2
1119311	Soil	15	22	0.63	555	0.082	<1	1.71	0.011	0.14	0.2	<0.01	3.9	<0.1	<0.05	6	<0.5	<0.2

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

Project: CHA
Report Date: August 20, 2011

QUALITY CONTROL REPORT DAW11000154.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1125301	Soil	0.8	73.3	13.2	66	<0.1	20.5	12.9	361	3.17	6.2	0.4	2.3	2.9	20	0.1	0.4	0.1	83	0.28	0.027
REP 1125301	QC	0.8	70.2	13.7	66	<0.1	20.2	12.7	350	3.13	6.1	0.4	3.1	2.8	20	0.1	0.4	0.1	81	0.26	0.026
1116414	Soil	0.5	66.2	5.0	72	<0.1	18.7	17.4	479	3.82	3.9	0.4	0.6	3.5	15	<0.1	0.3	<0.1	77	0.27	0.030
REP 1116414	QC	0.6	67.5	5.2	74	<0.1	19.6	17.6	490	3.96	3.9	0.4	<0.5	3.7	15	<0.1	0.3	<0.1	80	0.28	0.031
1125323	Soil	0.6	56.9	6.4	60	<0.1	12.1	10.9	348	3.37	5.4	0.3	<0.5	2.4	10	<0.1	0.3	0.1	53	0.12	0.023
REP 1125323	QC	0.8	57.5	6.4	57	<0.1	11.9	11.2	353	3.42	4.6	0.3	<0.5	2.4	10	0.1	0.6	0.1	58	0.12	0.024
1119322	Soil	1.3	27.3	11.3	90	<0.1	19.3	12.2	329	3.64	6.8	0.8	<0.5	5.8	18	<0.1	0.4	0.2	78	0.20	0.016
REP 1119322	QC	1.3	28.2	11.6	87	<0.1	19.5	12.8	329	3.66	5.2	0.8	3.6	6.0	19	<0.1	0.4	0.2	77	0.20	0.016
1119315	Soil	0.7	11.5	4.0	45	<0.1	11.7	13.4	467	3.60	3.4	0.5	<0.5	4.2	14	<0.1	0.3	<0.1	89	0.23	0.028
REP 1119315	QC	0.7	11.1	4.1	44	<0.1	11.7	13.5	466	3.55	3.6	0.5	0.9	4.1	14	<0.1	0.2	<0.1	92	0.23	0.028
1119316	Soil	0.7	10.9	3.6	44	<0.1	10.8	13.4	443	3.54	3.1	0.5	1.0	4.3	13	<0.1	0.2	<0.1	89	0.23	0.028
REP 1119316	QC	0.6	11.9	3.7	45	<0.1	10.8	13.8	471	3.69	3.3	0.5	2.4	4.4	14	<0.1	0.2	<0.1	93	0.23	0.028
Reference Materials																					
STD DS8	Standard	13.5	116.2	131.8	321	1.9	40.3	8.6	621	2.50	25.9	2.9	114.5	7.5	70	2.3	5.9	6.6	45	0.74	0.079
STD DS8	Standard	14.0	111.9	131.4	329	1.8	39.2	7.8	641	2.47	24.4	2.9	112.7	6.9	72	2.6	6.6	7.4	44	0.70	0.081
STD DS8	Standard	14.8	127.6	134.5	323	1.9	46.1	8.9	668	2.81	26.8	2.9	103.6	7.2	70	2.7	5.9	6.6	47	0.72	0.077
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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

Project: CHA
Report Date: August 20, 2011

QUALITY CONTROL REPORT DAW11000154.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1125301	Soil	9	31	0.97	272	0.148	<1	2.02	0.013	0.12	0.1	0.02	3.6	0.1	<0.05	6	<0.5	<0.2
REP 1125301	QC	9	31	0.94	278	0.146	<1	1.97	0.016	0.11	0.1	0.02	3.5	0.1	<0.05	6	<0.5	<0.2
1116414	Soil	15	19	1.43	278	0.180	<1	2.65	0.012	0.43	<0.1	<0.01	3.9	0.1	<0.05	6	<0.5	<0.2
REP 1116414	QC	15	21	1.46	286	0.187	1	2.71	0.012	0.43	<0.1	<0.01	3.9	0.2	<0.05	7	<0.5	<0.2
1125323	Soil	5	20	0.64	169	0.051	1	2.02	0.007	0.11	0.1	<0.01	2.9	<0.1	<0.05	6	<0.5	<0.2
REP 1125323	QC	5	19	0.64	168	0.051	<1	2.00	0.008	0.11	<0.1	0.01	2.8	<0.1	<0.05	6	<0.5	<0.2
1119322	Soil	12	35	0.80	352	0.135	<1	1.82	0.011	0.35	0.3	0.01	5.9	0.2	<0.05	6	<0.5	<0.2
REP 1119322	QC	12	34	0.86	348	0.134	<1	1.82	0.011	0.34	0.3	<0.01	6.4	0.2	<0.05	6	<0.5	<0.2
1119315	Soil	8	24	1.08	390	0.107	<1	1.81	0.011	0.35	<0.1	<0.01	6.7	0.1	<0.05	7	<0.5	<0.2
REP 1119315	QC	8	24	1.15	390	0.114	<1	1.91	0.012	0.38	<0.1	<0.01	7.0	0.1	<0.05	7	0.5	<0.2
1119316	Soil	9	23	1.15	390	0.108	<1	1.85	0.012	0.37	<0.1	<0.01	7.1	0.1	<0.05	7	0.5	<0.2
REP 1119316	QC	9	24	1.22	393	0.119	<1	1.95	0.012	0.39	<0.1	<0.01	7.7	0.1	<0.05	8	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	17	121	0.63	286	0.136	3	0.96	0.099	0.43	3.2	0.20	2.4	5.4	0.15	5	4.9	5.0
STD DS8	Standard	15	124	0.72	289	0.119	2	0.94	0.090	0.42	3.5	0.21	2.2	6.1	0.16	5	6.2	5.3
STD DS8	Standard	15	144	0.60	292	0.139	3	0.93	0.085	0.42	3.3	0.20	2.7	5.4	0.09	5	4.4	4.6
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

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

Submitted By: Mike Skead
Receiving Lab: Canada-Whitehorse
Received: June 28, 2011
Report Date: July 10, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS WHI11000326.1

CLIENT JOB INFORMATION

Project: CHA
Shipment ID: CHA2011-03
P.O. Number
Number of Samples: 320

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

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

ADDITIONAL COMMENTS

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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

Project: CHA
Report Date: July 10, 2011

CERTIFICATE OF ANALYSIS WHI11000326.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1199330	Soil	0.6	26.7	10.8	52	<0.1	16.0	14.1	311	3.54	6.1	0.3	4.1	2.1	36	<0.1	0.3	0.2	99	0.33	0.035
1199327	Soil	0.9	331.2	8.6	136	<0.1	127.9	62.6	793	7.67	2.2	0.3	15.0	0.6	67	<0.1	0.2	<0.1	137	0.73	0.090
1199328	Soil	0.8	344.7	7.9	119	<0.1	128.8	55.9	751	7.41	1.9	0.3	17.6	0.6	63	0.1	0.1	<0.1	130	0.66	0.079
1199329	Soil	0.2	10.4	4.9	83	<0.1	30.6	32.9	631	6.49	6.5	0.3	2.1	1.0	41	<0.1	<0.1	<0.1	219	0.58	0.089
1199331	Soil	0.7	37.6	10.5	62	<0.1	21.1	13.5	387	3.60	7.6	0.7	11.4	3.9	44	<0.1	0.4	0.2	99	0.47	0.043
1199332	Soil	0.6	71.9	15.5	67	<0.1	13.2	19.1	387	4.03	6.1	0.9	4.8	2.7	68	0.2	0.4	0.2	122	0.70	0.049
1199333	Soil	0.3	44.2	6.6	44	<0.1	26.7	22.5	412	4.24	4.8	0.5	4.6	1.9	188	0.1	0.2	<0.1	127	1.83	0.060
1036451	Soil	0.9	35.9	12.0	57	<0.1	20.0	9.9	274	2.78	10.3	0.6	3.7	5.5	30	<0.1	0.5	0.2	71	0.27	0.025
1036454	Soil	0.8	33.5	20.1	66	0.2	30.3	20.6	382	3.68	3.5	0.5	2.2	0.8	81	0.3	0.2	0.2	102	1.26	0.025
1036452	Soil	1.2	19.4	13.0	53	0.1	19.9	8.8	288	2.92	11.5	0.5	6.5	4.0	22	<0.1	0.5	0.3	71	0.18	0.028
1036453	Soil	0.4	47.4	5.5	64	<0.1	12.6	18.2	619	5.09	3.3	0.6	5.1	1.5	115	<0.1	0.3	<0.1	140	1.74	0.169
1199326	Soil	0.5	41.2	24.9	47	0.1	6.3	10.7	633	3.99	25.2	2.9	<0.5	52.5	166	<0.1	0.4	1.1	70	1.20	0.267
1036457	Soil	1.5	23.1	25.5	69	<0.1	16.2	9.2	266	3.27	16.9	0.5	0.5	3.7	102	0.2	0.4	0.3	87	0.97	0.023
1036456	Soil	2.8	16.9	22.3	68	<0.1	28.1	9.6	417	3.17	16.4	0.6	0.5	4.4	109	0.2	0.4	0.2	73	0.82	0.036
1036458	Soil	1.3	29.0	19.4	72	<0.1	8.5	8.8	362	3.07	5.5	1.1	6.7	7.6	115	0.2	0.3	0.5	73	1.15	0.027
1036455	Soil	2.2	116.7	12.9	66	<0.1	24.1	23.5	323	4.74	7.7	2.7	7.4	2.3	49	0.2	0.7	0.3	127	0.48	0.028
1068021	Soil	2.1	13.9	19.5	42	<0.1	21.8	6.1	317	2.99	12.1	0.5	1.9	2.5	125	0.2	0.6	0.2	58	0.08	0.036
1068022	Soil	1.0	7.8	23.7	38	<0.1	10.6	5.4	406	1.87	6.7	1.1	0.6	1.9	237	0.2	0.5	0.1	36	0.09	0.026
1067677	Soil	1.7	26.1	25.3	73	0.2	17.1	7.7	479	2.87	4.7	1.8	2.4	5.3	27	0.3	0.3	0.3	36	0.27	0.057
1067681	Soil	1.7	21.3	10.4	73	0.4	16.6	9.4	514	3.00	8.8	1.4	39.9	4.9	29	0.2	0.8	0.2	44	0.36	0.078
1068020	Soil	1.4	13.2	15.0	42	<0.1	20.0	8.1	294	2.36	9.2	0.7	0.8	2.0	26	0.2	0.5	0.2	54	0.17	0.046
1067676	Soil	1.5	13.4	12.3	63	0.1	17.8	8.5	432	2.51	4.8	1.2	4.6	4.6	32	<0.1	0.3	0.2	42	0.38	0.049
1067679	Soil	1.5	9.8	12.2	52	<0.1	16.7	7.0	335	2.29	5.3	0.6	1.8	3.5	21	0.2	0.4	0.2	43	0.27	0.039
1067665	Soil	1.3	7.0	13.8	52	<0.1	12.8	6.3	307	2.11	3.0	0.3	0.7	0.8	9	<0.1	0.2	0.1	42	0.07	0.028
1068016	Soil	1.7	16.7	17.3	45	<0.1	20.6	6.8	245	3.12	11.5	0.6	4.5	2.9	15	0.2	0.7	0.3	73	0.13	0.032
1067664	Soil	0.8	117.8	23.1	80	0.1	232.3	31.3	594	4.80	5.8	1.1	2.2	10.1	104	0.2	0.2	0.2	136	1.11	0.263
1067680	Soil	1.3	13.5	10.1	56	0.2	12.8	6.4	259	2.28	7.9	1.1	5.5	4.9	21	0.1	0.6	0.2	35	0.27	0.058
1067682	Soil	1.0	38.5	8.8	63	<0.1	22.8	18.9	622	3.78	5.4	0.6	2.9	3.7	23	0.1	0.6	0.2	103	0.31	0.046
1068015	Soil	1.9	13.6	17.7	40	<0.1	22.5	6.6	293	2.37	10.0	0.4	0.6	2.6	28	0.2	0.6	0.3	66	0.24	0.016
1067651	Soil	0.6	30.2	13.3	74	0.2	27.9	10.6	434	2.62	10.5	0.5	4.5	1.7	43	0.7	0.9	0.2	54	3.05	0.077

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Vancouver BC Canada

Project: CHA
Report Date: July 10, 2011

CERTIFICATE OF ANALYSIS WHI11000326.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1199330	Soil	6	23	1.08	203	0.219	<1	2.16	0.023	0.28	0.1	<0.01	3.2	0.2	<0.05	6	<0.5	<0.2
1199327	Soil	5	205	4.34	618	0.530	<1	4.50	0.061	2.51	<0.1	<0.01	7.3	1.1	<0.05	12	<0.5	<0.2
1199328	Soil	5	232	4.29	570	0.480	<1	4.67	0.063	2.34	<0.1	<0.01	6.2	1.1	<0.05	12	<0.5	<0.2
1199329	Soil	7	44	3.23	358	0.507	<1	3.67	0.016	2.18	<0.1	<0.01	15.1	1.3	<0.05	12	<0.5	<0.2
1199331	Soil	12	30	0.96	280	0.196	<1	2.12	0.028	0.20	0.2	0.02	6.0	0.2	<0.05	6	<0.5	<0.2
1199332	Soil	11	28	1.51	230	0.342	<1	2.78	0.033	0.39	0.1	0.01	11.2	0.4	<0.05	11	<0.5	<0.2
1199333	Soil	7	55	1.72	224	0.300	<1	4.49	0.095	0.68	0.2	<0.01	7.4	0.4	<0.05	11	0.5	<0.2
1036451	Soil	12	33	0.82	146	0.142	2	1.94	0.015	0.07	0.2	0.02	5.2	<0.1	<0.05	6	<0.5	<0.2
1036454	Soil	3	59	1.08	139	0.204	<1	4.23	0.034	0.40	0.3	0.02	5.4	0.2	<0.05	10	<0.5	<0.2
1036452	Soil	9	31	0.61	149	0.101	1	2.13	0.010	0.11	0.1	0.02	3.3	<0.1	<0.05	6	<0.5	<0.2
1036453	Soil	7	21	1.81	268	0.336	<1	4.19	0.039	0.85	0.1	<0.01	7.5	0.6	<0.05	14	<0.5	<0.2
1199326	Soil	43	11	1.02	197	0.123	<1	3.21	0.029	0.32	0.1	0.01	4.6	0.5	<0.05	12	<0.5	<0.2
1036457	Soil	8	50	0.85	169	0.194	<1	3.51	0.014	0.44	0.8	0.02	4.7	0.3	<0.05	11	<0.5	<0.2
1036456	Soil	9	65	0.81	218	0.189	<1	2.90	0.014	0.57	0.8	0.02	4.4	0.3	<0.05	11	<0.5	<0.2
1036458	Soil	12	21	0.84	100	0.057	1	2.85	0.030	0.26	0.2	0.01	8.4	0.2	<0.05	9	<0.5	<0.2
1036455	Soil	10	40	1.07	161	0.229	<1	2.56	0.026	0.24	0.4	<0.01	5.7	0.3	<0.05	9	0.5	<0.2
1068021	Soil	8	35	0.28	158	0.036	<1	1.92	0.008	0.05	0.1	0.03	1.8	<0.1	<0.05	7	0.7	<0.2
1068022	Soil	9	18	0.31	356	0.020	<1	1.32	0.006	0.07	<0.1	0.03	1.1	<0.1	<0.05	4	<0.5	<0.2
1067677	Soil	25	25	0.41	760	0.017	<1	1.61	0.009	0.12	0.1	0.05	3.8	<0.1	<0.05	4	<0.5	<0.2
1067681	Soil	16	22	0.38	544	0.033	1	1.35	0.012	0.11	0.8	0.03	5.5	<0.1	<0.05	4	<0.5	<0.2
1068020	Soil	12	31	0.45	129	0.055	<1	1.91	0.011	0.06	0.1	0.04	2.2	0.1	<0.05	6	<0.5	<0.2
1067676	Soil	19	26	0.42	568	0.023	<1	1.52	0.010	0.08	0.2	0.04	3.2	<0.1	<0.05	4	<0.5	<0.2
1067679	Soil	16	29	0.38	341	0.033	<1	1.27	0.009	0.09	0.2	0.02	2.2	<0.1	<0.05	4	<0.5	<0.2
1067665	Soil	21	23	0.66	136	0.020	<1	1.55	0.008	0.07	<0.1	0.01	2.1	<0.1	<0.05	7	<0.5	<0.2
1068016	Soil	10	37	0.39	94	0.077	2	1.92	0.010	0.06	0.2	0.04	2.1	<0.1	<0.05	7	<0.5	<0.2
1067664	Soil	36	376	3.89	1074	0.011	<1	4.51	0.009	0.10	<0.1	0.01	7.7	<0.1	<0.05	10	<0.5	<0.2
1067680	Soil	19	17	0.38	365	0.025	<1	1.27	0.008	0.09	1.8	0.03	3.1	<0.1	<0.05	4	<0.5	<0.2
1067682	Soil	12	39	0.83	199	0.076	<1	2.01	0.013	0.06	0.6	0.03	7.2	<0.1	<0.05	6	0.5	<0.2
1068015	Soil	8	36	0.33	198	0.040	<1	1.86	0.009	0.06	0.1	0.02	1.9	0.1	<0.05	6	<0.5	<0.2
1067651	Soil	16	31	0.55	265	0.040	2	1.59	0.020	0.07	0.2	0.08	3.6	<0.1	<0.05	4	0.8	<0.2

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

Project: CHA
Report Date: July 10, 2011

CERTIFICATE OF ANALYSIS WHI11000326.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1067663	Soil	0.9	138.9	24.3	83	0.1	276.5	35.1	680	5.23	5.4	1.3	2.6	11.3	125	0.1	0.2	0.1	152	1.21	0.317
1067683	Soil	1.0	22.0	10.3	60	0.2	20.1	7.4	249	2.55	7.1	1.0	5.6	3.1	26	<0.1	0.5	0.2	46	0.31	0.055
1067657	Soil	0.6	54.0	12.9	58	<0.1	70.0	15.9	770	3.35	2.6	1.3	1.4	7.3	126	0.1	0.8	0.1	42	2.21	0.186
1067674	Soil	2.1	32.8	24.0	81	0.2	14.7	6.3	305	2.44	3.2	1.4	1.4	5.7	22	0.2	0.3	0.3	37	0.26	0.050
1067675	Soil	1.7	8.9	10.2	43	0.1	11.8	3.8	149	1.56	3.2	0.7	0.6	2.2	23	0.1	0.2	0.2	31	0.29	0.029
1067654	Soil	0.9	19.0	11.8	68	0.1	28.8	11.1	425	2.59	10.4	0.4	2.3	3.3	41	0.3	0.7	0.3	54	2.52	0.025
1067669	Soil	1.7	18.0	15.3	66	<0.1	22.6	11.7	543	3.30	5.8	1.3	0.7	8.5	21	0.2	0.3	0.3	52	0.35	0.034
1067673	Soil	5.1	13.0	11.3	33	0.1	31.6	2.4	130	1.13	1.9	0.7	1.4	0.7	8	0.2	0.2	0.3	21	0.06	0.033
1067658	Soil	0.9	50.9	11.4	54	<0.1	63.0	14.7	786	3.17	1.9	1.1	<0.5	6.9	104	<0.1	0.7	0.1	35	1.84	0.165
1067656	Soil	1.0	17.8	11.7	69	0.2	31.0	10.6	491	2.63	10.1	0.7	2.7	2.6	41	0.3	0.7	0.2	51	3.21	0.055
1067678	Soil	1.3	13.6	10.1	65	<0.1	15.2	8.1	377	2.56	5.0	0.8	<0.5	5.0	19	0.1	0.3	0.2	47	0.24	0.044
1067672	Soil	1.7	13.8	11.6	45	0.4	10.4	4.2	249	1.53	2.5	1.0	3.5	2.4	35	0.2	0.2	0.3	27	0.58	0.056
1067666	Soil	0.7	8.0	8.8	18	<0.1	6.3	2.7	102	1.39	3.6	0.3	1.7	1.2	9	<0.1	0.2	0.1	34	0.08	0.020
1067655	Soil	0.8	22.4	11.4	58	0.2	25.8	10.5	519	2.56	9.9	0.6	2.4	1.1	42	0.4	0.8	0.2	48	2.60	0.075
1067670	Soil	1.5	24.4	17.0	79	<0.1	19.2	12.4	909	3.43	5.1	1.2	2.0	5.8	33	0.2	0.3	0.3	58	0.55	0.066
1067668	Soil	0.8	19.1	18.9	102	0.2	27.6	12.9	1123	3.79	6.8	0.7	23.5	2.4	46	0.6	1.3	0.1	65	2.90	0.115
1067652	Soil	0.4	13.2	7.4	32	<0.1	9.1	4.3	201	1.47	3.4	0.6	0.9	0.4	29	0.9	0.3	0.2	30	2.09	0.056
1067653	Soil	1.0	16.5	13.4	69	<0.1	27.8	12.0	405	3.41	11.6	1.0	2.7	4.0	34	0.4	0.6	0.2	66	1.62	0.032
1067660	Soil	1.5	28.8	16.3	27	<0.1	41.6	7.9	269	2.99	8.6	0.5	2.0	3.0	12	<0.1	0.6	0.3	104	0.10	0.044
1067662	Soil	1.5	15.1	23.4	47	<0.1	10.0	8.6	853	2.24	2.1	1.4	3.3	21.3	10	0.1	0.1	0.2	15	0.27	0.073
1067659	Soil	0.6	120.3	22.1	63	0.4	169.5	25.1	608	4.51	5.8	1.6	2.6	9.2	78	0.1	0.6	0.2	83	0.64	0.212
1067661	Soil	2.0	30.2	23.5	49	<0.1	16.0	10.9	846	3.05	4.0	1.0	<0.5	17.0	7	<0.1	0.3	0.3	36	0.08	0.045
1067671	Soil	1.7	15.5	24.3	71	<0.1	17.9	8.5	352	3.17	5.7	1.0	3.7	8.2	13	<0.1	0.3	0.8	55	0.13	0.028
1067667	Soil	1.6	10.7	23.4	105	<0.1	9.2	14.1	777	4.71	4.5	0.4	0.7	1.4	11	<0.1	0.5	0.2	82	0.18	0.104
1067559	Soil	0.9	39.2	13.2	81	<0.1	34.8	17.7	1990	3.65	8.1	0.5	4.1	3.3	19	0.4	0.5	0.2	71	0.25	0.090
1067562	Soil	1.7	71.1	6.9	55	<0.1	21.5	14.0	478	3.20	6.0	0.7	4.2	3.4	10	0.1	0.4	0.1	41	0.09	0.015
1067552	Soil	0.7	35.2	8.7	65	0.1	23.7	15.2	899	3.54	6.0	0.8	3.3	2.0	26	0.1	0.4	0.2	78	0.81	0.105
1067558	Soil	0.7	36.2	10.0	74	0.1	35.5	14.6	1219	2.79	7.3	0.5	6.9	2.9	40	0.2	0.6	0.1	63	0.93	0.126
1067554	Soil	9.5	100.7	8.7	67	0.1	25.1	19.1	866	3.38	6.7	0.4	24.8	2.8	17	0.2	0.5	0.3	57	0.25	0.087
1067557	Soil	0.9	36.2	11.7	66	0.2	34.2	13.9	825	2.77	8.2	0.5	5.4	2.3	31	0.1	0.4	0.2	58	0.72	0.075

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Vancouver BC Canada

Project: CHA
Report Date: July 10, 2011

CERTIFICATE OF ANALYSIS WHI11000326.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1067663	Soil	43	441	4.66	1211	0.010	1	5.13	0.008	0.10	<0.1	0.02	9.2	<0.1	<0.05	11	<0.5	<0.2
1067683	Soil	15	24	0.45	377	0.034	2	1.58	0.010	0.06	0.3	0.04	4.0	<0.1	<0.05	4	<0.5	<0.2
1067657	Soil	15	80	0.30	1048	0.001	2	0.92	0.006	0.16	<0.1	0.02	7.4	0.1	<0.05	2	<0.5	<0.2
1067674	Soil	21	21	0.50	347	0.015	<1	1.73	0.011	0.14	0.1	0.03	3.1	0.1	<0.05	5	<0.5	<0.2
1067675	Soil	13	21	0.23	231	0.020	<1	1.05	0.013	0.08	0.1	0.02	1.6	<0.1	<0.05	4	0.6	<0.2
1067654	Soil	12	29	0.96	202	0.056	2	1.52	0.019	0.06	0.2	0.06	3.5	<0.1	<0.05	5	<0.5	<0.2
1067669	Soil	27	33	0.62	437	0.029	<1	1.91	0.013	0.12	0.2	0.02	3.9	0.1	0.08	6	0.5	<0.2
1067673	Soil	12	47	0.10	109	0.016	<1	0.69	0.012	0.05	0.1	0.03	0.9	<0.1	0.06	3	<0.5	<0.2
1067658	Soil	16	59	0.24	1153	0.002	1	0.83	0.004	0.13	0.1	0.01	6.5	0.1	<0.05	2	0.6	<0.2
1067656	Soil	14	32	2.10	168	0.045	2	1.47	0.016	0.06	0.2	0.04	3.0	<0.1	<0.05	4	0.6	<0.2
1067678	Soil	18	24	0.43	312	0.032	<1	1.40	0.007	0.11	0.2	0.03	2.8	<0.1	<0.05	4	<0.5	<0.2
1067672	Soil	16	16	0.22	357	0.011	1	1.28	0.015	0.09	0.2	0.05	2.5	0.1	0.08	4	<0.5	<0.2
1067666	Soil	8	12	0.15	170	0.029	<1	1.06	0.015	0.04	0.1	0.02	1.3	<0.1	<0.05	5	<0.5	<0.2
1067655	Soil	11	29	0.69	193	0.037	1	1.59	0.016	0.06	0.2	0.06	2.5	<0.1	0.06	4	0.8	<0.2
1067670	Soil	20	31	0.72	419	0.041	<1	1.72	0.011	0.14	0.2	0.03	5.7	0.1	<0.05	5	<0.5	<0.2
1067668	Soil	15	33	1.65	944	0.007	1	1.96	0.010	0.10	0.3	0.09	7.0	<0.1	<0.05	6	0.7	<0.2
1067652	Soil	9	15	0.11	126	0.029	2	1.25	0.019	0.03	<0.1	0.04	1.6	<0.1	0.07	3	<0.5	<0.2
1067653	Soil	15	38	0.64	258	0.056	2	2.64	0.018	0.06	0.2	0.04	5.0	<0.1	<0.05	6	0.6	<0.2
1067660	Soil	11	59	0.50	129	0.065	1	1.32	0.011	0.04	0.2	<0.01	2.4	<0.1	<0.05	9	<0.5	<0.2
1067662	Soil	47	9	0.60	364	0.002	<1	1.35	0.003	0.13	<0.1	0.01	2.8	<0.1	<0.05	3	0.6	<0.2
1067659	Soil	30	229	1.92	2121	0.021	1	2.93	0.012	0.10	0.5	0.02	8.2	<0.1	<0.05	8	<0.5	<0.2
1067661	Soil	35	28	0.62	202	0.005	<1	1.95	0.002	0.13	0.1	<0.01	3.3	0.1	<0.05	4	<0.5	<0.2
1067671	Soil	20	32	0.37	212	0.017	<1	1.75	0.008	0.09	0.2	0.02	3.0	0.2	<0.05	6	<0.5	<0.2
1067667	Soil	11	17	0.86	183	0.011	<1	2.37	0.006	0.08	<0.1	0.02	4.6	<0.1	<0.05	8	<0.5	<0.2
1067559	Soil	12	31	1.20	203	0.059	1	2.61	0.010	0.09	<0.1	0.02	3.9	<0.1	<0.05	6	0.8	<0.2
1067562	Soil	6	18	0.71	118	0.008	<1	2.23	0.004	0.07	<0.1	0.01	2.6	<0.1	<0.05	5	<0.5	<0.2
1067552	Soil	14	29	1.44	242	0.031	1	2.43	0.012	0.10	0.2	0.04	4.8	0.1	<0.05	7	0.6	<0.2
1067558	Soil	15	33	1.19	448	0.057	1	1.85	0.017	0.07	0.1	0.05	4.8	<0.1	<0.05	6	<0.5	<0.2
1067554	Soil	13	22	1.44	336	0.026	<1	2.66	0.007	0.07	0.2	0.02	2.8	<0.1	<0.05	6	<0.5	<0.2
1067557	Soil	13	39	0.87	734	0.048	1	2.01	0.014	0.07	0.2	0.05	3.9	<0.1	<0.05	6	0.6	<0.2

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1067561	Soil	2.6	79.3	11.7	57	<0.1	26.6	14.5	673	3.16	7.5	0.8	5.3	3.2	10	0.1	0.5	0.1	40	0.10	0.026
1067551	Soil	0.7	24.5	10.6	65	0.1	28.9	11.1	496	2.58	10.0	0.7	4.2	2.9	63	0.5	0.5	0.3	56	4.24	0.082
1067560	Soil	1.0	48.7	10.1	71	0.3	22.1	11.9	554	3.47	8.2	0.6	20.2	2.9	23	0.1	0.6	0.2	88	0.31	0.066
1067563	Soil	0.7	114.6	7.4	83	0.6	23.0	21.6	981	4.25	4.5	0.6	14.1	2.6	37	<0.1	0.3	0.1	132	0.68	0.111
1199325	Soil	1.0	12.8	24.3	60	<0.1	13.0	10.7	337	3.69	11.7	1.4	0.8	21.2	284	0.2	0.5	0.5	74	0.67	0.086
1199316	Soil	1.0	23.2	19.2	53	<0.1	19.7	9.5	328	3.17	9.2	1.8	7.1	19.0	118	0.1	0.5	0.3	60	0.44	0.056
1199317	Soil	0.9	37.5	62.1	45	<0.1	6.4	9.0	467	4.17	6.2	1.9	0.6	36.1	234	<0.1	0.4	2.6	71	0.60	0.178
1199318	Soil	2.1	44.4	23.5	71	0.2	16.2	8.6	565	3.84	12.8	4.2	1.4	38.7	257	0.6	0.3	0.4	76	0.84	0.162
1199315	Soil	1.2	26.2	24.4	80	0.1	21.8	11.9	572	3.39	16.9	3.1	5.4	19.9	81	0.3	0.6	0.3	67	0.38	0.051
1199319	Soil	6.1	44.3	29.1	65	<0.1	13.1	16.2	815	5.22	8.2	2.8	2.0	45.0	121	0.3	0.4	0.5	101	0.77	0.219
1199320	Soil	1.2	14.6	18.4	36	0.1	7.2	8.3	390	3.16	5.3	1.8	1.0	47.4	154	0.1	0.3	0.8	64	1.27	0.143
1199321	Soil	0.6	10.7	15.9	35	0.1	6.1	4.3	287	1.82	6.1	4.4	1.7	19.9	338	0.1	0.3	0.5	38	2.44	0.117
1199313	Soil	4.4	49.1	26.7	62	0.3	16.5	8.3	429	2.69	85.3	18.4	3.7	9.5	76	0.1	0.6	1.0	60	0.38	0.074
1199322	Soil	0.4	8.6	19.4	45	<0.1	5.8	6.1	408	2.33	3.6	2.0	0.8	33.5	339	<0.1	0.2	0.2	55	1.49	0.149
1199323	Soil	1.4	10.9	18.6	44	<0.1	14.2	6.8	246	2.94	7.9	0.7	1.8	7.0	27	0.2	0.4	0.3	67	0.14	0.061
1199324	Soil	0.3	9.3	21.0	39	<0.1	3.2	5.3	367	2.37	3.8	1.9	<0.5	35.1	174	<0.1	0.3	0.2	53	1.20	0.153
1199314	Soil	2.1	24.8	29.6	62	0.1	19.1	9.1	256	2.95	37.6	1.5	1.8	8.2	59	0.2	0.5	2.1	66	0.26	0.024
1069607	Soil	1.0	27.6	11.6	68	<0.1	23.9	12.2	476	2.79	6.6	0.4	1.3	3.6	10	0.1	0.4	0.2	60	0.10	0.019
1069608	Soil	0.7	7.8	6.7	39	<0.1	6.7	4.3	229	1.29	1.0	0.2	1.4	0.4	7	<0.1	0.1	0.1	28	0.07	0.025
1069609	Soil	0.6	19.4	11.2	56	<0.1	17.0	8.6	415	2.06	4.4	0.6	3.9	1.7	19	0.1	0.2	0.2	46	0.37	0.048
1069603	Soil	1.0	27.9	7.9	51	0.1	20.7	12.0	336	3.21	5.7	0.4	2.5	1.9	17	0.2	0.3	0.2	91	0.19	0.032
1069602	Soil	0.7	29.6	6.6	56	<0.1	30.3	15.7	446	3.00	4.8	0.4	2.9	1.4	28	0.2	0.3	0.1	91	0.29	0.058
1069618	Soil	0.7	17.0	6.2	59	<0.1	12.7	16.6	503	4.01	1.7	0.6	1.0	4.9	17	<0.1	0.3	0.4	113	0.28	0.060
1069615	Soil	1.5	8.7	9.9	38	<0.1	5.9	3.2	159	1.46	3.7	0.7	1.3	7.3	10	<0.1	0.4	0.3	48	0.14	0.014
1069617	Soil	1.8	12.7	11.8	55	0.2	13.6	6.8	377	2.34	6.6	0.6	0.6	4.1	12	0.1	0.4	0.4	65	0.11	0.020
1069624	Soil	1.3	13.2	9.8	45	0.1	18.5	8.2	284	2.38	5.9	0.8	6.7	5.1	20	<0.1	0.4	0.2	50	0.29	0.040
1069622	Soil	1.6	10.0	10.0	42	<0.1	16.4	6.6	252	2.31	7.5	0.6	10.1	3.1	11	<0.1	0.5	0.2	46	0.10	0.027
1069623	Soil	1.3	10.7	8.9	45	<0.1	15.4	6.4	223	2.05	3.9	0.8	5.1	4.0	19	<0.1	0.5	0.2	37	0.26	0.038
1069601	Soil	0.7	33.6	6.3	64	<0.1	30.0	16.5	462	3.03	4.4	0.4	2.0	2.1	35	<0.1	0.3	<0.1	86	0.47	0.089
1069613	Soil	0.8	28.8	8.6	75	0.1	21.8	10.8	457	2.25	4.4	0.7	3.8	2.8	23	0.2	0.4	0.1	49	1.16	0.056

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

Project: CHA
Report Date: July 10, 2011

CERTIFICATE OF ANALYSIS WHI11000326.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1067561	Soil	6	27	0.67	132	0.012	<1	2.32	0.006	0.08	<0.1	0.02	2.7	<0.1	<0.05	5	1.0	<0.2
1067551	Soil	13	29	0.70	188	0.059	2	1.49	0.020	0.06	0.3	0.04	2.9	<0.1	<0.05	4	0.7	<0.2
1067560	Soil	13	29	0.86	208	0.059	1	2.44	0.010	0.07	0.1	0.03	4.0	<0.1	<0.05	7	<0.5	<0.2
1067563	Soil	18	29	2.50	167	0.063	<1	3.41	0.011	0.17	0.1	0.05	6.8	<0.1	<0.05	9	0.7	<0.2
1199325	Soil	16	19	0.71	331	0.123	<1	3.73	0.027	0.17	0.2	0.02	2.3	0.3	<0.05	10	<0.5	<0.2
1199316	Soil	27	31	0.61	187	0.063	<1	2.76	0.017	0.06	0.3	0.03	3.9	0.2	<0.05	8	<0.5	<0.2
1199317	Soil	36	11	1.03	117	0.026	<1	2.92	0.010	0.19	1.2	<0.01	4.8	0.7	<0.05	12	<0.5	<0.2
1199318	Soil	38	28	0.82	203	0.083	<1	2.75	0.017	0.17	0.3	<0.01	5.0	0.4	<0.05	11	<0.5	<0.2
1199315	Soil	23	35	0.67	220	0.081	<1	2.65	0.017	0.06	0.3	0.05	5.5	0.1	<0.05	7	<0.5	<0.2
1199319	Soil	36	22	1.26	132	0.110	<1	2.95	0.014	0.28	0.6	<0.01	7.1	0.4	<0.05	14	<0.5	<0.2
1199320	Soil	21	14	0.75	99	0.071	<1	3.60	0.015	0.27	1.9	0.01	4.2	0.5	<0.05	11	<0.5	<0.2
1199321	Soil	24	11	0.41	116	0.012	<1	3.58	0.038	0.18	<0.1	<0.01	2.2	0.3	<0.05	10	<0.5	<0.2
1199313	Soil	19	29	0.53	181	0.030	<1	1.67	0.012	0.04	1.0	0.03	3.6	0.1	<0.05	5	0.6	<0.2
1199322	Soil	29	19	0.47	122	0.039	<1	2.80	0.021	0.14	<0.1	<0.01	1.9	0.2	<0.05	8	<0.5	<0.2
1199323	Soil	11	23	0.35	143	0.061	1	1.94	0.008	0.05	0.1	0.03	1.9	0.1	<0.05	8	<0.5	<0.2
1199324	Soil	39	8	0.43	114	0.026	<1	2.15	0.076	0.08	0.1	<0.01	1.9	0.3	<0.05	6	<0.5	<0.2
1199314	Soil	11	31	0.53	146	0.048	<1	2.12	0.009	0.04	0.4	0.02	2.9	0.1	<0.05	6	<0.5	<0.2
1069607	Soil	10	31	1.31	201	0.040	1	2.75	0.006	0.09	<0.1	0.02	3.1	0.1	<0.05	6	<0.5	0.3
1069608	Soil	4	11	0.70	76	0.027	<1	1.14	0.008	0.07	<0.1	0.02	0.8	<0.1	<0.05	5	<0.5	<0.2
1069609	Soil	14	24	0.74	338	0.022	<1	1.68	0.012	0.06	0.1	0.03	2.5	<0.1	<0.05	5	<0.5	<0.2
1069603	Soil	7	33	0.97	165	0.058	<1	2.14	0.007	0.07	0.1	0.02	3.1	<0.1	<0.05	7	<0.5	<0.2
1069602	Soil	8	51	1.21	162	0.077	<1	2.09	0.007	0.09	0.1	0.01	3.3	<0.1	<0.05	6	<0.5	<0.2
1069618	Soil	17	26	1.64	357	0.062	<1	2.67	0.007	0.20	0.1	0.01	9.7	0.2	<0.05	10	<0.5	<0.2
1069615	Soil	23	11	0.23	95	0.049	<1	0.84	0.005	0.09	0.1	<0.01	1.1	0.1	<0.05	5	<0.5	<0.2
1069617	Soil	15	22	0.37	143	0.050	<1	1.26	0.007	0.08	0.2	<0.01	1.8	<0.1	<0.05	6	<0.5	<0.2
1069624	Soil	15	28	0.51	268	0.026	1	1.57	0.009	0.06	0.1	0.02	2.9	<0.1	<0.05	5	<0.5	<0.2
1069622	Soil	11	25	0.29	110	0.027	1	1.22	0.010	0.07	<0.1	0.02	1.7	<0.1	<0.05	5	<0.5	<0.2
1069623	Soil	15	21	0.39	325	0.017	<1	1.26	0.010	0.07	<0.1	0.01	2.0	<0.1	<0.05	4	<0.5	<0.2
1069601	Soil	9	46	1.45	239	0.083	<1	2.05	0.011	0.13	0.1	0.02	3.7	<0.1	<0.05	5	<0.5	<0.2
1069613	Soil	14	31	1.19	494	0.038	2	1.57	0.012	0.06	0.1	0.05	4.2	<0.1	<0.05	5	<0.5	<0.2

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

Project: CHA
Report Date: July 10, 2011

CERTIFICATE OF ANALYSIS WHI11000326.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1069605	Soil	0.7	6.3	8.4	47	<0.1	16.2	15.7	819	2.82	9.5	0.3	0.9	2.1	6	<0.1	0.2	0.1	59	0.08	0.024
1069612	Soil	0.7	25.5	7.8	66	0.1	20.1	10.0	686	2.23	4.4	1.0	6.6	2.4	22	0.3	0.3	0.1	51	0.93	0.058
1069616	Soil	0.7	13.6	7.4	31	0.1	8.9	6.5	420	1.23	1.8	0.7	2.0	0.7	57	0.1	0.3	0.1	24	1.62	0.056
1069611	Soil	0.8	18.2	9.6	69	<0.1	15.5	11.5	473	2.39	4.6	0.5	2.3	3.5	14	0.1	0.2	0.1	60	0.31	0.043
1069606	Soil	2.2	29.0	9.9	70	0.1	27.6	12.7	768	3.06	7.4	0.8	3.3	3.4	19	0.2	0.4	0.2	65	0.33	0.046
1069604	Soil	0.9	23.9	12.7	52	<0.1	23.2	10.9	387	2.77	7.3	0.8	0.8	2.7	18	<0.1	0.3	0.2	65	0.23	0.039
1069621	Soil	1.3	10.0	11.3	35	0.1	11.7	5.1	226	1.89	4.2	0.6	5.3	0.6	13	<0.1	0.3	0.2	36	0.13	0.044
1069619	Soil	1.0	25.5	11.0	58	<0.1	28.3	15.3	425	3.63	7.1	0.6	1.6	5.6	17	0.2	0.4	0.3	80	0.19	0.043
1069610	Soil	0.8	13.9	11.1	50	<0.1	16.7	9.3	292	2.36	5.1	0.4	2.4	2.7	14	<0.1	0.3	0.1	57	0.20	0.033
1069614	Soil	0.5	17.3	9.2	66	<0.1	16.6	12.2	508	2.46	4.1	0.8	2.9	2.7	26	<0.1	0.3	0.1	53	0.76	0.051
1069620	Soil	0.8	25.5	14.3	67	<0.1	24.8	10.4	485	2.82	6.3	1.9	3.2	5.9	22	<0.1	0.4	0.2	55	0.28	0.053
1069625	Soil	1.1	12.9	9.4	76	<0.1	18.0	8.8	442	3.01	5.5	0.5	4.7	3.4	17	0.2	0.4	0.2	49	0.22	0.042
1069629	Soil	0.9	19.3	8.3	39	0.3	9.3	8.5	301	2.41	2.8	0.3	2.0	1.3	12	0.2	0.4	0.1	54	0.16	0.049
1069628	Soil	2.0	14.9	9.8	61	0.2	12.4	8.5	541	2.63	7.6	0.5	1.6	2.6	21	0.3	0.5	0.2	56	0.22	0.035
1069630	Soil	1.4	16.3	12.7	53	<0.1	17.8	9.5	380	2.81	6.3	0.6	1.0	3.5	25	<0.1	0.4	0.1	54	0.37	0.041
1069626	Soil	1.4	11.3	12.9	34	0.1	11.3	4.2	183	1.65	4.5	0.7	4.6	2.1	17	0.1	0.4	0.2	33	0.17	0.029
1069627	Soil	1.1	10.5	13.9	57	<0.1	14.5	6.6	352	2.19	4.4	0.5	6.8	3.0	16	0.1	0.4	0.1	37	0.18	0.034
1198619	Soil	1.0	32.9	14.2	56	<0.1	20.8	12.8	411	3.45	5.7	1.2	15.1	4.3	61	0.2	0.4	0.2	137	0.33	0.094
1198623	Soil	1.7	21.5	15.0	58	0.1	18.4	9.1	400	3.11	8.2	0.7	4.2	1.8	15	0.6	0.5	0.2	86	0.09	0.051
1198615	Soil	0.5	47.0	15.7	47	0.2	20.1	7.3	131	2.27	6.1	2.9	7.4	3.3	47	0.2	0.5	0.2	79	0.31	0.080
1198612	Soil	1.5	21.2	15.7	54	<0.1	22.0	9.2	292	2.92	9.9	0.6	3.8	2.9	39	0.1	0.7	0.2	69	0.16	0.030
1198626	Soil	1.4	23.5	15.3	56	0.2	17.3	9.1	281	2.99	7.3	1.1	3.5	2.8	16	0.3	0.4	0.2	79	0.10	0.036
1198616	Soil	1.0	34.3	13.0	58	<0.1	25.6	14.1	424	3.08	6.5	0.6	10.2	3.9	73	0.2	0.4	0.3	88	0.36	0.091
1198614	Soil	0.6	63.7	10.5	57	<0.1	30.4	14.9	423	3.53	2.8	0.8	8.4	6.0	80	0.1	0.3	0.2	135	0.82	0.175
1198613	Soil	0.6	52.7	18.2	76	<0.1	52.2	14.4	307	3.46	9.9	0.9	12.4	3.9	74	0.2	0.5	0.3	76	0.55	0.123
1198627	Soil	1.9	25.2	20.4	58	0.2	19.7	9.4	392	2.85	7.2	1.1	3.8	1.5	54	0.5	0.4	0.2	75	0.27	0.085
1198622	Soil	1.1	39.2	12.2	56	<0.1	25.4	12.5	370	3.10	8.3	1.1	10.1	4.2	22	0.2	0.4	<0.1	116	0.26	0.092
1198621	Soil	1.1	22.6	12.3	47	<0.1	22.6	9.9	273	3.26	9.7	0.7	11.2	4.2	20	0.2	0.5	0.1	92	0.16	0.048
1198624	Soil	1.6	19.4	14.6	47	<0.1	19.2	9.3	272	3.43	8.5	0.6	10.9	3.3	66	0.2	0.5	0.2	123	0.33	0.059
1198625	Soil	1.6	16.3	16.4	48	0.2	15.3	7.9	303	3.37	7.1	0.4	3.1	1.7	15	0.6	0.4	0.2	97	0.10	0.049

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1069605	Soil	10	24	2.26	91	0.075	1	2.59	0.005	0.12	<0.1	0.01	4.6	<0.1	<0.05	7	<0.5	<0.2
1069612	Soil	16	28	0.92	657	0.034	<1	1.80	0.011	0.06	0.1	0.07	4.1	<0.1	<0.05	5	0.5	<0.2
1069616	Soil	7	14	0.32	601	0.013	2	0.94	0.012	0.03	<0.1	0.06	1.3	<0.1	0.11	3	0.5	<0.2
1069611	Soil	17	26	1.12	402	0.036	<1	1.88	0.006	0.06	0.1	0.02	4.5	<0.1	<0.05	6	<0.5	<0.2
1069606	Soil	16	36	0.85	440	0.051	1	2.15	0.011	0.10	0.1	0.02	4.3	<0.1	<0.05	6	<0.5	<0.2
1069604	Soil	12	33	0.76	221	0.047	1	2.25	0.008	0.06	0.1	0.03	3.2	0.1	<0.05	6	<0.5	<0.2
1069621	Soil	9	20	0.22	176	0.015	<1	1.24	0.011	0.05	0.1	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
1069619	Soil	15	45	1.13	317	0.070	1	2.49	0.009	0.13	0.1	0.02	5.4	<0.1	<0.05	7	<0.5	<0.2
1069610	Soil	13	26	0.74	403	0.037	<1	1.71	0.007	0.05	<0.1	0.02	2.8	<0.1	<0.05	6	<0.5	<0.2
1069614	Soil	12	25	0.87	629	0.025	<1	1.63	0.009	0.05	0.1	0.04	3.8	<0.1	<0.05	5	<0.5	<0.2
1069620	Soil	22	32	0.63	496	0.047	<1	1.74	0.010	0.07	0.1	0.04	4.3	<0.1	<0.05	5	<0.5	<0.2
1069625	Soil	12	26	0.61	269	0.029	1	1.86	0.008	0.08	0.2	0.02	2.8	<0.1	<0.05	6	<0.5	<0.2
1069629	Soil	7	12	0.42	147	0.020	<1	1.06	0.011	0.07	0.1	0.03	2.5	<0.1	<0.05	4	<0.5	<0.2
1069628	Soil	10	22	0.41	279	0.016	<1	1.46	0.008	0.08	0.1	0.03	2.3	<0.1	<0.05	5	<0.5	<0.2
1069630	Soil	14	25	0.57	370	0.024	<1	1.68	0.009	0.08	0.2	0.02	2.8	<0.1	<0.05	5	<0.5	<0.2
1069626	Soil	11	21	0.23	195	0.019	<1	1.08	0.014	0.06	0.1	0.01	1.5	<0.1	0.06	4	<0.5	<0.2
1069627	Soil	11	21	0.44	244	0.020	<1	1.40	0.010	0.07	0.2	<0.01	1.9	<0.1	<0.05	5	<0.5	<0.2
1198619	Soil	12	53	0.71	192	0.126	<1	1.87	0.018	0.12	0.3	0.02	2.3	<0.1	<0.05	6	<0.5	<0.2
1198623	Soil	8	33	0.45	175	0.056	<1	1.91	0.010	0.04	0.2	0.03	1.9	<0.1	<0.05	7	<0.5	<0.2
1198615	Soil	15	43	0.54	208	0.062	2	1.97	0.014	0.07	0.2	0.09	4.1	<0.1	0.10	6	<0.5	<0.2
1198612	Soil	10	31	0.50	142	0.080	1	1.62	0.012	0.06	0.3	0.04	2.1	<0.1	<0.05	6	<0.5	<0.2
1198626	Soil	11	32	0.49	153	0.080	<1	1.90	0.013	0.05	0.2	0.03	2.5	<0.1	<0.05	7	<0.5	<0.2
1198616	Soil	11	43	0.82	170	0.091	1	2.31	0.017	0.14	0.2	<0.01	2.9	<0.1	<0.05	6	<0.5	<0.2
1198614	Soil	21	75	1.44	185	0.150	1	2.13	0.018	0.30	0.1	0.02	5.2	<0.1	<0.05	7	<0.5	<0.2
1198613	Soil	13	130	1.26	254	0.135	1	2.39	0.026	0.32	0.4	0.03	3.5	0.2	<0.05	7	<0.5	<0.2
1198627	Soil	10	30	0.59	163	0.064	1	1.84	0.014	0.12	0.2	0.06	1.8	<0.1	<0.05	7	<0.5	<0.2
1198622	Soil	14	43	0.71	170	0.129	2	1.98	0.014	0.08	0.3	0.05	2.4	<0.1	<0.05	6	<0.5	<0.2
1198621	Soil	10	40	0.59	159	0.095	1	2.93	0.011	0.06	0.3	0.06	2.8	<0.1	<0.05	6	0.7	<0.2
1198624	Soil	10	46	0.55	199	0.105	<1	1.84	0.015	0.08	0.3	0.02	2.0	<0.1	0.05	8	<0.5	<0.2
1198625	Soil	7	35	0.38	169	0.070	<1	1.55	0.010	0.06	0.2	0.07	1.6	<0.1	<0.05	9	<0.5	<0.2

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

Project: CHA
Report Date: July 10, 2011

CERTIFICATE OF ANALYSIS WHI11000326.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1198628	Soil	1.5	15.5	18.5	32	0.1	11.9	4.8	186	1.79	3.2	0.6	3.8	1.7	29	0.3	0.3	0.2	58	0.15	0.043
1198629	Soil	1.2	18.7	13.5	30	0.2	10.5	4.4	123	1.57	1.9	0.8	2.7	1.3	18	0.4	0.3	0.2	45	0.10	0.030
1198620	Soil	1.2	18.7	13.8	41	<0.1	11.3	5.5	185	2.00	4.0	0.8	1.2	1.1	25	0.2	0.3	0.2	53	0.12	0.059
1198631	Soil	2.1	15.3	16.0	47	0.1	15.9	8.3	223	2.91	6.4	0.4	2.3	1.7	28	0.4	0.4	0.2	88	0.16	0.028
1198618	Soil	0.6	36.3	13.1	55	<0.1	21.9	14.9	456	3.65	3.5	0.7	8.0	3.4	209	<0.1	0.2	<0.1	123	0.76	0.132
1198632	Soil	1.1	16.5	14.6	64	<0.1	18.7	10.8	603	3.04	5.6	0.4	2.4	1.3	25	0.3	0.4	0.1	85	0.22	0.059
1198630	Soil	1.7	27.1	17.8	51	0.1	17.1	8.6	310	2.39	5.1	1.6	4.3	2.9	60	0.2	0.3	0.2	72	0.32	0.047
1198604	Soil	1.9	21.3	11.0	43	0.1	12.6	6.4	255	2.15	4.0	0.5	19.8	0.6	35	0.2	0.3	0.2	77	0.16	0.063
1198603	Soil	1.5	49.3	19.0	60	<0.1	23.7	13.4	457	2.96	7.0	1.1	13.1	3.1	109	0.2	0.4	0.2	94	0.37	0.085
1198608	Soil	1.8	42.5	24.8	80	<0.1	23.4	16.7	708	4.03	5.8	1.3	19.4	6.4	74	0.3	0.5	0.2	109	0.45	0.078
1198605	Soil	2.3	38.0	21.9	48	0.1	17.3	9.7	269	2.87	6.2	0.9	14.2	2.5	88	0.2	0.4	0.2	86	0.38	0.072
1198607	Soil	1.5	93.4	18.0	54	0.1	30.6	21.4	364	4.03	3.6	1.0	5.0	4.5	146	0.3	0.3	<0.1	149	0.66	0.119
1198610	Soil	3.0	119.7	38.8	80	0.1	27.2	33.2	1269	4.74	9.9	2.0	20.3	4.2	169	0.3	0.7	0.3	99	0.53	0.110
1198609	Soil	2.0	30.3	28.9	68	0.1	19.3	9.2	396	3.71	8.3	0.7	30.7	2.6	81	0.4	0.5	0.7	100	0.36	0.055
1198606	Soil	1.5	42.6	17.9	56	0.1	24.0	12.9	403	3.25	5.9	1.1	15.6	5.6	119	0.2	0.4	0.2	101	0.46	0.095
1198611	Soil	1.8	73.3	24.4	76	<0.1	29.9	12.9	559	3.28	8.0	1.0	14.5	4.8	143	0.2	0.5	0.2	87	0.45	0.088
1198602	Soil	1.2	49.6	16.9	62	0.2	23.5	13.6	258	2.60	5.2	1.3	11.3	4.3	73	0.2	0.4	0.1	90	0.39	0.101
1198601	Soil	1.8	80.7	38.7	77	0.2	25.5	31.5	686	6.33	5.5	0.9	10.8	3.2	69	0.4	0.5	0.5	210	0.56	0.064
1068073	Soil	1.1	41.9	100.3	80	0.7	11.9	5.8	239	2.72	43.5	6.4	4.9	18.0	46	0.4	0.8	1.0	74	0.40	0.104
1068074	Soil	1.9	81.7	841.1	233	3.0	14.5	8.7	348	3.29	359.4	3.7	5.5	19.3	67	1.1	2.7	5.2	63	0.42	0.096
1198617	Soil	1.5	19.4	11.3	34	0.1	10.6	3.7	126	2.38	3.9	0.6	<0.5	0.4	22	0.2	0.4	0.2	89	0.13	0.066
1068079	Soil	1.4	90.9	272.3	127	8.8	14.3	6.3	286	2.61	137.7	3.0	3.9	14.0	72	0.9	19.8	0.6	48	0.33	0.089
1068076	Soil	1.9	89.5	169.6	152	1.3	15.5	8.3	320	2.88	152.7	6.4	6.3	18.8	85	0.7	0.9	2.8	54	0.42	0.092
1068082	Soil	3.7	58.9	219.1	368	1.8	17.9	6.8	415	2.60	64.9	3.9	4.6	7.9	25	2.4	1.6	2.8	47	0.22	0.069
1068078	Soil	1.2	27.9	204.3	208	1.1	13.6	8.7	461	3.24	260.0	2.1	8.8	17.1	56	0.6	2.1	2.0	54	0.26	0.090
1068071	Soil	1.3	32.2	184.1	227	0.9	11.6	5.7	416	2.78	99.5	4.6	4.0	22.7	80	0.7	1.3	1.3	50	0.53	0.119
1068085	Soil	2.2	48.4	135.6	142	0.9	15.6	8.1	412	2.64	122.0	7.3	3.5	9.6	43	0.8	0.8	3.5	53	0.32	0.077
1068094	Soil	0.8	30.7	42.9	104	0.3	23.1	8.8	258	2.79	24.1	1.4	5.5	4.8	36	0.4	0.6	0.5	72	0.40	0.091
1068072	Soil	1.2	27.5	78.9	134	0.8	10.1	5.6	330	2.84	46.8	4.4	3.1	30.3	54	0.5	0.8	0.7	55	0.47	0.123
1068081	Soil	3.3	106.1	112.1	235	5.2	18.2	7.3	398	2.57	260.5	4.6	7.5	10.7	49	1.7	23.5	1.3	46	0.30	0.085

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Vancouver BC Canada

Project: CHA
Report Date: July 10, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1198628	Soil	8	25	0.34	138	0.079	<1	1.00	0.014	0.07	0.2	0.03	1.2	<0.1	<0.05	6	0.6	<0.2
1198629	Soil	10	21	0.28	148	0.063	<1	1.00	0.015	0.06	0.2	0.03	1.3	<0.1	<0.05	5	<0.5	<0.2
1198620	Soil	6	20	0.35	133	0.067	<1	1.24	0.016	0.05	0.1	0.04	1.6	0.1	<0.05	6	<0.5	<0.2
1198631	Soil	8	29	0.51	132	0.081	<1	1.75	0.012	0.05	0.2	0.03	1.8	<0.1	<0.05	7	<0.5	<0.2
1198618	Soil	17	56	1.32	245	0.119	<1	3.40	0.028	0.23	<0.1	0.03	5.4	<0.1	<0.05	8	<0.5	<0.2
1198632	Soil	8	28	0.54	250	0.086	<1	2.19	0.013	0.09	0.1	0.04	1.7	<0.1	<0.05	7	<0.5	<0.2
1198630	Soil	11	27	0.64	174	0.104	<1	1.77	0.017	0.09	0.2	0.03	2.2	<0.1	<0.05	7	<0.5	<0.2
1198604	Soil	6	32	0.25	110	0.055	<1	1.02	0.015	0.05	0.2	0.07	1.2	<0.1	0.06	5	<0.5	<0.2
1198603	Soil	13	47	0.59	304	0.071	1	2.31	0.028	0.06	0.2	0.05	2.9	<0.1	<0.05	6	<0.5	<0.2
1198608	Soil	18	35	0.91	165	0.123	<1	2.32	0.024	0.16	0.2	0.04	4.2	<0.1	<0.05	7	<0.5	<0.2
1198605	Soil	11	37	0.59	132	0.071	<1	1.69	0.013	0.10	0.2	0.06	2.5	<0.1	0.06	6	0.6	<0.2
1198607	Soil	17	74	1.15	84	0.133	<1	2.48	0.030	0.25	0.2	0.05	2.3	<0.1	<0.05	8	<0.5	<0.2
1198610	Soil	16	34	1.21	242	0.110	<1	3.40	0.034	0.22	0.3	0.09	4.0	0.2	0.08	9	0.7	<0.2
1198609	Soil	11	42	0.62	276	0.137	<1	1.88	0.029	0.12	0.3	0.06	2.2	<0.1	<0.05	8	0.5	<0.2
1198606	Soil	21	38	0.71	178	0.088	<1	2.21	0.029	0.10	0.3	0.04	2.9	<0.1	<0.05	6	<0.5	<0.2
1198611	Soil	15	37	0.86	268	0.141	<1	2.20	0.021	0.16	0.3	0.06	2.4	0.1	<0.05	7	<0.5	<0.2
1198602	Soil	17	47	0.64	285	0.076	<1	2.03	0.020	0.08	0.2	0.04	3.3	<0.1	<0.05	6	0.6	<0.2
1198601	Soil	10	40	1.29	227	0.091	<1	3.04	0.018	0.45	<0.1	0.03	17.0	0.4	<0.05	10	1.0	<0.2
1068073	Soil	25	25	0.47	157	0.041	<1	2.01	0.011	0.05	0.1	0.09	3.8	0.2	<0.05	7	<0.5	<0.2
1068074	Soil	25	24	0.63	204	0.052	<1	2.24	0.011	0.08	0.1	0.04	3.5	0.1	<0.05	8	<0.5	<0.2
1198617	Soil	6	38	0.20	90	0.037	<1	1.31	0.010	0.03	0.2	0.09	1.4	<0.1	<0.05	6	0.8	<0.2
1068079	Soil	21	24	0.49	160	0.045	<1	1.70	0.009	0.07	0.2	0.03	3.5	0.1	<0.05	5	<0.5	<0.2
1068076	Soil	23	26	0.57	196	0.051	<1	1.76	0.011	0.06	0.2	0.04	4.6	0.2	<0.05	6	<0.5	<0.2
1068082	Soil	17	25	0.45	154	0.034	1	1.75	0.006	0.06	0.3	0.07	3.4	0.2	<0.05	5	<0.5	<0.2
1068078	Soil	18	23	0.52	136	0.033	<1	2.12	0.007	0.05	0.2	0.05	3.0	0.2	<0.05	6	<0.5	<0.2
1068071	Soil	24	18	0.63	175	0.028	<1	1.79	0.010	0.06	0.1	0.03	3.5	0.2	<0.05	6	0.5	<0.2
1068085	Soil	15	23	0.43	147	0.051	<1	1.49	0.009	0.05	0.9	0.03	2.4	0.1	<0.05	5	<0.5	<0.2
1068094	Soil	14	39	0.70	244	0.099	<1	1.66	0.010	0.10	0.2	0.04	4.2	0.1	<0.05	6	<0.5	<0.2
1068072	Soil	26	19	0.54	116	0.024	<1	1.62	0.008	0.06	0.1	0.03	3.5	0.1	<0.05	6	<0.5	<0.2
1068081	Soil	18	25	0.49	150	0.049	1	1.84	0.009	0.07	0.3	0.05	3.3	0.2	<0.05	5	<0.5	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1068084	Soil	1.9	104.1	248.9	161	1.2	17.2	8.5	409	2.68	256.4	2.9	3.9	5.6	37	1.2	1.1	5.7	51	0.23	0.077
1068091	Soil	1.7	39.1	127.8	159	0.4	22.1	13.4	583	3.47	84.2	1.4	4.8	6.9	41	0.5	0.7	1.7	89	0.32	0.082
1068080	Soil	3.2	104.1	121.1	237	4.9	19.2	7.5	397	2.64	250.0	4.8	7.1	11.0	51	1.7	20.5	1.4	45	0.31	0.084
1068083	Soil	2.5	46.0	197.0	118	1.2	14.4	6.5	260	2.41	224.2	1.8	6.4	7.6	34	0.6	1.7	2.7	50	0.23	0.068
1068086	Soil	4.0	27.5	64.1	84	0.6	18.3	7.2	402	2.68	28.9	2.7	1.4	9.7	61	0.4	0.6	1.2	54	0.37	0.083
1068095	Soil	0.7	16.3	23.5	67	0.1	15.9	10.5	367	2.91	24.6	0.7	2.9	2.5	58	0.2	0.5	0.4	81	0.34	0.058
1068075	Soil	2.5	97.3	248.5	237	1.4	14.5	9.0	432	2.67	194.7	3.6	6.0	11.7	59	1.0	1.3	4.4	47	0.33	0.083
1068087	Soil	1.7	18.1	47.2	59	0.1	18.9	8.6	409	3.02	21.0	1.1	1.3	8.2	50	0.2	0.7	0.5	59	0.20	0.059
1068090	Soil	1.2	29.5	90.9	130	0.1	19.3	8.6	335	3.00	97.4	1.2	4.8	6.0	34	0.7	0.6	1.5	74	0.22	0.064
1068093	Soil	1.7	36.7	82.2	120	0.5	23.5	11.3	388	3.40	48.6	2.0	16.6	6.7	33	0.5	0.9	1.2	102	0.41	0.102
1068088	Soil	0.7	30.5	46.8	99	<0.1	15.8	7.8	403	2.51	15.8	4.4	2.4	12.1	75	0.3	0.5	0.8	53	0.40	0.069
1068089	Soil	1.2	45.9	65.6	88	0.2	23.8	9.8	418	2.96	15.0	3.7	3.3	13.0	54	0.4	0.6	1.8	59	0.29	0.066
1068092	Soil	1.4	31.5	251.1	228	0.9	20.9	10.6	457	3.17	122.6	1.1	9.0	5.7	33	1.1	1.3	2.1	91	0.35	0.090
1068100	Soil	0.6	21.5	18.9	54	<0.1	11.4	7.3	460	2.73	12.5	1.0	5.1	5.8	86	0.2	0.4	0.2	43	0.39	0.032
1068101	Soil	0.9	26.2	15.8	55	<0.1	18.7	8.6	359	2.73	12.5	0.9	3.8	4.8	35	0.2	0.5	0.3	50	0.28	0.030
1068096	Soil	0.6	19.7	18.4	67	0.2	22.9	10.1	272	2.85	15.8	0.9	16.6	3.3	41	0.2	0.5	0.3	71	0.38	0.066
1068169	Soil	1.1	21.2	37.2	78	0.2	14.8	7.5	251	2.33	49.4	1.2	4.6	3.4	20	0.3	0.5	0.8	50	0.15	0.030
1068158	Soil	1.3	16.8	10.0	48	<0.1	17.7	8.2	312	2.57	9.5	0.6	3.9	2.6	18	0.2	0.5	0.2	55	0.16	0.049
1068099	Soil	0.3	5.1	15.4	16	<0.1	3.5	1.4	39	0.86	4.7	0.3	0.9	0.1	9	0.1	0.2	0.2	28	0.07	0.019
1068097	Soil	0.4	12.4	36.1	60	<0.1	10.1	5.9	206	1.71	8.5	0.4	2.1	1.9	41	0.2	0.3	0.3	36	0.39	0.037
1068155	Soil	0.4	30.7	13.8	54	0.1	20.4	11.8	321	2.25	9.2	0.9	24.5	3.7	59	0.2	0.4	0.2	57	0.64	0.050
1068151	Soil	1.0	30.3	9.0	47	0.1	14.3	11.2	267	2.42	7.1	0.6	2.9	3.0	83	<0.1	0.4	0.2	59	0.50	0.053
1068098	Soil	0.6	14.2	44.3	53	<0.1	13.8	6.6	226	2.36	12.3	0.4	2.5	2.4	24	0.2	0.5	0.5	54	0.20	0.025
1068077	Soil	1.2	29.6	38.3	73	0.3	11.3	5.8	593	3.14	20.3	9.0	1.2	26.3	81	0.4	0.9	0.5	53	0.70	0.117
1068152	Soil	0.6	19.4	14.8	65	<0.1	20.8	12.1	515	2.54	8.9	0.4	3.3	2.5	40	0.2	0.4	0.2	58	0.45	0.063
1068156	Soil	0.8	30.6	12.5	51	<0.1	19.5	9.7	353	2.06	7.0	0.8	6.1	2.7	49	<0.1	0.4	0.2	55	0.49	0.063
1068153	Soil	0.3	12.9	10.3	46	<0.1	33.5	8.5	250	1.99	4.9	0.5	0.9	2.1	75	0.2	0.3	0.1	77	0.58	0.050
1068168	Soil	1.2	16.2	16.5	48	0.2	9.1	4.8	299	1.17	8.2	0.7	3.5	0.6	39	0.5	0.3	0.2	19	0.74	0.069
1068171	Soil	0.6	19.9	35.0	61	0.2	12.1	6.1	189	2.01	57.2	0.9	4.4	2.7	19	0.3	0.5	0.4	49	0.20	0.048
1068166	Soil	0.8	20.8	48.3	62	0.2	16.1	7.2	468	1.90	5.1	0.9	0.6	1.7	45	0.3	0.5	0.2	39	1.31	0.065

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

Project: CHA
Report Date: July 10, 2011

CERTIFICATE OF ANALYSIS WHI11000326.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1068084	Soil	12	23	0.42	107	0.045	<1	1.68	0.008	0.05	1.2	0.08	2.1	0.1	<0.05	6	<0.5	<0.2
1068091	Soil	13	38	0.82	128	0.151	<1	1.89	0.009	0.16	0.4	0.04	3.3	0.2	<0.05	6	<0.5	<0.2
1068080	Soil	18	25	0.49	149	0.046	1	1.84	0.009	0.07	0.4	0.04	3.3	0.2	<0.05	5	<0.5	<0.2
1068083	Soil	13	23	0.39	134	0.055	<1	1.51	0.008	0.05	2.6	0.03	2.3	0.2	<0.05	5	0.6	<0.2
1068086	Soil	14	25	0.53	127	0.049	<1	1.48	0.010	0.06	0.4	0.05	2.4	0.1	<0.05	6	<0.5	<0.2
1068095	Soil	8	29	0.73	193	0.136	<1	2.15	0.013	0.14	0.3	0.03	5.3	<0.1	<0.05	7	<0.5	<0.2
1068075	Soil	18	24	0.44	114	0.053	<1	1.54	0.008	0.07	0.4	0.03	3.4	0.1	<0.05	5	<0.5	<0.2
1068087	Soil	12	27	0.43	99	0.065	<1	2.39	0.008	0.06	0.3	0.06	2.4	0.1	<0.05	7	<0.5	<0.2
1068090	Soil	11	33	0.60	117	0.092	1	1.59	0.009	0.07	0.5	0.03	2.4	0.1	<0.05	5	<0.5	<0.2
1068093	Soil	16	41	0.76	197	0.146	<1	1.63	0.010	0.13	0.5	0.04	3.7	0.1	<0.05	6	<0.5	<0.2
1068088	Soil	17	24	0.50	165	0.057	<1	1.78	0.011	0.05	0.5	0.03	3.2	0.1	<0.05	6	<0.5	<0.2
1068089	Soil	19	29	0.56	252	0.058	1	2.08	0.010	0.07	1.1	0.05	4.2	0.1	<0.05	6	<0.5	<0.2
1068092	Soil	13	37	0.78	101	0.152	<1	1.59	0.009	0.16	0.5	0.06	2.6	0.1	<0.05	7	<0.5	<0.2
1068100	Soil	15	20	0.59	511	0.042	<1	2.47	0.010	0.20	0.1	0.03	4.9	0.2	<0.05	7	<0.5	<0.2
1068101	Soil	14	29	0.56	210	0.040	<1	1.98	0.008	0.07	0.1	0.03	4.3	0.1	<0.05	5	<0.5	<0.2
1068096	Soil	11	34	0.88	210	0.113	<1	1.98	0.013	0.12	0.3	0.04	5.7	0.1	<0.05	6	0.7	<0.2
1068169	Soil	13	28	0.44	120	0.048	1	1.96	0.011	0.05	0.2	0.04	2.4	0.1	<0.05	6	<0.5	<0.2
1068158	Soil	8	25	0.39	128	0.053	1	2.32	0.011	0.04	0.2	0.06	2.6	<0.1	<0.05	6	1.0	<0.2
1068099	Soil	4	8	0.09	58	0.022	<1	0.67	0.008	0.02	<0.1	0.03	0.4	<0.1	<0.05	4	<0.5	<0.2
1068097	Soil	6	17	0.51	113	0.030	<1	1.86	0.008	0.07	0.1	0.02	2.6	<0.1	<0.05	5	<0.5	<0.2
1068155	Soil	10	26	0.75	186	0.083	<1	1.94	0.024	0.08	0.2	0.06	4.5	<0.1	<0.05	5	0.8	<0.2
1068151	Soil	8	22	0.71	162	0.080	1	1.71	0.021	0.06	0.1	0.03	4.1	<0.1	<0.05	6	0.6	<0.2
1068098	Soil	8	25	0.44	157	0.036	<1	2.13	0.007	0.05	0.1	0.02	3.0	0.1	<0.05	6	<0.5	<0.2
1068077	Soil	22	17	0.54	180	0.023	<1	1.96	0.019	0.05	0.3	0.03	3.7	0.1	<0.05	7	<0.5	<0.2
1068152	Soil	7	27	0.64	172	0.070	<1	2.30	0.010	0.09	0.2	0.03	3.7	<0.1	<0.05	6	<0.5	<0.2
1068156	Soil	11	25	0.62	196	0.065	2	2.03	0.026	0.06	0.2	0.04	3.2	<0.1	0.06	5	0.5	<0.2
1068153	Soil	7	83	1.05	146	0.156	2	2.31	0.031	0.12	0.1	0.03	3.3	<0.1	<0.05	7	0.7	<0.2
1068168	Soil	7	14	0.24	172	0.029	2	0.97	0.014	0.04	<0.1	0.07	1.4	<0.1	0.07	3	0.7	<0.2
1068171	Soil	10	21	0.40	187	0.040	1	1.34	0.015	0.05	0.2	0.03	2.2	<0.1	<0.05	5	<0.5	<0.2
1068166	Soil	8	21	0.44	227	0.043	2	1.51	0.018	0.05	0.1	0.04	2.3	<0.1	0.09	5	0.7	<0.2

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Project: CHA
Report Date: July 10, 2011

CERTIFICATE OF ANALYSIS WHI11000326.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1068157	Soil	1.7	19.8	13.3	47	<0.1	14.4	7.4	236	2.63	9.3	0.5	4.7	2.5	30	0.2	0.5	0.2	77	0.24	0.023
1068167	Soil	0.9	14.9	47.8	68	0.1	14.3	8.7	412	2.15	19.4	0.8	22.5	4.3	30	0.2	0.4	0.5	45	0.44	0.055
1068160	Soil	1.2	12.7	16.2	31	<0.1	9.8	5.9	374	1.41	4.5	0.8	1.5	0.9	43	0.4	0.3	0.2	36	0.74	0.059
1068172	Soil	1.2	14.5	27.7	64	0.2	15.8	6.8	200	2.05	34.9	1.1	3.4	3.6	21	0.3	0.7	0.6	48	0.23	0.051
1068154	Soil	0.6	21.2	15.5	53	<0.1	19.7	11.7	366	2.28	8.0	0.6	2.3	3.2	76	0.3	0.4	0.1	65	0.51	0.069
1068159	Soil	1.1	18.0	10.4	44	<0.1	16.4	7.8	253	2.21	6.6	0.6	4.8	2.8	32	0.1	0.4	0.2	66	0.26	0.044
1068165	Soil	0.6	19.5	11.5	58	<0.1	18.0	9.2	468	2.17	5.7	0.9	1.3	3.7	36	0.3	0.4	0.2	49	0.84	0.055
1068162	Soil	0.6	18.2	13.1	59	<0.1	17.3	8.6	397	1.88	7.3	2.5	19.2	1.4	48	0.5	0.5	0.2	49	1.66	0.068
1068170	Soil	1.7	15.9	49.0	75	0.2	16.5	18.5	1790	2.71	24.4	0.9	7.3	3.3	30	0.2	0.7	0.2	58	0.43	0.068
1068163	Soil	0.5	16.1	12.8	63	<0.1	16.6	8.5	445	1.79	5.2	1.6	3.4	1.3	51	0.4	0.4	0.2	46	1.79	0.071
1068161	Soil	0.5	19.7	22.1	60	<0.1	18.8	9.2	375	1.98	5.9	1.2	4.9	2.2	55	0.6	0.5	0.2	49	1.78	0.076
1068164	Soil	0.4	16.7	11.0	58	<0.1	17.3	9.0	515	1.92	5.2	1.1	1.1	2.0	43	0.4	0.4	0.2	49	1.15	0.063
1068141	Soil	1.8	33.9	47.9	56	0.3	13.4	7.8	294	2.32	16.4	2.3	4.7	4.6	32	0.2	0.6	1.3	55	0.22	0.069
1068145	Soil	1.3	24.9	20.2	60	<0.1	15.9	10.5	407	2.87	9.4	0.7	2.1	2.0	31	0.2	0.5	0.6	55	0.29	0.048
1068147	Soil	2.0	28.9	29.1	85	0.5	26.8	9.4	468	3.09	10.8	0.5	0.6	2.9	21	0.6	0.5	1.8	78	0.25	0.025
1068146	Soil	1.6	30.8	18.0	59	0.2	22.9	9.7	348	2.98	9.9	0.8	2.9	3.2	35	0.2	0.7	0.6	67	0.37	0.047
1068142	Soil	1.4	32.6	34.3	70	0.3	17.3	9.7	407	3.35	33.2	1.6	1.4	7.6	74	0.2	0.6	2.0	82	0.49	0.099
1068149	Soil	0.7	19.8	11.0	31	<0.1	11.6	8.7	282	2.28	4.4	0.4	0.6	2.3	95	0.2	0.3	0.1	75	0.74	0.046
1068148	Soil	1.2	90.8	46.2	99	0.1	29.8	36.5	934	3.43	18.3	0.7	4.1	3.7	56	0.4	0.6	2.1	72	0.56	0.020
1068150	Soil	0.9	54.2	13.3	54	0.1	22.9	11.5	224	2.34	6.9	0.9	4.2	3.3	48	0.2	0.5	0.2	62	0.47	0.066
1068144	Soil	0.9	27.3	30.2	72	<0.1	18.7	11.4	443	3.59	9.7	0.7	<0.5	4.2	64	0.1	0.5	1.4	105	0.61	0.063
1068128	Soil	0.7	13.4	15.6	68	0.2	14.0	6.3	191	2.21	6.4	0.9	1.7	3.8	26	0.1	0.5	0.4	43	0.33	0.057
1068127	Soil	0.8	17.3	17.6	71	0.1	15.5	9.5	283	2.48	7.6	1.0	0.7	6.9	25	0.2	0.5	0.4	44	0.31	0.052
1068108	Soil	0.8	18.8	18.8	56	<0.1	20.5	9.3	378	2.27	7.6	0.9	3.3	3.9	32	<0.1	0.5	0.2	54	0.27	0.032
1068143	Soil	1.3	23.8	74.5	92	0.1	14.6	10.7	402	3.31	38.3	0.9	0.6	4.8	124	0.2	0.6	1.4	95	0.71	0.073
1068110	Soil	0.6	14.7	28.5	52	<0.1	13.8	6.1	293	1.68	4.7	0.9	3.9	3.1	24	0.3	0.4	0.2	41	0.23	0.023
1068129	Soil	0.9	17.1	14.1	80	0.1	14.1	7.7	339	2.32	5.5	1.0	10.2	7.5	23	0.1	0.5	0.4	42	0.31	0.051
1068131	Soil	0.9	19.0	14.3	71	0.1	17.2	9.1	311	2.49	6.9	1.3	1.2	5.1	26	0.3	0.6	0.3	50	0.31	0.051
1068002	Soil	1.0	10.0	17.5	40	0.3	12.7	4.8	182	1.76	4.9	0.9	1.5	2.0	86	0.4	0.3	0.1	42	0.60	0.058
1068012	Soil	1.4	22.3	23.6	65	0.1	25.7	12.3	360	2.75	15.0	0.9	1.2	4.1	15	0.4	0.7	0.5	68	0.13	0.029

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1068157	Soil	8	23	0.40	95	0.098	<1	1.95	0.012	0.05	0.3	0.03	2.3	<0.1	<0.05	9	0.8	<0.2
1068167	Soil	10	22	0.50	152	0.069	2	1.42	0.017	0.07	0.2	0.03	2.3	0.1	<0.05	4	<0.5	<0.2
1068160	Soil	6	15	0.44	110	0.055	2	1.15	0.031	0.05	0.2	0.06	1.9	<0.1	0.08	4	0.8	<0.2
1068172	Soil	12	25	0.46	182	0.049	<1	1.56	0.013	0.05	0.2	0.04	2.3	<0.1	<0.05	5	<0.5	<0.2
1068154	Soil	9	23	0.60	132	0.099	2	1.95	0.025	0.13	0.3	0.03	2.9	<0.1	<0.05	5	0.7	<0.2
1068159	Soil	8	23	0.48	140	0.082	2	1.84	0.022	0.05	0.2	0.06	2.5	<0.1	<0.05	7	0.7	<0.2
1068165	Soil	9	22	0.50	172	0.064	2	1.37	0.021	0.05	0.2	0.03	2.8	<0.1	<0.05	4	<0.5	<0.2
1068162	Soil	10	24	0.55	162	0.058	5	1.42	0.028	0.04	0.2	0.05	2.8	<0.1	0.08	4	<0.5	<0.2
1068170	Soil	10	26	0.44	244	0.051	<1	1.46	0.015	0.05	0.2	0.03	2.6	<0.1	<0.05	5	0.7	<0.2
1068163	Soil	9	22	0.55	194	0.055	4	1.37	0.028	0.04	0.2	0.06	2.7	<0.1	0.08	4	0.9	<0.2
1068161	Soil	10	24	0.68	182	0.073	13	1.40	0.035	0.06	0.2	0.03	2.8	<0.1	0.06	4	0.9	<0.2
1068164	Soil	10	21	0.51	178	0.067	3	1.36	0.027	0.04	0.2	0.04	3.0	<0.1	<0.05	4	0.6	<0.2
1068141	Soil	13	19	0.40	131	0.058	1	1.39	0.013	0.05	1.3	0.03	1.9	0.1	<0.05	5	0.7	<0.2
1068145	Soil	10	26	0.56	155	0.080	<1	2.02	0.013	0.05	0.1	0.03	3.8	0.1	<0.05	6	0.6	<0.2
1068147	Soil	9	32	0.55	232	0.082	2	2.39	0.011	0.06	0.2	0.03	3.1	0.1	<0.05	8	0.7	<0.2
1068146	Soil	12	31	0.64	233	0.097	1	2.38	0.015	0.07	0.2	0.03	5.0	0.1	<0.05	7	<0.5	<0.2
1068142	Soil	17	27	0.57	194	0.076	2	2.66	0.014	0.06	0.3	0.03	3.1	0.2	<0.05	8	0.6	<0.2
1068149	Soil	7	25	0.85	150	0.136	<1	2.40	0.025	0.24	<0.1	<0.01	4.5	0.1	<0.05	9	0.6	<0.2
1068148	Soil	11	37	0.65	149	0.083	2	2.59	0.020	0.04	0.2	0.03	7.6	<0.1	<0.05	6	0.9	<0.2
1068150	Soil	12	30	0.68	206	0.097	2	2.29	0.024	0.07	0.2	0.02	4.8	<0.1	<0.05	6	1.0	<0.2
1068144	Soil	15	39	0.94	227	0.158	<1	2.84	0.023	0.10	0.2	0.02	6.3	0.1	<0.05	8	<0.5	<0.2
1068128	Soil	15	23	0.48	184	0.043	1	1.77	0.011	0.06	0.1	0.04	2.6	0.1	<0.05	5	<0.5	<0.2
1068127	Soil	18	24	0.47	201	0.051	1	1.61	0.011	0.07	0.1	0.03	3.0	0.1	<0.05	5	1.0	<0.2
1068108	Soil	13	30	0.48	206	0.083	<1	1.57	0.011	0.05	<0.1	0.02	3.1	<0.1	<0.05	4	<0.5	<0.2
1068143	Soil	13	29	0.76	183	0.134	2	3.03	0.022	0.08	0.2	0.02	4.3	0.2	<0.05	9	0.5	<0.2
1068110	Soil	10	22	0.34	127	0.076	<1	1.19	0.010	0.03	0.2	0.02	2.1	<0.1	<0.05	3	<0.5	<0.2
1068129	Soil	20	22	0.48	212	0.049	<1	1.47	0.010	0.08	0.1	0.04	3.0	<0.1	<0.05	5	<0.5	<0.2
1068131	Soil	17	28	0.47	255	0.053	<1	1.68	0.012	0.06	0.2	0.03	3.3	0.1	<0.05	5	<0.5	<0.2
1068002	Soil	9	22	0.32	143	0.052	<1	2.47	0.016	0.07	0.2	0.08	3.3	<0.1	<0.05	7	0.8	<0.2
1068012	Soil	13	35	0.54	132	0.080	<1	2.32	0.012	0.07	0.2	0.03	3.6	0.1	<0.05	6	0.6	<0.2

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

Project: CHA
Report Date: July 10, 2011

CERTIFICATE OF ANALYSIS WHI11000326.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1068010	Soil	1.5	10.1	28.2	61	0.1	12.3	5.2	330	2.29	14.0	0.4	1.6	1.8	34	0.3	0.7	0.4	56	0.18	0.028
1068001	Soil	1.1	11.4	20.3	47	0.1	14.5	5.6	267	2.22	8.1	0.7	7.0	0.9	66	0.3	0.6	0.2	49	0.26	0.062
1068029	Soil	1.1	19.7	26.5	89	0.2	16.6	7.6	274	2.91	11.7	0.7	3.3	3.9	28	0.2	0.7	0.5	59	0.18	0.033
1068028	Soil	1.0	23.0	28.4	92	<0.1	19.2	11.0	548	3.30	18.0	0.8	2.0	5.7	57	0.3	0.6	0.4	59	0.26	0.045
1068026	Soil	1.0	17.8	39.1	87	<0.1	19.1	9.8	624	2.81	11.0	0.6	6.2	3.6	44	0.3	0.6	0.3	57	0.21	0.046
1068027	Soil	1.0	24.3	27.5	95	<0.1	19.2	10.9	550	3.27	19.0	0.9	2.0	6.1	65	0.3	0.6	0.4	62	0.29	0.047
1068024	Soil	0.9	17.3	42.8	89	0.1	17.9	7.7	513	2.46	24.9	0.9	4.0	3.5	56	0.3	0.6	0.2	48	0.27	0.052
1068023	Soil	0.3	3.0	3.5	16	<0.1	1.8	1.5	57	0.87	1.8	0.1	<0.5	0.3	6	<0.1	0.1	<0.1	21	0.04	0.011
1068013	Soil	1.4	12.0	32.9	57	0.1	13.6	5.7	198	2.66	17.8	0.5	3.1	2.2	12	0.3	0.7	0.5	70	0.09	0.024
1068014	Soil	1.2	14.8	80.6	91	0.2	13.4	6.5	438	1.95	99.7	0.7	10.2	3.4	119	0.6	0.8	1.0	38	0.75	0.055
1068025	Soil	0.9	23.4	26.5	62	0.2	16.2	5.3	174	1.98	7.7	0.8	2.4	1.0	35	0.3	0.5	0.3	44	0.25	0.047
1068018	Soil	1.4	12.7	16.4	48	<0.1	15.3	7.1	525	2.13	8.2	0.5	3.5	1.7	27	0.4	0.4	0.2	47	0.16	0.039
1068019	Soil	1.0	15.2	12.4	59	<0.1	17.1	6.8	314	2.47	8.1	0.6	2.7	2.2	26	0.2	0.6	0.1	53	0.22	0.049
1068017	Soil	1.2	29.1	14.0	63	<0.1	24.7	10.9	291	3.07	12.3	0.7	2.5	4.8	20	0.3	0.7	0.2	62	0.13	0.026
1067573	Soil	0.6	37.6	8.3	68	<0.1	26.0	15.3	567	3.24	4.8	0.4	3.0	1.6	34	0.1	0.3	0.1	92	0.52	0.094
1067583	Soil	0.6	30.4	12.6	80	0.2	27.4	11.2	362	2.93	11.2	0.5	3.2	2.6	32	0.8	0.9	0.3	59	1.97	0.068
1067555	Soil	3.1	340.7	12.4	72	0.5	27.6	15.9	1867	3.09	6.4	0.4	17.5	2.3	32	0.5	0.5	0.4	49	0.20	0.076
1067553	Soil	0.6	54.6	8.1	83	0.4	20.9	19.0	1306	4.38	6.1	0.6	82.4	3.8	26	0.2	0.6	0.1	84	0.50	0.147
1067582	Soil	0.8	24.4	14.6	77	0.2	29.1	11.3	546	2.90	12.4	0.5	4.8	1.9	46	1.2	0.9	0.2	56	3.93	0.088
1067574	Soil	0.4	44.7	6.6	72	0.1	27.3	14.2	436	2.95	4.0	0.6	5.1	2.0	36	0.1	0.3	0.1	76	0.73	0.101
1067556	Soil	2.5	267.8	11.9	62	0.6	26.9	13.0	974	3.08	8.1	0.8	13.5	3.5	26	0.2	0.7	0.3	60	0.41	0.053
1067577	Soil	0.3	22.8	7.5	75	<0.1	21.1	14.0	406	2.75	4.1	0.4	3.3	2.2	37	0.1	0.2	0.1	65	0.80	0.101
1067570	Soil	0.6	31.4	7.4	96	<0.1	22.0	17.3	739	3.89	2.8	0.3	1.0	1.8	46	<0.1	0.2	<0.1	82	0.35	0.111
1067575	Soil	0.3	44.3	6.3	73	0.1	29.6	15.3	534	2.71	3.7	0.7	2.8	1.8	42	0.2	0.4	0.1	74	1.00	0.110
1067580	Soil	0.8	18.8	13.2	62	0.2	13.0	10.7	988	2.65	6.6	0.8	20.2	3.3	22	0.2	0.2	0.2	42	0.60	0.061
1067572	Soil	0.4	44.7	5.4	71	<0.1	38.7	21.2	720	3.57	4.0	0.5	2.7	1.5	50	0.2	0.3	<0.1	110	0.86	0.121
1067566	Soil	0.9	30.7	8.5	70	<0.1	26.4	16.8	667	3.75	8.4	0.5	2.4	3.3	31	0.1	0.5	0.2	107	0.35	0.061
1067564	Soil	1.6	96.4	10.2	68	0.3	21.7	23.5	2135	4.52	5.6	0.8	3.5	4.4	15	0.2	0.3	0.1	42	0.33	0.081
1067565	Soil	1.9	83.1	9.2	75	0.3	21.8	22.5	2772	4.75	5.1	1.0	2.4	4.6	15	0.2	0.3	0.1	44	0.33	0.089
1067571	Soil	0.7	35.6	6.9	86	<0.1	49.9	22.1	1074	4.09	6.7	0.5	8.2	3.4	39	0.2	0.5	0.1	108	0.69	0.142

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

Project: CHA
Report Date: July 10, 2011

CERTIFICATE OF ANALYSIS WHI11000326.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1068010	Soil	7	22	0.34	208	0.038	1	1.38	0.008	0.05	0.2	0.05	1.5	<0.1	<0.05	7	<0.5	<0.2
1068001	Soil	9	23	0.34	175	0.037	1	1.80	0.013	0.06	0.2	0.07	1.1	<0.1	0.06	6	<0.5	<0.2
1068029	Soil	10	31	0.63	140	0.056	<1	1.98	0.009	0.11	0.2	0.05	2.9	0.1	<0.05	7	<0.5	<0.2
1068028	Soil	15	33	1.06	227	0.094	<1	2.16	0.009	0.22	0.2	0.02	3.8	0.2	<0.05	7	<0.5	<0.2
1068026	Soil	12	32	0.74	154	0.073	<1	1.79	0.009	0.12	0.2	0.02	3.0	0.1	<0.05	6	<0.5	<0.2
1068027	Soil	16	33	1.09	243	0.096	<1	2.20	0.011	0.23	0.2	0.03	4.0	0.2	<0.05	7	<0.5	<0.2
1068024	Soil	14	26	0.46	235	0.034	1	1.74	0.012	0.08	0.2	0.03	2.3	<0.1	<0.05	5	<0.5	<0.2
1068023	Soil	2	5	0.09	20	0.045	<1	0.40	0.023	0.02	<0.1	0.02	0.4	<0.1	<0.05	4	<0.5	<0.2
1068013	Soil	10	25	0.28	110	0.045	<1	1.79	0.007	0.04	0.2	0.04	1.8	0.1	<0.05	8	<0.5	<0.2
1068014	Soil	9	20	0.32	99	0.037	1	2.01	0.013	0.09	0.3	0.03	1.7	0.1	<0.05	5	<0.5	<0.2
1068025	Soil	10	26	0.39	181	0.035	1	1.46	0.013	0.07	0.1	0.05	1.9	<0.1	<0.05	5	<0.5	<0.2
1068018	Soil	7	24	0.34	116	0.028	2	1.49	0.009	0.07	0.1	0.03	1.6	<0.1	<0.05	6	<0.5	<0.2
1068019	Soil	10	25	0.53	124	0.056	<1	1.43	0.013	0.08	0.2	0.03	2.0	<0.1	<0.05	5	<0.5	<0.2
1068017	Soil	10	35	0.58	156	0.069	1	2.47	0.010	0.09	0.2	0.04	3.4	<0.1	<0.05	6	<0.5	<0.2
1067573	Soil	9	43	1.52	230	0.084	1	2.11	0.009	0.15	0.1	0.03	2.8	<0.1	<0.05	6	<0.5	<0.2
1067583	Soil	16	29	0.55	260	0.056	2	1.69	0.021	0.06	0.2	0.09	3.7	0.1	0.05	4	<0.5	<0.2
1067555	Soil	13	23	0.61	1197	0.034	<1	2.11	0.006	0.05	0.1	0.06	2.8	<0.1	<0.05	5	<0.5	<0.2
1067553	Soil	22	22	1.80	167	0.022	<1	2.59	0.010	0.08	0.2	0.04	5.1	<0.1	<0.05	7	<0.5	<0.2
1067582	Soil	19	31	0.57	227	0.045	2	1.84	0.020	0.07	0.2	0.08	4.1	<0.1	0.07	5	0.7	<0.2
1067574	Soil	11	41	1.39	236	0.079	<1	2.15	0.011	0.13	0.2	0.03	3.6	<0.1	<0.05	6	<0.5	<0.2
1067556	Soil	17	30	0.67	841	0.052	2	1.84	0.014	0.05	0.2	0.05	3.7	<0.1	<0.05	5	0.5	<0.2
1067577	Soil	8	31	1.43	243	0.052	1	2.01	0.012	0.08	0.1	0.03	3.1	<0.1	<0.05	6	<0.5	<0.2
1067570	Soil	8	24	2.54	146	0.057	<1	3.36	0.006	0.15	<0.1	0.02	2.8	<0.1	<0.05	8	<0.5	<0.2
1067575	Soil	10	45	1.57	294	0.076	2	2.06	0.016	0.11	0.1	0.05	3.8	<0.1	<0.05	5	<0.5	<0.2
1067580	Soil	16	19	0.81	276	0.013	1	1.80	0.013	0.07	<0.1	0.04	3.0	<0.1	<0.05	5	<0.5	<0.2
1067572	Soil	8	65	2.23	239	0.113	1	2.57	0.011	0.21	0.1	0.03	4.3	<0.1	<0.05	6	<0.5	<0.2
1067566	Soil	9	35	1.43	222	0.137	1	2.59	0.011	0.26	0.1	0.02	3.8	<0.1	<0.05	7	<0.5	<0.2
1067564	Soil	17	11	1.51	119	0.005	<1	2.68	0.005	0.09	<0.1	0.06	4.6	<0.1	<0.05	6	<0.5	<0.2
1067565	Soil	19	11	1.58	137	0.004	<1	2.83	0.005	0.08	<0.1	0.05	5.6	<0.1	<0.05	6	0.8	<0.2
1067571	Soil	12	146	2.58	221	0.096	2	2.85	0.017	0.17	0.2	0.02	7.8	<0.1	<0.05	7	<0.5	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1068132	Soil		1.0	22.7	11.6	76	0.1	20.5	9.5	315	2.74	9.7	1.6	4.6	5.4	32	0.3	0.7	0.2	55	0.41	0.073
1068124	Soil		1.1	21.8	26.6	98	0.2	17.4	8.7	510	2.75	22.8	1.5	3.7	7.3	25	0.3	0.6	0.7	49	0.28	0.054
1068133	Soil		1.0	25.4	12.0	77	0.1	21.9	10.1	326	2.89	10.0	1.5	5.0	5.3	33	0.3	0.8	0.2	60	0.44	0.077
1068123	Soil		1.0	20.6	27.3	116	0.2	17.6	8.9	486	2.95	24.6	1.2	4.8	8.4	27	0.3	0.6	0.6	49	0.33	0.058
1068120	Soil		1.4	20.2	36.6	107	0.3	21.3	8.7	432	2.77	38.0	1.0	4.9	4.8	24	0.3	0.5	0.6	54	0.27	0.046
1068126	Soil		0.8	15.2	13.6	64	0.1	11.5	7.6	298	2.09	8.5	0.8	1.7	3.6	21	0.2	0.5	0.3	39	0.24	0.071
1068125	Soil		1.1	15.4	18.9	81	0.2	12.4	6.6	327	2.12	14.8	0.7	1.9	3.3	18	0.3	0.6	0.4	38	0.20	0.048
1068122	Soil		1.1	18.8	26.5	115	0.2	13.9	6.5	386	2.25	31.1	0.8	1.0	4.3	19	0.3	0.5	0.7	39	0.23	0.047
1068130	Soil		1.2	17.0	13.2	88	0.1	13.7	7.9	329	2.25	6.6	0.9	2.3	4.0	26	0.3	0.5	0.3	41	0.36	0.064
1068121	Soil		1.2	17.8	30.0	112	0.1	11.5	6.4	435	2.10	31.1	0.8	1.2	2.1	14	0.5	0.5	0.7	40	0.14	0.039
1068117	Soil		1.5	13.3	17.0	58	<0.1	12.0	5.6	357	1.96	29.7	0.6	2.1	2.0	16	0.1	0.5	0.5	42	0.11	0.034
1068116	Soil		0.8	24.4	17.1	64	0.2	17.6	7.7	286	2.35	35.7	0.9	3.7	1.7	25	0.2	0.5	0.3	47	0.21	0.059
1068114	Soil		0.8	17.8	13.7	55	<0.1	14.1	8.0	283	2.48	8.2	0.9	3.6	4.1	53	0.2	0.5	0.2	51	0.48	0.072
1068119	Soil		1.8	32.2	77.2	140	0.2	21.4	10.6	639	3.31	89.3	1.3	5.0	6.8	24	0.4	0.8	0.8	47	0.28	0.059
1068118	Soil		0.8	12.9	14.1	47	0.1	11.0	5.9	294	1.81	17.3	0.7	2.0	0.9	17	0.2	0.3	0.3	36	0.15	0.043
1068113	Soil		1.0	21.4	18.4	70	<0.1	20.7	9.1	412	2.38	10.2	0.9	6.3	3.7	31	0.3	0.6	0.3	53	0.25	0.076
1068134	Soil		0.7	27.5	10.9	68	0.1	21.6	9.3	219	2.43	9.7	1.2	2.2	4.4	27	0.4	0.8	0.2	55	0.39	0.083
1068115	Soil		0.9	21.4	40.9	64	0.5	16.1	8.2	254	2.73	52.0	1.0	4.3	2.3	37	0.2	0.8	0.4	55	0.31	0.072
1068135	Soil		0.8	27.4	10.7	67	0.1	21.9	9.4	212	2.46	10.4	1.1	3.2	4.2	27	0.4	0.7	0.2	55	0.35	0.086
1068111	Soil		0.7	18.8	22.2	60	<0.1	18.0	8.4	384	2.14	7.5	1.0	6.2	3.2	52	0.2	0.5	0.2	50	0.24	0.045
1068106	Soil		1.2	17.7	14.1	44	0.1	15.3	7.0	205	2.95	10.2	0.7	1.2	4.3	21	0.3	0.6	0.3	69	0.12	0.026
1068109	Soil		0.7	18.9	13.3	48	<0.1	17.6	7.9	315	1.99	6.4	0.6	2.0	3.1	23	0.2	0.5	0.1	50	0.18	0.019
1069566	Soil		1.1	42.7	15.0	67	0.2	23.9	10.5	972	2.74	8.7	1.5	1.4	0.8	39	1.0	0.5	0.2	47	2.24	0.115
1069568	Soil		0.9	29.6	13.2	52	0.2	17.3	6.4	598	1.85	4.8	1.1	0.6	0.7	33	0.4	0.4	0.1	29	1.52	0.071
1068112	Soil		0.9	18.8	18.2	77	<0.1	24.7	11.6	550	2.67	11.8	0.6	1.5	3.4	27	0.4	0.7	0.2	60	0.23	0.076
1069564	Soil		0.8	33.2	12.4	78	0.2	31.3	11.7	573	2.79	10.3	0.6	5.8	2.2	38	0.3	0.7	0.2	58	1.76	0.090
1069570	Soil		1.2	35.9	14.3	66	0.2	27.6	10.8	546	2.71	9.4	0.6	6.8	2.5	28	0.3	0.7	0.2	52	0.85	0.072
1069571	Soil		1.7	19.4	6.9	37	0.1	11.3	5.0	564	0.97	2.4	1.7	0.6	0.3	50	0.5	0.4	<0.1	19	2.67	0.073
1068107	Soil		0.9	20.6	29.9	60	<0.1	18.9	8.6	352	2.38	8.7	0.6	2.1	2.9	33	0.2	0.5	0.2	56	0.22	0.028
1069574	Soil		1.2	31.7	12.5	84	0.2	17.9	8.8	663	2.15	5.2	0.9	1.7	1.0	43	0.5	0.4	0.2	42	2.09	0.068

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

Project: CHA
Report Date: July 10, 2011

CERTIFICATE OF ANALYSIS WHI11000326.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1068132	Soil	17	26	0.57	256	0.058	2	1.65	0.018	0.06	0.2	0.03	3.5	0.1	<0.05	5	<0.5	<0.2
1068124	Soil	21	29	0.55	221	0.059	1	1.99	0.011	0.08	0.2	0.03	3.5	0.1	<0.05	6	<0.5	<0.2
1068133	Soil	17	30	0.61	240	0.069	2	1.66	0.020	0.07	0.2	0.04	3.7	<0.1	<0.05	5	<0.5	<0.2
1068123	Soil	18	27	0.57	184	0.065	1	1.99	0.011	0.11	0.2	0.03	3.3	0.2	<0.05	6	<0.5	<0.2
1068120	Soil	14	34	0.64	184	0.059	1	2.04	0.010	0.08	0.2	0.02	3.0	0.1	<0.05	6	<0.5	<0.2
1068126	Soil	11	19	0.38	173	0.034	1	1.24	0.009	0.05	0.1	0.03	2.3	<0.1	<0.05	4	<0.5	<0.2
1068125	Soil	11	22	0.46	170	0.030	1	1.41	0.009	0.06	0.1	0.02	2.1	0.1	<0.05	5	<0.5	<0.2
1068122	Soil	11	23	0.46	145	0.033	1	1.36	0.007	0.06	0.2	0.03	1.9	0.1	<0.05	5	<0.5	<0.2
1068130	Soil	13	24	0.43	216	0.041	<1	1.37	0.013	0.05	0.2	0.04	2.5	<0.1	<0.05	4	<0.5	<0.2
1068121	Soil	12	21	0.36	102	0.038	1	1.31	0.012	0.06	0.2	0.03	1.5	<0.1	<0.05	5	<0.5	<0.2
1068117	Soil	11	22	0.36	94	0.045	1	1.07	0.010	0.07	0.2	0.02	1.6	<0.1	<0.05	5	<0.5	<0.2
1068116	Soil	12	27	0.47	193	0.044	1	1.72	0.011	0.06	0.2	0.04	2.6	<0.1	<0.05	5	<0.5	<0.2
1068114	Soil	10	24	0.51	149	0.074	1	1.61	0.017	0.09	0.2	0.03	3.2	<0.1	<0.05	6	<0.5	<0.2
1068119	Soil	18	32	0.73	222	0.045	<1	1.79	0.009	0.07	0.2	0.02	3.1	0.1	<0.05	5	<0.5	<0.2
1068118	Soil	9	19	0.32	118	0.031	1	1.28	0.016	0.05	0.1	0.02	1.5	<0.1	<0.05	4	<0.5	<0.2
1068113	Soil	11	27	0.47	208	0.065	1	1.50	0.012	0.06	0.3	0.02	2.7	<0.1	<0.05	5	<0.5	<0.2
1068134	Soil	15	28	0.50	266	0.057	1	1.46	0.016	0.05	0.3	0.04	3.8	<0.1	<0.05	4	<0.5	<0.2
1068115	Soil	9	27	0.56	182	0.058	1	1.96	0.015	0.07	0.2	0.04	3.3	0.1	<0.05	6	<0.5	<0.2
1068135	Soil	15	27	0.49	273	0.053	1	1.44	0.014	0.04	0.3	0.05	3.6	<0.1	<0.05	4	<0.5	<0.2
1068111	Soil	11	26	0.38	292	0.071	1	1.48	0.011	0.04	0.2	0.02	2.9	<0.1	<0.05	4	<0.5	<0.2
1068106	Soil	11	28	0.37	159	0.046	1	2.35	0.011	0.05	0.1	0.03	3.1	0.2	<0.05	8	<0.5	<0.2
1068109	Soil	10	27	0.39	152	0.076	<1	1.41	0.011	0.03	<0.1	0.02	2.8	<0.1	<0.05	4	<0.5	<0.2
1069566	Soil	15	27	0.73	175	0.025	2	1.72	0.018	0.06	0.2	0.10	2.7	<0.1	0.10	4	0.8	<0.2
1069568	Soil	10	20	0.66	160	0.029	2	1.23	0.026	0.05	0.1	0.05	2.0	<0.1	0.09	3	0.7	<0.2
1068112	Soil	10	31	0.49	221	0.071	2	2.10	0.014	0.07	0.3	0.03	2.7	<0.1	<0.05	5	<0.5	<0.2
1069564	Soil	14	33	1.09	207	0.058	3	1.50	0.024	0.07	0.2	0.06	3.4	<0.1	<0.05	4	<0.5	<0.2
1069570	Soil	14	30	0.72	239	0.057	2	1.44	0.022	0.07	0.2	0.04	3.9	<0.1	<0.05	4	<0.5	<0.2
1069571	Soil	5	11	0.36	185	0.018	4	0.76	0.020	0.03	<0.1	0.06	0.7	<0.1	0.14	2	0.6	<0.2
1068107	Soil	12	29	0.41	165	0.069	1	1.81	0.011	0.06	0.1	0.04	2.8	<0.1	<0.05	5	<0.5	<0.2
1069574	Soil	10	22	0.84	285	0.046	3	1.49	0.022	0.07	<0.1	0.05	2.7	<0.1	0.13	4	0.5	<0.2

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600-666 Burrard St.
Vancouver BC Canada

Project: CHA
Report Date: July 10, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1069573	Soil	1.8	29.6	14.9	75	0.1	22.4	11.4	934	2.59	6.1	1.1	1.3	1.6	38	0.4	0.5	0.2	47	1.68	0.051
1069569	Soil	1.4	34.5	11.8	90	0.2	27.3	12.9	697	3.26	7.6	0.6	2.7	3.4	33	0.2	0.5	0.1	67	1.59	0.075
1069572	Soil	1.7	31.8	12.9	83	0.2	24.5	11.2	699	2.73	7.0	0.7	3.4	1.8	31	0.4	0.5	0.2	52	1.23	0.062
1069563	Soil	0.7	26.9	16.8	78	0.2	29.2	9.9	559	2.84	11.1	1.1	3.5	0.8	38	1.0	0.5	0.3	60	1.80	0.087
1069565	Soil	0.8	20.4	11.5	55	0.2	15.2	6.3	555	1.98	4.7	0.7	0.7	0.6	32	0.7	0.4	0.1	31	1.67	0.068
1069567	Soil	1.4	36.2	19.1	82	0.2	30.2	10.0	711	3.00	8.2	0.9	1.3	2.0	38	0.6	0.5	0.2	51	1.92	0.061
1069552	Soil	0.6	30.7	12.2	69	0.2	26.8	11.2	532	2.63	9.5	0.5	3.0	2.5	44	0.4	0.6	0.2	54	2.68	0.105
1069562	Soil	0.8	30.9	15.1	72	0.2	29.8	11.4	559	2.85	10.6	0.8	3.2	1.5	38	0.4	0.6	0.2	57	1.40	0.071
1069558	Soil	1.2	17.4	18.2	51	0.2	23.9	7.9	295	2.29	7.9	1.5	1.3	0.8	64	0.5	0.4	0.2	47	5.44	0.067
1069560	Soil	0.7	34.7	11.1	64	0.1	25.7	13.5	532	3.44	9.2	1.2	1.8	2.5	27	0.2	0.5	0.2	70	0.78	0.060
1069561	Soil	2.5	18.9	12.0	51	<0.1	20.7	7.6	331	2.85	8.3	1.2	2.2	2.5	26	0.3	0.4	0.3	53	0.89	0.038
1069559	Soil	0.7	40.1	5.9	41	<0.1	13.2	6.6	392	1.58	8.7	0.4	6.5	3.8	24	0.2	0.3	0.1	23	1.24	0.038
1069557	Soil	0.7	36.5	10.3	70	<0.1	21.1	10.0	855	3.07	7.1	0.7	2.5	4.6	21	0.5	0.4	0.2	56	0.48	0.065
1069556	Soil	0.5	38.6	9.1	73	<0.1	19.5	9.8	803	3.12	5.6	0.5	2.3	4.2	18	0.6	0.3	0.2	56	0.52	0.082
1069554	Soil	0.6	25.6	16.7	68	0.2	24.1	10.5	554	2.70	10.3	0.6	5.8	1.1	36	0.8	0.6	0.3	49	2.09	0.071
1069553	Soil	0.7	20.4	14.0	78	0.2	21.3	8.3	417	2.42	8.5	0.7	4.2	1.2	34	0.9	0.5	0.3	44	2.01	0.067
1069551	Soil	0.6	24.0	16.1	73	0.2	29.1	9.6	404	2.73	9.1	0.7	4.1	1.8	36	0.5	0.6	0.2	50	2.11	0.093
1069555	Soil	0.5	19.8	15.8	63	0.1	21.9	8.6	433	2.28	8.8	0.5	3.1	1.9	47	0.5	0.5	0.2	43	3.11	0.066
1069579	Soil	0.8	19.5	16.3	66	0.1	13.0	9.6	360	2.42	7.0	1.1	4.2	5.6	64	0.2	0.3	0.4	41	0.90	0.038
1069577	Soil	1.1	20.2	10.6	74	<0.1	17.2	11.9	758	2.83	6.3	0.8	12.7	3.2	44	0.2	0.3	0.2	55	0.89	0.033
1068048	Soil	0.8	23.1	12.4	55	0.3	14.8	9.4	158	2.93	8.4	1.1	6.2	3.1	39	0.2	0.4	0.4	80	0.34	0.092
1068060	Soil	1.0	10.3	12.8	42	<0.1	11.3	4.3	181	2.06	7.1	0.6	3.9	0.8	27	0.2	0.4	0.2	53	0.18	0.044
1069575	Soil	0.7	22.4	10.1	73	0.1	17.1	9.9	626	2.38	6.2	0.9	4.8	2.1	29	0.2	0.4	0.2	46	1.12	0.049
1069580	Soil	1.1	24.6	15.3	85	<0.1	14.0	10.5	556	2.57	6.0	1.1	4.2	7.2	57	0.3	0.4	0.3	43	0.83	0.035
1068057	Soil	0.8	11.1	14.7	57	0.2	14.7	7.8	475	1.78	5.3	1.0	4.8	1.5	48	0.3	0.4	0.4	44	0.42	0.074
1068058	Soil	0.8	15.3	14.4	153	0.1	14.0	9.8	455	2.77	5.8	0.9	3.9	3.1	89	0.5	0.3	0.3	72	0.62	0.084
1069578	Soil	1.2	25.2	11.2	76	0.1	17.3	12.0	733	3.03	9.7	1.1	3.9	2.6	52	0.2	0.5	0.3	52	1.21	0.055
1069576	Soil	1.0	24.3	9.5	59	0.1	15.8	8.2	607	1.96	6.4	1.0	2.7	1.3	40	0.3	0.4	0.1	36	1.72	0.044
1068067	Soil	1.1	15.8	16.4	74	0.1	16.0	6.6	278	2.31	8.1	1.2	2.7	2.4	37	0.4	0.5	0.2	52	0.30	0.056
1068054	Soil	0.6	14.2	17.2	58	0.1	12.9	10.5	522	2.28	6.3	0.8	0.5	2.7	44	0.2	0.3	0.5	79	0.37	0.079

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1069573	Soil		11	25	1.03	237	0.054	2	1.62	0.019	0.08	0.1	0.04	3.4	<0.1	0.07	5	0.6	<0.2
1069569	Soil		13	28	1.60	188	0.106	2	2.11	0.018	0.25	0.1	0.02	5.2	0.1	<0.05	6	<0.5	<0.2
1069572	Soil		13	28	1.24	243	0.062	2	1.85	0.019	0.09	<0.1	0.05	4.0	<0.1	<0.05	5	<0.5	<0.2
1069563	Soil		15	37	1.01	163	0.037	2	1.87	0.018	0.05	0.2	0.07	3.0	<0.1	0.06	5	0.8	<0.2
1069565	Soil		9	17	0.67	138	0.028	2	1.22	0.022	0.05	<0.1	0.05	2.3	<0.1	0.09	4	<0.5	<0.2
1069567	Soil		15	33	1.69	173	0.042	2	1.93	0.017	0.09	0.2	0.04	4.3	<0.1	<0.05	5	0.6	<0.2
1069552	Soil		15	30	1.62	204	0.061	2	1.46	0.023	0.06	0.2	0.05	3.2	<0.1	0.05	4	<0.5	<0.2
1069562	Soil		14	34	0.86	226	0.041	2	1.69	0.022	0.06	0.2	0.07	3.7	<0.1	0.05	5	<0.5	<0.2
1069558	Soil		11	31	2.35	150	0.021	2	1.78	0.014	0.06	0.2	0.05	2.8	<0.1	0.09	4	0.7	<0.2
1069560	Soil		16	37	1.18	247	0.045	2	2.45	0.017	0.09	0.2	0.04	6.4	<0.1	<0.05	6	0.7	<0.2
1069561	Soil		12	27	0.68	218	0.025	<1	2.01	0.013	0.05	0.1	0.04	3.4	<0.1	<0.05	6	0.6	<0.2
1069559	Soil		13	16	0.70	504	0.003	<1	1.59	0.008	0.07	<0.1	0.03	2.2	<0.1	<0.05	3	<0.5	<0.2
1069557	Soil		17	26	2.43	221	0.042	<1	2.84	0.011	0.10	0.2	0.04	5.1	0.1	<0.05	7	<0.5	<0.2
1069556	Soil		16	23	3.10	190	0.040	<1	3.11	0.010	0.12	0.1	0.03	4.9	0.1	<0.05	7	<0.5	<0.2
1069554	Soil		14	30	0.74	158	0.032	1	1.70	0.016	0.06	0.1	0.08	2.6	<0.1	0.08	5	0.8	<0.2
1069553	Soil		14	27	1.01	125	0.030	2	1.51	0.017	0.05	0.1	0.05	2.5	<0.1	<0.05	4	<0.5	<0.2
1069551	Soil		15	39	0.87	183	0.033	1	1.85	0.018	0.05	0.2	0.07	3.5	<0.1	<0.05	5	0.6	<0.2
1069555	Soil		13	26	1.18	125	0.043	1	1.42	0.018	0.04	0.2	0.06	2.7	<0.1	<0.05	4	<0.5	<0.2
1069579	Soil		11	22	0.81	164	0.071	1	1.72	0.020	0.13	0.2	0.03	3.2	0.1	<0.05	5	<0.5	<0.2
1069577	Soil		10	28	1.13	191	0.075	1	2.04	0.015	0.10	<0.1	0.03	4.1	0.1	<0.05	6	<0.5	<0.2
1068048	Soil		13	30	0.65	218	0.100	<1	2.09	0.017	0.12	0.3	0.07	4.7	0.1	<0.05	6	<0.5	<0.2
1068060	Soil		8	20	0.28	118	0.048	<1	1.39	0.011	0.05	0.2	0.05	1.8	<0.1	<0.05	7	<0.5	<0.2
1069575	Soil		11	24	0.97	202	0.048	<1	1.53	0.015	0.08	0.1	0.05	3.6	<0.1	<0.05	5	<0.5	<0.2
1069580	Soil		10	23	0.84	172	0.077	<1	2.08	0.023	0.14	0.1	0.04	3.8	0.1	<0.05	6	<0.5	<0.2
1068057	Soil		9	23	0.46	265	0.035	<1	1.65	0.015	0.07	0.2	0.09	2.2	0.1	<0.05	5	<0.5	<0.2
1068058	Soil		11	27	0.73	191	0.075	1	2.61	0.020	0.14	0.2	0.06	4.0	0.1	<0.05	7	0.6	<0.2
1069578	Soil		12	29	1.05	224	0.067	<1	1.98	0.032	0.14	<0.1	0.06	4.5	0.2	<0.05	6	0.8	<0.2
1069576	Soil		10	20	0.75	214	0.042	1	1.35	0.015	0.08	<0.1	0.05	2.7	<0.1	<0.05	4	<0.5	<0.2
1068067	Soil		12	27	0.45	199	0.048	2	2.12	0.014	0.07	0.2	0.07	3.0	<0.1	<0.05	7	<0.5	<0.2
1068054	Soil		11	25	0.49	188	0.089	<1	1.51	0.019	0.07	0.3	0.04	2.8	<0.1	<0.05	5	<0.5	<0.2

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

Project: CHA
Report Date: July 10, 2011

CERTIFICATE OF ANALYSIS WHI11000326.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1069585	Soil	1.4	30.9	23.6	104	0.2	18.8	10.9	617	3.04	12.0	1.5	5.9	5.5	68	0.3	0.4	0.4	55	1.08	0.047
1068059	Soil	0.6	28.6	47.0	1014	0.4	10.6	9.3	1733	4.51	52.8	1.2	5.0	4.3	81	7.0	0.6	2.4	44	0.84	0.066
1068055	Soil	0.8	20.3	12.3	59	<0.1	17.2	10.7	503	2.83	7.3	0.7	5.9	3.7	49	0.3	0.3	0.3	107	0.42	0.097
1068050	Soil	1.0	29.1	23.6	72	0.2	16.4	9.7	372	2.99	10.6	1.0	3.4	3.7	45	0.3	0.4	1.2	98	0.38	0.103
1068042	Soil	0.8	20.3	16.4	61	<0.1	19.1	7.7	292	2.34	8.3	0.9	6.5	4.6	42	0.3	0.5	0.2	58	0.40	0.085
1068037	Soil	0.6	23.7	77.3	99	0.4	16.5	6.7	214	2.97	44.3	3.6	2.1	17.8	53	0.3	0.7	1.1	76	0.43	0.112
1068041	Soil	0.5	19.9	19.6	58	0.1	17.1	6.7	181	2.06	7.4	1.0	6.5	4.3	47	0.3	0.5	0.2	47	0.33	0.064
1068038	Soil	0.5	21.1	26.7	73	0.1	17.9	7.6	213	2.90	11.6	3.6	2.4	12.4	77	0.3	0.6	0.3	71	0.53	0.107
1068047	Soil	0.7	23.7	8.5	59	<0.1	18.9	9.8	334	3.08	6.5	0.7	5.6	3.9	35	0.3	0.5	1.2	102	0.36	0.086
1068036	Soil	0.9	31.4	169.5	183	0.6	17.4	9.0	305	3.05	106.9	7.6	5.2	21.2	89	0.9	1.1	1.3	71	0.57	0.120
1068056	Soil	0.9	18.2	16.7	68	0.2	18.0	9.4	364	2.51	6.4	1.2	2.8	3.0	60	0.2	0.4	0.7	65	0.52	0.089
1068068	Soil	1.1	30.5	123.8	162	0.4	20.4	8.7	541	3.19	123.1	5.0	6.2	21.9	104	0.9	1.0	0.8	64	0.62	0.109
1068046	Soil	1.1	15.9	22.7	61	<0.1	18.7	9.7	513	2.42	7.8	0.7	4.6	2.2	55	0.3	0.5	0.9	61	0.32	0.057
1066533	Soil	0.9	27.5	243.7	330	1.0	8.9	5.6	1519	2.96	101.8	4.8	6.2	30.5	219	2.5	1.5	0.3	45	0.88	0.139
1068069	Soil	1.4	34.2	107.7	136	0.5	24.6	9.6	529	3.00	112.6	5.6	4.6	16.9	85	0.8	1.1	0.9	62	0.54	0.102
1068051	Soil	1.1	40.1	30.2	87	0.2	18.7	12.2	597	3.40	8.5	1.0	10.7	4.0	60	0.4	0.4	0.7	121	0.48	0.106
1068049	Soil	0.9	20.9	17.4	59	<0.1	17.8	9.6	300	2.95	7.8	0.8	4.4	3.5	38	0.2	0.4	1.6	94	0.35	0.085
1068070	Soil	0.7	23.3	69.4	131	0.3	15.8	6.8	359	2.79	64.8	3.9	3.6	21.9	105	0.6	0.9	0.6	57	0.56	0.104
1068039	Soil	0.3	16.9	28.8	63	0.1	13.2	7.5	238	2.69	7.8	2.6	3.7	15.0	87	0.2	0.6	0.5	59	0.59	0.087
1068043	Soil	0.6	10.4	14.4	45	<0.1	11.2	4.8	221	1.62	5.1	0.6	4.7	1.8	42	0.2	0.3	0.3	41	0.31	0.042

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

Project: CHA
Report Date: July 10, 2011

CERTIFICATE OF ANALYSIS WHI11000326.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1069585	Soil	13	28	0.82	206	0.079	1	2.45	0.022	0.14	0.1	0.05	4.1	0.2	<0.05	7	0.5	<0.2
1068059	Soil	10	26	1.09	171	0.026	<1	2.81	0.020	0.12	0.1	0.06	3.8	0.2	<0.05	9	<0.5	<0.2
1068055	Soil	12	38	0.54	194	0.112	<1	1.53	0.017	0.14	0.3	0.03	2.6	0.1	<0.05	5	<0.5	<0.2
1068050	Soil	15	33	0.64	175	0.119	<1	1.95	0.017	0.15	0.5	0.05	3.5	0.1	<0.05	6	<0.5	<0.2
1068042	Soil	14	28	0.45	193	0.076	<1	1.40	0.018	0.06	0.3	0.03	3.0	<0.1	<0.05	5	<0.5	<0.2
1068037	Soil	22	28	0.53	177	0.084	1	1.76	0.013	0.08	0.7	0.05	3.4	0.2	<0.05	7	<0.5	<0.2
1068041	Soil	12	24	0.47	164	0.064	2	1.70	0.015	0.07	0.2	0.04	2.9	<0.1	<0.05	5	<0.5	<0.2
1068038	Soil	19	27	0.51	180	0.075	2	2.08	0.018	0.08	0.2	0.04	3.2	0.1	<0.05	7	<0.5	<0.2
1068047	Soil	13	30	0.72	192	0.135	<1	1.69	0.015	0.15	0.3	0.03	3.5	0.1	<0.05	5	<0.5	<0.2
1068036	Soil	24	27	0.56	210	0.080	1	1.83	0.018	0.10	0.5	0.05	3.8	0.2	<0.05	7	<0.5	<0.2
1068056	Soil	14	28	0.57	271	0.069	<1	2.17	0.019	0.09	0.3	0.07	3.4	0.1	<0.05	7	<0.5	<0.2
1068068	Soil	22	30	0.59	210	0.085	<1	1.92	0.019	0.13	1.2	0.03	4.0	0.2	<0.05	7	<0.5	<0.2
1068046	Soil	9	28	0.43	186	0.057	<1	1.75	0.009	0.10	0.2	0.05	2.5	<0.1	<0.05	6	<0.5	<0.2
1066533	Soil	31	10	0.56	370	0.008	<1	2.09	0.014	0.10	<0.1	0.02	4.0	0.1	<0.05	8	<0.5	<0.2
1068069	Soil	20	32	0.59	220	0.078	<1	1.74	0.019	0.11	0.3	0.04	4.0	0.1	<0.05	6	<0.5	<0.2
1068051	Soil	14	29	0.73	229	0.137	1	2.26	0.025	0.20	0.9	0.05	3.8	0.1	<0.05	7	0.5	<0.2
1068049	Soil	13	31	0.59	157	0.116	2	1.75	0.014	0.11	0.5	0.03	2.5	0.1	<0.05	5	<0.5	<0.2
1068070	Soil	24	24	0.54	207	0.072	1	1.73	0.018	0.09	0.1	0.02	3.4	0.2	<0.05	6	<0.5	<0.2
1068039	Soil	20	22	0.48	167	0.068	2	1.90	0.024	0.08	0.1	0.03	3.0	0.1	<0.05	6	<0.5	<0.2
1068043	Soil	8	18	0.36	126	0.040	1	1.36	0.012	0.06	0.2	0.03	1.8	<0.1	<0.05	4	<0.5	<0.2

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

Project: CHA
Report Date: July 10, 2011

QUALITY CONTROL REPORT WHI11000326.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1199327	Soil	0.9	331.2	8.6	136	<0.1	127.9	62.6	793	7.67	2.2	0.3	15.0	0.6	67	<0.1	0.2	<0.1	137	0.73	0.090
REP 1199327	QC	0.7	331.2	8.5	134	<0.1	126.6	59.6	796	7.46	2.3	0.3	23.8	0.5	64	0.1	0.1	<0.1	133	0.68	0.085
1067679	Soil	1.5	9.8	12.2	52	<0.1	16.7	7.0	335	2.29	5.3	0.6	1.8	3.5	21	0.2	0.4	0.2	43	0.27	0.039
REP 1067679	QC	1.5	10.2	12.5	54	<0.1	17.1	7.0	335	2.28	5.5	0.6	2.1	3.4	22	0.2	0.5	0.2	43	0.27	0.040
1067672	Soil	1.7	13.8	11.6	45	0.4	10.4	4.2	249	1.53	2.5	1.0	3.5	2.4	35	0.2	0.2	0.3	27	0.58	0.056
REP 1067672	QC	1.5	12.7	10.4	44	0.4	10.1	4.4	253	1.57	2.4	0.9	1.4	2.1	35	0.1	0.2	0.3	27	0.54	0.056
1067552	Soil	0.7	35.2	8.7	65	0.1	23.7	15.2	899	3.54	6.0	0.8	3.3	2.0	26	0.1	0.4	0.2	78	0.81	0.105
REP 1067552	QC	0.6	34.1	8.8	66	0.1	22.4	14.6	925	3.52	6.5	0.8	3.2	1.9	26	0.2	0.4	0.2	80	0.78	0.103
1199320	Soil	1.2	14.6	18.4	36	0.1	7.2	8.3	390	3.16	5.3	1.8	1.0	47.4	154	0.1	0.3	0.8	64	1.27	0.143
REP 1199320	QC	1.4	14.8	18.5	36	0.1	7.9	8.5	394	3.28	5.3	1.7	<0.5	44.2	152	0.1	0.4	0.7	66	1.25	0.147
1069610	Soil	0.8	13.9	11.1	50	<0.1	16.7	9.3	292	2.36	5.1	0.4	2.4	2.7	14	<0.1	0.3	0.1	57	0.20	0.033
REP 1069610	QC	0.8	14.4	11.7	52	<0.1	16.9	9.3	294	2.37	5.0	0.4	1.8	2.8	14	<0.1	0.3	0.2	58	0.20	0.032
1198628	Soil	1.5	15.5	18.5	32	0.1	11.9	4.8	186	1.79	3.2	0.6	3.8	1.7	29	0.3	0.3	0.2	58	0.15	0.043
REP 1198628	QC	1.3	16.2	17.6	32	0.1	12.1	5.1	196	1.83	3.3	0.6	5.5	1.7	30	0.3	0.3	0.2	60	0.17	0.043
1198632	Soil	1.1	16.5	14.6	64	<0.1	18.7	10.8	603	3.04	5.6	0.4	2.4	1.3	25	0.3	0.4	0.1	85	0.22	0.059
REP 1198632	QC	0.9	15.9	14.7	64	<0.1	18.1	10.3	591	3.00	5.8	0.4	2.3	1.3	27	0.3	0.3	0.1	90	0.23	0.061
1068084	Soil	1.9	104.1	248.9	161	1.2	17.2	8.5	409	2.68	256.4	2.9	3.9	5.6	37	1.2	1.1	5.7	51	0.23	0.077
REP 1068084	QC	1.9	105.0	243.4	158	1.3	16.8	8.4	412	2.58	249.7	2.9	5.3	5.4	37	1.0	1.1	5.4	49	0.24	0.074
1068100	Soil	0.6	21.5	18.9	54	<0.1	11.4	7.3	460	2.73	12.5	1.0	5.1	5.8	86	0.2	0.4	0.2	43	0.39	0.032
REP 1068100	QC	0.6	21.7	20.6	57	<0.1	11.3	7.1	463	2.74	12.6	1.0	4.4	5.8	86	0.2	0.4	0.2	42	0.38	0.031
1068162	Soil	0.6	18.2	13.1	59	<0.1	17.3	8.6	397	1.88	7.3	2.5	19.2	1.4	48	0.5	0.5	0.2	49	1.66	0.068
REP 1068162	QC	0.5	18.7	13.3	57	0.1	17.2	8.7	408	1.91	7.1	2.5	3.3	1.3	45	0.4	0.5	0.1	48	1.67	0.065
1068150	Soil	0.9	54.2	13.3	54	0.1	22.9	11.5	224	2.34	6.9	0.9	4.2	3.3	48	0.2	0.5	0.2	62	0.47	0.066
REP 1068150	QC	0.8	55.3	12.6	56	0.1	23.9	11.8	220	2.35	6.9	0.9	2.2	3.4	49	0.1	0.5	0.2	65	0.48	0.063
1067583	Soil	0.6	30.4	12.6	80	0.2	27.4	11.2	362	2.93	11.2	0.5	3.2	2.6	32	0.8	0.9	0.3	59	1.97	0.068
REP 1067583	QC	0.6	30.2	13.2	79	0.2	27.1	10.8	363	2.87	11.5	0.5	3.7	2.7	34	0.9	0.9	0.2	58	1.98	0.069
1067580	Soil	0.8	18.8	13.2	62	0.2	13.0	10.7	988	2.65	6.6	0.8	20.2	3.3	22	0.2	0.2	0.2	42	0.60	0.061
REP 1067580	QC	0.8	17.8	13.2	61	0.2	12.4	10.4	990	2.63	6.5	0.8	6.1	3.3	21	0.2	0.3	0.2	41	0.60	0.062

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Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: CHA
Report Date: July 10, 2011

QUALITY CONTROL REPORT WHI11000326.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1199327	Soil	5	205	4.34	618	0.530	<1	4.50	0.061	2.51	<0.1	<0.01	7.3	1.1	<0.05	12	<0.5	<0.2
REP 1199327	QC	4	200	4.29	615	0.515	<1	4.49	0.060	2.46	<0.1	0.01	6.9	1.2	<0.05	12	<0.5	<0.2
1067679	Soil	16	29	0.38	341	0.033	<1	1.27	0.009	0.09	0.2	0.02	2.2	<0.1	<0.05	4	<0.5	<0.2
REP 1067679	QC	16	28	0.39	337	0.033	1	1.28	0.009	0.09	0.2	0.02	2.2	<0.1	<0.05	4	<0.5	<0.2
1067672	Soil	16	16	0.22	357	0.011	1	1.28	0.015	0.09	0.2	0.05	2.5	0.1	0.08	4	<0.5	<0.2
REP 1067672	QC	16	16	0.20	342	0.011	<1	1.12	0.013	0.08	0.2	0.06	2.2	<0.1	0.10	4	<0.5	<0.2
1067552	Soil	14	29	1.44	242	0.031	1	2.43	0.012	0.10	0.2	0.04	4.8	0.1	<0.05	7	0.6	<0.2
REP 1067552	QC	14	29	1.33	237	0.029	<1	2.48	0.012	0.09	0.2	0.04	4.9	0.1	<0.05	7	0.6	<0.2
1199320	Soil	21	14	0.75	99	0.071	<1	3.60	0.015	0.27	1.9	0.01	4.2	0.5	<0.05	11	<0.5	<0.2
REP 1199320	QC	20	15	0.76	99	0.073	<1	3.64	0.015	0.28	1.7	0.02	4.3	0.5	<0.05	11	<0.5	<0.2
1069610	Soil	13	26	0.74	403	0.037	<1	1.71	0.007	0.05	<0.1	0.02	2.8	<0.1	<0.05	6	<0.5	<0.2
REP 1069610	QC	12	26	0.76	383	0.039	2	1.77	0.008	0.06	0.1	0.02	2.8	<0.1	<0.05	6	<0.5	<0.2
1198628	Soil	8	25	0.34	138	0.079	<1	1.00	0.014	0.07	0.2	0.03	1.2	<0.1	<0.05	6	0.6	<0.2
REP 1198628	QC	8	26	0.36	139	0.080	<1	0.98	0.014	0.07	0.2	0.03	1.3	<0.1	<0.05	6	<0.5	<0.2
1198632	Soil	8	28	0.54	250	0.086	<1	2.19	0.013	0.09	0.1	0.04	1.7	<0.1	<0.05	7	<0.5	<0.2
REP 1198632	QC	8	29	0.55	242	0.090	<1	2.22	0.014	0.09	0.1	0.02	1.8	<0.1	<0.05	7	<0.5	<0.2
1068084	Soil	12	23	0.42	107	0.045	<1	1.68	0.008	0.05	1.2	0.08	2.1	0.1	<0.05	6	<0.5	<0.2
REP 1068084	QC	12	23	0.41	106	0.043	<1	1.64	0.008	0.05	1.2	0.08	2.1	0.1	<0.05	5	<0.5	<0.2
1068100	Soil	15	20	0.59	511	0.042	<1	2.47	0.010	0.20	0.1	0.03	4.9	0.2	<0.05	7	<0.5	<0.2
REP 1068100	QC	14	20	0.60	510	0.041	<1	2.42	0.010	0.20	<0.1	0.03	5.3	0.2	<0.05	8	<0.5	<0.2
1068162	Soil	10	24	0.55	162	0.058	5	1.42	0.028	0.04	0.2	0.05	2.8	<0.1	0.08	4	<0.5	<0.2
REP 1068162	QC	10	24	0.55	166	0.058	4	1.41	0.027	0.04	0.2	0.06	2.8	<0.1	0.08	4	1.2	<0.2
1068150	Soil	12	30	0.68	206	0.097	2	2.29	0.024	0.07	0.2	0.02	4.8	<0.1	<0.05	6	1.0	<0.2
REP 1068150	QC	12	30	0.67	208	0.096	<1	2.36	0.024	0.07	0.2	0.03	5.1	0.1	<0.05	6	1.0	<0.2
1067583	Soil	16	29	0.55	260	0.056	2	1.69	0.021	0.06	0.2	0.09	3.7	0.1	0.05	4	<0.5	<0.2
REP 1067583	QC	17	30	0.58	264	0.059	2	1.64	0.023	0.06	0.2	0.08	3.7	<0.1	0.06	5	<0.5	<0.2
1067580	Soil	16	19	0.81	276	0.013	1	1.80	0.013	0.07	<0.1	0.04	3.0	<0.1	<0.05	5	<0.5	<0.2
REP 1067580	QC	16	19	0.80	274	0.012	<1	1.77	0.012	0.07	<0.1	0.04	3.2	<0.1	<0.05	5	<0.5	<0.2

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600-666 Burrard St.
Vancouver BC Canada

Project: CHA
Report Date: July 10, 2011

QUALITY CONTROL REPORT WHI11000326.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1068109	Soil	0.7	18.9	13.3	48	<0.1	17.6	7.9	315	1.99	6.4	0.6	2.0	3.1	23	0.2	0.5	0.1	50	0.18	0.019
REP 1068109	QC	0.7	17.8	12.7	46	<0.1	16.7	7.6	304	1.94	6.0	0.6	2.6	3.0	22	0.2	0.5	0.1	46	0.16	0.019
1069574	Soil	1.2	31.7	12.5	84	0.2	17.9	8.8	663	2.15	5.2	0.9	1.7	1.0	43	0.5	0.4	0.2	42	2.09	0.068
REP 1069574	QC	1.3	31.5	12.7	84	0.2	18.5	9.0	693	2.16	5.5	0.9	1.9	1.0	43	0.5	0.4	0.2	43	1.97	0.072
1068058	Soil	0.8	15.3	14.4	153	0.1	14.0	9.8	455	2.77	5.8	0.9	3.9	3.1	89	0.5	0.3	0.3	72	0.62	0.084
REP 1068058	QC	0.8	15.1	14.5	155	0.1	13.8	9.8	426	2.77	5.5	0.9	4.4	3.1	88	0.5	0.3	0.3	71	0.62	0.084
1068054	Soil	0.6	14.2	17.2	58	0.1	12.9	10.5	522	2.28	6.3	0.8	0.5	2.7	44	0.2	0.3	0.5	79	0.37	0.079
REP 1068054	QC	0.7	15.6	18.6	62	0.1	13.9	11.3	575	2.41	6.0	0.8	5.8	2.9	45	0.2	0.4	0.6	83	0.39	0.086
Reference Materials																					
STD DS8	Standard	12.8	113.4	121.9	332	1.9	36.9	7.4	629	2.48	28.5	2.9	121.3	7.1	66	2.4	5.9	6.6	40	0.70	0.086
STD DS8	Standard	12.2	112.0	122.1	324	1.9	38.1	7.6	643	2.52	28.5	2.9	105.7	7.1	65	2.4	5.7	6.5	41	0.68	0.080
STD DS8	Standard	11.5	104.7	120.9	306	1.9	35.5	6.7	590	2.32	25.2	2.7	111.0	6.4	60	2.4	6.1	6.6	39	0.62	0.079
STD DS8	Standard	11.6	105.7	122.7	315	1.9	37.4	7.3	600	2.39	26.8	2.6	105.2	6.3	62	2.2	5.9	7.0	40	0.63	0.082
STD DS8	Standard	13.4	110.3	123.9	312	1.8	38.3	7.8	645	2.58	28.2	3.0	133.5	7.4	67	2.5	6.1	6.8	45	0.73	0.088
STD DS8	Standard	13.9	109.3	125.8	329	1.8	39.3	7.9	677	2.48	28.2	3.0	114.3	7.1	69	2.6	6.1	6.5	43	0.74	0.089
STD DS8	Standard	13.1	110.4	133.7	354	1.9	39.6	8.0	634	2.59	27.7	3.0	108.1	7.0	70	2.6	6.4	7.1	43	0.70	0.084
STD DS8	Standard	13.8	112.9	124.7	345	1.9	39.5	7.8	653	2.59	28.7	3.0	107.9	7.2	71	2.5	6.7	7.0	45	0.74	0.086
STD DS8	Standard	13.0	109.4	134.2	317	1.9	41.1	7.7	610	2.44	26.8	3.0	113.3	7.6	73	2.3	6.2	7.6	42	0.68	0.082
STD DS8	Standard	12.8	106.8	138.2	315	1.9	38.0	7.6	601	2.49	26.9	3.0	113.1	7.6	74	2.4	6.1	7.7	43	0.70	0.080
STD DS8	Standard	13.6	113.4	127.4	352	1.8	41.8	7.6	647	2.62	27.2	3.1	115.6	7.5	72	2.5	6.3	7.0	42	0.71	0.084
STD DS8	Standard	13.5	107.0	129.6	326	1.8	38.5	7.4	614	2.43	26.0	2.9	104.0	7.4	72	2.6	5.9	6.9	41	0.67	0.080
STD DS8	Standard	13.0	108.0	131.6	298	1.6	37.2	7.2	603	2.37	25.0	2.9	124.4	6.8	69	2.4	5.7	6.9	42	0.65	0.078
STD DS8	Standard	14.2	104.2	133.0	296	1.7	37.9	7.5	606	2.38	24.6	3.0	103.9	7.0	73	2.3	6.0	6.9	44	0.64	0.078
STD DS8	Standard	12.0	99.4	116.8	286	1.7	35.5	7.7	560	2.26	22.5	2.5	102.5	6.2	54	2.2	5.0	6.2	40	0.61	0.077
STD DS8	Standard	12.6	107.0	118.6	310	1.7	38.6	7.9	586	2.31	24.1	2.5	107.7	6.3	59	2.2	5.1	6.3	42	0.62	0.082
STD DS8	Standard	11.7	115.2	125.4	320	1.8	38.2	7.8	594	2.46	26.7	2.6	102.7	6.1	58	2.4	6.2	6.6	42	0.61	0.087
STD DS8	Standard	14.3	121.7	128.7	337	2.0	41.1	8.4	683	2.71	29.4	2.9	110.8	6.8	72	2.8	6.7	7.1	48	0.76	0.086
STD DS8	Standard	13.4	112.9	125.8	326	1.8	37.8	7.6	632	2.44	25.8	3.1	119.4	7.6	71	2.4	6.0	6.9	43	0.71	0.080
STD DS8	Standard	12.7	114.0	129.2	334	1.7	39.1	7.6	635	2.46	25.6	2.9	114.4	7.2	72	2.2	5.6	6.8	43	0.67	0.077

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QUALITY CONTROL REPORT WHI11000326.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1068109	Soil	10	27	0.39	152	0.076	<1	1.41	0.011	0.03	<0.1	0.02	2.8	<0.1	<0.05	4	<0.5	<0.2
REP 1068109	QC	10	26	0.38	148	0.068	<1	1.30	0.010	0.03	0.1	0.02	2.5	<0.1	<0.05	4	<0.5	<0.2
1069574	Soil	10	22	0.84	285	0.046	3	1.49	0.022	0.07	<0.1	0.05	2.7	<0.1	0.13	4	0.5	<0.2
REP 1069574	QC	10	23	0.82	286	0.047	3	1.56	0.022	0.07	<0.1	0.05	2.8	<0.1	0.11	4	0.6	<0.2
1068058	Soil	11	27	0.73	191	0.075	1	2.61	0.020	0.14	0.2	0.06	4.0	0.1	<0.05	7	0.6	<0.2
REP 1068058	QC	10	26	0.75	185	0.076	<1	2.44	0.020	0.14	0.2	0.06	3.7	0.1	<0.05	8	<0.5	<0.2
1068054	Soil	11	25	0.49	188	0.089	<1	1.51	0.019	0.07	0.3	0.04	2.8	<0.1	<0.05	5	<0.5	<0.2
REP 1068054	QC	12	26	0.54	193	0.093	<1	1.54	0.019	0.08	0.2	0.06	3.0	<0.1	<0.05	5	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	14	117	0.65	281	0.110	2	0.95	0.096	0.43	2.9	0.22	2.3	5.2	0.12	5	4.9	4.9
STD DS8	Standard	14	112	0.60	276	0.111	2	0.95	0.091	0.43	3.1	0.22	2.1	5.5	0.09	5	5.6	5.2
STD DS8	Standard	12	109	0.57	252	0.099	2	0.82	0.071	0.40	3.0	0.20	1.5	5.4	0.10	4	5.4	4.5
STD DS8	Standard	12	112	0.59	237	0.099	3	0.85	0.077	0.42	2.9	0.20	1.8	5.5	0.13	4	5.7	5.6
STD DS8	Standard	16	115	0.67	296	0.125	3	0.99	0.097	0.43	3.4	0.22	2.0	5.6	0.13	5	5.8	5.2
STD DS8	Standard	15	118	0.64	292	0.115	3	0.96	0.098	0.47	3.1	0.21	2.1	5.5	0.14	5	5.3	5.3
STD DS8	Standard	15	122	0.64	292	0.120	4	0.96	0.095	0.43	3.2	0.21	1.8	5.8	0.17	5	5.4	5.5
STD DS8	Standard	15	127	0.65	297	0.128	3	0.95	0.091	0.45	3.2	0.20	1.9	5.5	0.15	5	5.9	5.3
STD DS8	Standard	15	117	0.62	288	0.120	3	0.90	0.091	0.42	2.9	0.20	2.0	5.2	0.13	5	5.4	5.5
STD DS8	Standard	15	116	0.62	300	0.120	3	0.91	0.087	0.41	3.0	0.22	1.9	5.4	0.13	4	5.2	5.1
STD DS8	Standard	15	122	0.63	284	0.128	3	0.99	0.102	0.43	2.9	0.20	2.2	5.7	0.17	5	6.1	5.4
STD DS8	Standard	14	118	0.60	270	0.116	2	0.91	0.081	0.41	3.0	0.20	2.0	5.7	0.15	5	5.7	5.3
STD DS8	Standard	14	113	0.62	287	0.127	3	0.91	0.091	0.41	2.8	0.19	1.9	5.1	0.11	4	5.7	4.6
STD DS8	Standard	14	114	0.60	287	0.123	3	0.89	0.088	0.38	2.8	0.19	1.9	5.2	0.09	4	5.2	4.7
STD DS8	Standard	12	107	0.55	243	0.099	3	0.80	0.078	0.39	2.7	0.18	1.8	4.9	0.13	4	4.7	5.0
STD DS8	Standard	13	113	0.59	249	0.103	3	0.85	0.087	0.39	3.1	0.20	1.9	5.1	0.15	4	5.4	5.2
STD DS8	Standard	12	113	0.55	264	0.106	3	0.79	0.085	0.39	3.0	0.20	1.7	5.2	0.17	5	5.5	4.8
STD DS8	Standard	15	124	0.65	306	0.132	3	0.97	0.100	0.47	3.3	0.19	2.3	5.4	0.20	5	6.1	5.0
STD DS8	Standard	15	124	0.62	278	0.118	2	0.99	0.090	0.43	3.2	0.19	1.9	5.5	0.17	5	5.6	5.5
STD DS8	Standard	14	121	0.62	286	0.117	3	0.96	0.087	0.43	3.1	0.21	1.9	5.5	0.19	5	5.5	5.7

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Project: CHA
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QUALITY CONTROL REPORT WHI11000326.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8	Standard	13.4	114.6	123.5	317	1.8	38.9	7.7	615	2.47	27.4	2.6	108.8	6.3	61	2.3	5.6	6.5	42	0.67	0.081
STD DS8	Standard	13.8	115.8	122.9	319	1.8	39.2	7.8	606	2.47	27.5	2.6	103.7	6.5	63	2.3	5.5	6.4	44	0.69	0.083
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Acme Analytical Laboratories (Vancouver) Ltd.
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Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: CHA
Report Date: July 10, 2011

QUALITY CONTROL REPORT WHI11000326.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	13	117	0.61	278	0.110	2	0.88	0.083	0.43	3.0	0.22	2.1	5.4	0.15	5	5.2	4.7
STD DS8	Standard	14	118	0.61	292	0.112	3	0.90	0.086	0.43	3.1	0.20	1.9	5.1	0.16	5	5.1	5.2
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

www.acmelab.com

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

Submitted By: Mike Skead
Receiving Lab: Canada-Whitehorse
Received: June 28, 2011
Report Date: July 12, 2011
Page: 1 of 6

CERTIFICATE OF ANALYSIS WHI11000327.1

CLIENT JOB INFORMATION

Project: CHA
Shipment ID: CHA2011-03
P.O. Number
Number of Samples: 148

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

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

ADDITIONAL COMMENTS

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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

Project: CHA
Report Date: July 12, 2011

CERTIFICATE OF ANALYSIS WHI11000327.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1039812	Soil		4.7	27.4	74.8	60	1.0	16.9	4.0	135	1.90	92.0	2.1	6.2	0.6	37	0.4	1.6	3.8	41	0.15	0.085
1039813	Soil		2.8	7.7	16.5	28	0.3	13.4	2.7	88	1.18	26.4	0.4	0.8	0.2	13	<0.1	0.4	0.5	28	0.08	0.041
1039811	Soil		2.5	21.8	51.4	83	0.5	17.6	8.4	328	2.90	126.7	0.8	3.7	2.2	38	0.4	1.7	2.1	60	0.19	0.074
1039801	Soil		1.0	52.1	26.6	97	0.4	13.6	6.8	390	2.92	16.0	0.8	9.7	4.1	31	0.4	0.5	4.3	61	0.42	0.104
1039805	Soil		0.5	5.4	6.3	25	0.1	3.0	3.1	76	1.29	1.5	0.2	<0.5	0.1	14	0.1	<0.1	0.1	29	0.11	0.027
1039808	Soil		1.3	20.3	14.5	62	0.2	10.5	30.8	717	5.39	54.6	0.6	7.9	1.2	124	0.2	0.4	0.6	118	0.94	0.106
1039802	Soil		2.9	137.3	40.6	84	0.7	10.0	9.6	346	3.20	19.2	1.1	34.3	2.7	23	0.3	0.5	34.2	56	0.26	0.104
1039820	Soil		1.6	11.6	14.0	50	<0.1	13.7	5.8	220	3.91	13.9	0.4	1.3	2.6	13	0.3	0.6	0.3	90	0.12	0.032
1039818	Soil		1.0	13.7	10.6	22	0.3	4.8	2.1	76	0.99	3.1	0.4	<0.5	1.1	12	0.2	0.3	0.2	25	0.06	0.019
1039822	Soil		1.7	44.5	25.3	86	<0.1	28.4	16.3	446	3.29	13.8	0.7	2.8	4.3	47	0.4	0.7	0.2	71	0.31	0.069
1039826	Soil		2.5	14.6	21.9	62	<0.1	13.7	6.6	244	3.19	22.6	0.4	0.8	2.5	14	0.4	0.6	1.5	75	0.11	0.037
1039807	Soil		1.1	16.3	12.0	69	<0.1	10.1	17.6	647	6.08	10.9	0.4	3.6	2.4	130	0.3	0.5	0.4	139	0.98	0.228
1039824	Soil		5.2	76.4	59.8	103	0.3	16.0	6.5	316	2.74	277.0	1.0	14.6	2.8	35	0.4	1.9	22.9	35	0.19	0.062
1039825	Soil		3.4	20.2	20.8	97	0.2	22.1	8.3	413	3.07	26.2	0.5	<0.5	2.0	19	0.6	0.7	1.6	69	0.17	0.057
1039823	Soil		1.8	26.0	20.6	77	0.1	20.1	9.4	277	3.14	16.7	0.8	2.3	3.2	24	0.2	0.7	0.4	71	0.16	0.031
1039819	Soil		1.6	61.5	21.9	100	0.3	9.4	4.1	192	2.53	9.0	0.5	2.2	0.5	13	0.3	0.5	0.3	52	0.10	0.053
1199252	Soil		1.0	17.1	7.9	49	<0.1	16.8	9.2	268	2.79	13.1	0.6	7.6	2.4	14	0.2	0.5	0.4	36	0.12	0.042
1199255	Soil		1.1	13.3	6.7	25	0.1	5.7	2.6	73	1.77	5.7	0.3	<0.5	1.8	8	0.1	0.5	0.3	49	0.05	0.026
1199253	Soil		1.2	19.1	11.0	54	<0.1	16.0	7.7	342	2.88	21.2	0.6	1.4	1.8	11	0.1	0.7	0.3	43	0.09	0.037
1199283	Soil		2.3	20.8	50.4	62	0.1	21.5	8.3	257	3.02	41.4	1.0	16.0	4.0	17	0.3	1.4	0.6	61	0.13	0.045
1199256	Soil		0.8	22.5	9.0	31	<0.1	9.0	6.8	168	2.93	30.4	0.7	1.4	3.7	12	<0.1	1.0	0.4	27	0.07	0.030
1199282	Soil		2.9	11.2	16.2	39	0.1	11.2	4.3	111	2.10	32.4	1.0	11.2	4.0	46	0.2	0.7	1.4	34	0.09	0.067
1199281	Soil		1.4	22.4	11.7	50	0.1	15.0	7.5	291	3.08	10.0	0.5	2.4	2.1	15	0.1	0.7	0.3	69	0.12	0.037
1199277	Soil		3.6	20.9	127.3	61	0.3	24.7	14.2	500	3.53	29.0	0.7	5.7	3.2	19	0.3	1.3	0.4	77	0.15	0.049
1199285	Soil		2.1	19.8	35.4	63	0.2	19.4	10.7	734	2.32	12.6	0.7	7.4	1.6	12	0.2	0.6	1.0	58	0.08	0.044
1199284	Soil		1.5	14.3	19.5	37	<0.1	13.8	5.2	131	1.77	12.7	0.6	8.0	1.4	12	0.1	0.7	0.3	46	0.07	0.039
1039804	Soil		1.0	34.2	23.1	53	0.2	15.5	23.3	1258	5.63	14.1	0.9	3.9	2.5	47	0.2	0.4	13.6	89	0.70	0.189
1039814	Soil		2.5	14.9	30.4	79	0.2	11.9	5.3	235	2.15	36.7	0.6	2.2	1.6	62	0.4	0.8	0.9	58	0.22	0.039
1039809	Soil		2.2	13.5	32.1	97	0.2	26.7	17.2	792	3.80	84.0	0.9	5.1	3.8	269	0.6	1.8	0.3	85	0.77	0.097
1039803	Soil		3.0	79.1	16.1	39	0.3	9.3	8.0	288	2.90	9.2	0.8	17.0	0.7	17	0.1	0.4	21.0	45	0.18	0.097

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

Project: CHA
Report Date: July 12, 2011

CERTIFICATE OF ANALYSIS WHI11000327.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1039812	Soil	8	30	0.23	368	0.026	2	1.35	0.010	0.13	0.1	0.06	1.5	0.2	0.14	5	<0.5	<0.2
1039813	Soil	4	24	0.16	98	0.038	<1	0.66	0.020	0.07	<0.1	0.03	0.8	0.1	0.10	4	<0.5	<0.2
1039811	Soil	9	29	0.39	280	0.074	2	1.71	0.016	0.15	0.2	0.03	2.4	0.3	0.09	6	<0.5	<0.2
1039801	Soil	35	22	0.76	152	0.026	<1	1.77	0.013	0.05	0.1	0.04	5.3	0.1	<0.05	7	<0.5	<0.2
1039805	Soil	3	7	0.15	31	0.047	1	0.50	0.019	0.03	<0.1	0.02	0.8	<0.1	0.06	3	<0.5	<0.2
1039808	Soil	16	16	1.38	303	0.193	<1	3.30	0.018	0.83	<0.1	0.07	7.4	0.7	0.11	10	0.5	0.4
1039802	Soil	34	20	0.52	119	0.024	2	1.74	0.009	0.06	0.2	0.06	4.4	0.2	<0.05	6	0.5	<0.2
1039820	Soil	11	30	0.37	90	0.093	<1	1.79	0.008	0.05	0.2	0.02	2.5	0.1	<0.05	9	<0.5	<0.2
1039818	Soil	6	11	0.11	88	0.037	<1	0.96	0.016	0.05	0.1	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2
1039822	Soil	13	37	0.73	238	0.101	3	2.76	0.016	0.11	0.3	0.02	4.7	0.1	<0.05	6	0.6	<0.2
1039826	Soil	9	28	0.29	104	0.067	<1	2.05	0.008	0.06	0.2	0.03	2.3	0.1	<0.05	9	<0.5	<0.2
1039807	Soil	17	16	1.49	265	0.241	1	3.22	0.023	1.03	<0.1	0.01	8.0	0.7	<0.05	10	<0.5	0.4
1039824	Soil	9	21	0.30	182	0.014	1	1.58	0.012	0.15	0.6	0.03	2.2	0.2	0.12	5	<0.5	<0.2
1039825	Soil	10	33	0.35	172	0.057	<1	1.98	0.009	0.09	0.2	0.06	2.4	0.1	<0.05	8	<0.5	<0.2
1039823	Soil	12	31	0.40	181	0.065	<1	2.45	0.010	0.07	0.3	0.04	3.1	0.1	<0.05	7	<0.5	<0.2
1039819	Soil	7	18	0.18	130	0.023	<1	1.83	0.011	0.06	0.1	0.04	1.6	0.2	<0.05	8	<0.5	<0.2
1199252	Soil	14	17	0.35	125	0.045	<1	1.40	0.010	0.11	0.2	0.03	2.9	0.1	0.05	4	<0.5	<0.2
1199255	Soil	9	11	0.12	99	0.055	<1	0.89	0.010	0.12	0.1	0.04	2.3	0.1	0.06	6	<0.5	<0.2
1199253	Soil	13	22	0.36	102	0.051	2	1.60	0.012	0.13	0.1	0.05	2.7	0.1	0.08	5	<0.5	<0.2
1199283	Soil	15	29	0.36	117	0.044	<1	1.77	0.008	0.09	0.2	0.06	3.0	0.2	<0.05	6	0.5	<0.2
1199256	Soil	12	12	0.18	147	0.014	<1	1.57	0.012	0.13	<0.1	0.02	1.7	0.2	0.07	4	0.7	<0.2
1199282	Soil	15	16	0.15	150	0.011	<1	1.15	0.040	0.09	<0.1	0.03	2.1	0.1	0.20	3	<0.5	0.5
1199281	Soil	11	25	0.36	106	0.080	1	1.49	0.008	0.12	1.4	0.05	3.2	0.1	0.06	8	0.7	<0.2
1199277	Soil	12	32	0.37	150	0.070	2	1.89	0.008	0.06	0.3	0.05	3.0	0.2	<0.05	7	<0.5	<0.2
1199285	Soil	15	26	0.25	94	0.032	<1	1.44	0.007	0.08	0.1	0.06	2.3	0.2	<0.05	5	0.6	0.4
1199284	Soil	11	21	0.19	99	0.034	2	1.09	0.010	0.06	0.1	0.04	1.6	0.1	<0.05	5	<0.5	<0.2
1039804	Soil	29	19	1.07	76	0.026	<1	2.40	0.016	0.10	<0.1	0.03	12.2	0.5	0.07	7	0.8	0.3
1039814	Soil	8	21	0.29	217	0.066	<1	1.49	0.013	0.11	0.1	0.03	2.2	0.2	<0.05	7	<0.5	<0.2
1039809	Soil	15	36	0.77	1553	0.110	<1	2.82	0.032	0.49	0.1	0.02	5.4	0.4	<0.05	8	<0.5	<0.2
1039803	Soil	29	17	0.33	125	0.011	<1	1.47	0.008	0.07	0.1	0.06	2.2	0.3	0.11	4	0.6	1.0

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

Project: CHA
Report Date: July 12, 2011

CERTIFICATE OF ANALYSIS WHI11000327.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1039815	Soil		1.9	27.6	30.4	95	0.2	18.3	7.1	188	2.53	23.1	1.5	6.7	1.4	39	0.6	0.7	0.6	53	0.26	0.055
1039806	Soil		0.9	20.0	24.7	69	<0.1	13.1	12.0	370	4.39	14.0	0.4	0.8	2.1	70	0.2	0.5	0.3	102	0.48	0.118
1199259	Soil		1.3	20.2	12.8	57	<0.1	17.6	7.8	287	3.75	17.2	0.6	1.5	3.3	13	0.2	0.9	0.3	68	0.12	0.030
1199267	Soil		0.9	20.6	13.6	70	0.1	13.8	9.2	495	3.32	9.8	0.7	6.3	3.0	15	0.3	0.5	0.2	56	0.17	0.046
1199291	Soil		1.0	9.1	12.1	30	<0.1	6.3	3.5	130	2.49	5.1	0.3	<0.5	1.7	9	0.2	0.4	0.2	56	0.06	0.029
1199276	Soil		1.1	16.6	11.0	61	<0.1	20.8	8.6	314	3.00	11.5	0.5	0.7	1.7	16	0.2	0.6	0.2	69	0.15	0.036
1199251	Soil		1.2	13.5	14.6	67	<0.1	15.6	8.4	410	3.47	10.9	0.4	1.3	2.7	12	0.4	0.6	0.2	59	0.12	0.038
1199278	Soil		3.6	6.3	9.1	9	<0.1	5.3	3.7	66	1.24	51.1	0.6	11.6	3.5	316	<0.1	1.9	0.4	20	0.09	0.051
1199269	Soil		0.9	33.5	11.4	60	<0.1	24.2	12.3	323	3.12	6.6	0.5	11.0	2.6	71	0.1	0.4	0.2	88	0.30	0.061
1199280	Soil		2.5	21.7	61.1	61	<0.1	30.7	17.4	736	3.21	48.0	0.9	10.4	2.0	17	0.3	1.8	0.3	65	0.15	0.067
1199273	Soil		0.6	22.8	10.7	55	<0.1	17.2	8.6	179	2.66	4.9	0.8	12.3	3.8	58	0.2	0.4	0.3	91	0.52	0.112
1199279	Soil		2.4	4.5	18.7	8	<0.1	4.8	1.2	30	0.83	30.2	0.6	9.6	3.1	129	0.1	2.8	0.2	14	0.08	0.030
1199274	Soil		0.8	19.4	11.5	54	0.1	20.2	9.6	251	3.11	8.8	0.7	7.3	3.1	34	0.1	0.5	0.4	86	0.28	0.072
1199270	Soil		0.8	26.7	9.4	58	<0.1	23.5	11.8	317	2.97	7.6	0.6	2.0	2.8	42	0.2	0.5	0.1	87	0.36	0.094
1199272	Soil		0.9	28.7	10.4	57	<0.1	20.2	12.6	384	3.30	7.6	0.7	1.9	3.1	73	0.1	0.5	0.1	104	0.35	0.078
1199271	Soil		0.9	24.5	9.8	52	<0.1	23.2	11.7	355	3.23	8.5	0.7	63.9	3.7	34	0.2	0.5	0.2	111	0.27	0.059
1199257	Soil		1.0	29.1	12.9	66	0.1	25.0	10.5	385	3.33	17.8	1.0	1.8	4.2	15	0.2	0.8	0.3	61	0.16	0.030
1199254	Soil		1.5	23.6	10.5	54	<0.1	15.9	5.2	237	3.37	13.7	0.6	1.2	2.0	14	0.3	0.6	0.4	46	0.08	0.045
1035158	Soil		0.9	22.0	10.7	55	<0.1	20.2	9.9	368	3.01	12.4	0.7	3.6	2.4	25	0.2	0.5	0.2	72	0.28	0.074
1038798	Soil		2.2	11.9	20.0	69	0.1	12.6	8.3	2021	3.12	8.4	0.4	<0.5	0.3	55	0.6	0.4	0.3	88	0.43	0.105
1038795	Soil		0.4	7.0	11.5	59	<0.1	11.5	5.9	410	5.21	12.6	0.3	24.9	1.7	87	0.3	0.3	0.1	109	0.83	0.184
1199260	Soil		1.3	16.3	15.0	59	<0.1	15.5	7.7	347	3.19	13.5	0.5	1.6	2.7	15	0.3	0.8	0.3	62	0.15	0.049
1038777	Soil		0.6	46.9	29.7	55	<0.1	28.7	13.2	419	3.48	4.8	1.2	0.9	6.1	181	0.2	0.3	0.2	102	0.92	0.140
1038800	Soil		0.9	17.9	29.1	69	<0.1	22.2	10.5	297	3.11	11.2	0.6	8.2	3.2	34	0.2	0.5	0.4	75	0.34	0.089
1199292	Soil		1.2	12.7	20.3	60	0.1	10.9	7.1	278	3.52	11.1	0.4	<0.5	2.1	16	0.4	0.6	0.3	64	0.13	0.041
1199263	Soil		0.7	18.6	11.3	59	<0.1	12.6	9.2	456	3.03	12.0	0.7	2.7	3.1	14	0.2	0.6	0.2	49	0.14	0.032
1038794	Soil		0.4	5.3	8.2	58	0.1	11.0	5.4	416	5.51	13.1	0.3	125.0	1.7	104	0.1	0.3	<0.1	115	0.93	0.210
1038797	Soil		0.9	16.9	25.1	65	<0.1	21.4	10.6	293	3.34	14.5	0.5	0.7	3.0	19	0.4	0.6	0.2	76	0.20	0.034
1199262	Soil		1.1	23.5	15.6	63	0.1	13.9	8.6	437	3.14	17.9	0.9	4.0	3.0	14	0.3	1.0	0.4	50	0.13	0.035
1199275	Soil		0.7	21.4	13.9	55	0.2	20.0	9.1	175	2.58	8.8	1.0	15.0	4.8	66	0.2	0.4	0.3	79	0.36	0.072

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Project: CHA
Report Date: July 12, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1039815	Soil	12	26	0.47	225	0.050	1	2.31	0.015	0.09	0.2	0.03	2.8	0.2	<0.05	6	<0.5	<0.2
1039806	Soil	12	22	0.96	134	0.160	<1	2.62	0.021	0.22	0.1	0.02	4.4	0.3	<0.05	8	<0.5	<0.2
1199259	Soil	11	31	0.46	121	0.059	1	1.84	0.008	0.09	0.1	0.03	3.4	0.1	<0.05	7	0.6	<0.2
1199267	Soil	12	23	0.73	167	0.102	<1	2.03	0.010	0.34	0.2	0.04	6.0	0.2	<0.05	7	<0.5	<0.2
1199291	Soil	8	14	0.17	106	0.055	<1	1.22	0.012	0.06	0.1	0.03	2.2	<0.1	<0.05	7	<0.5	<0.2
1199276	Soil	10	31	0.52	127	0.057	<1	1.98	0.009	0.08	0.1	0.03	2.8	0.1	<0.05	6	<0.5	<0.2
1199251	Soil	9	26	0.54	101	0.074	2	2.08	0.008	0.13	0.2	0.04	3.5	0.1	<0.05	7	<0.5	<0.2
1199278	Soil	12	9	0.05	325	0.001	<1	0.48	0.008	0.09	<0.1	0.06	1.6	0.2	0.11	2	<0.5	0.2
1199269	Soil	10	46	0.79	178	0.103	<1	2.01	0.017	0.14	0.2	0.04	2.8	<0.1	<0.05	6	<0.5	<0.2
1199280	Soil	12	28	0.42	137	0.044	<1	1.67	0.010	0.07	0.4	0.06	2.5	0.3	<0.05	6	<0.5	<0.2
1199273	Soil	15	39	0.73	171	0.090	2	1.74	0.024	0.11	0.2	0.04	3.7	<0.1	<0.05	6	<0.5	<0.2
1199279	Soil	12	8	0.04	168	0.001	<1	0.41	0.004	0.07	1.5	0.05	1.3	0.1	<0.05	2	<0.5	<0.2
1199274	Soil	13	37	0.60	153	0.076	1	1.90	0.015	0.09	0.2	0.04	3.4	<0.1	<0.05	6	<0.5	<0.2
1199270	Soil	11	45	0.70	159	0.085	<1	1.85	0.015	0.10	0.2	0.03	3.2	<0.1	<0.05	5	<0.5	<0.2
1199272	Soil	15	45	0.68	187	0.090	<1	2.34	0.018	0.13	0.1	0.02	3.8	<0.1	<0.05	7	<0.5	<0.2
1199271	Soil	14	47	0.72	201	0.122	<1	2.03	0.020	0.11	0.2	0.03	3.3	0.1	<0.05	6	<0.5	<0.2
1199257	Soil	15	35	0.57	138	0.070	2	2.31	0.011	0.15	0.1	0.05	4.3	0.1	<0.05	6	<0.5	<0.2
1199254	Soil	10	23	0.45	183	0.069	1	1.70	0.025	0.35	<0.1	0.03	4.0	0.2	0.20	6	<0.5	<0.2
1035158	Soil	14	32	0.63	218	0.068	<1	2.25	0.013	0.09	0.2	0.04	3.8	0.2	<0.05	6	<0.5	<0.2
1038798	Soil	8	21	0.50	193	0.051	<1	1.36	0.013	0.09	<0.1	0.08	2.3	0.1	<0.05	7	<0.5	<0.2
1038795	Soil	7	24	1.19	85	0.038	<1	2.36	0.015	0.05	0.1	0.02	4.9	<0.1	<0.05	8	<0.5	<0.2
1199260	Soil	11	26	0.43	154	0.054	<1	1.97	0.008	0.12	0.1	0.04	2.9	0.1	<0.05	7	<0.5	<0.2
1038777	Soil	21	62	1.33	207	0.114	<1	3.13	0.055	0.26	0.1	0.01	3.2	0.2	<0.05	8	<0.5	<0.2
1038800	Soil	13	32	0.73	167	0.086	2	2.62	0.014	0.09	0.2	0.03	4.3	0.1	<0.05	7	<0.5	<0.2
1199292	Soil	9	20	0.45	96	0.082	<1	1.67	0.009	0.12	0.2	0.04	3.6	0.1	<0.05	8	<0.5	<0.2
1199263	Soil	13	20	0.64	142	0.083	<1	1.86	0.008	0.26	0.2	0.03	4.2	0.2	<0.05	6	<0.5	<0.2
1038794	Soil	7	23	1.23	76	0.040	<1	2.35	0.016	0.04	0.1	0.02	4.7	<0.1	<0.05	9	<0.5	<0.2
1038797	Soil	10	30	0.75	121	0.082	<1	2.33	0.010	0.08	0.1	0.04	3.7	0.1	<0.05	6	<0.5	<0.2
1199262	Soil	15	23	0.56	142	0.062	<1	2.09	0.009	0.21	0.2	0.03	4.1	0.2	<0.05	7	0.6	<0.2
1199275	Soil	17	36	0.58	269	0.086	<1	1.66	0.018	0.12	0.2	0.04	4.6	0.1	<0.05	5	<0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1038781	Soil	1.2	38.8	30.2	65	0.2	21.7	10.9	446	2.86	8.7	1.4	9.3	2.3	82	0.3	0.4	0.4	69	0.38	0.083
1035159	Soil	0.9	8.6	8.6	36	<0.1	5.9	4.6	154	2.04	6.2	0.2	0.7	0.5	23	0.3	0.3	0.1	57	0.21	0.043
1199258	Soil	0.9	24.8	10.0	46	0.1	11.2	12.4	470	2.46	26.5	1.0	2.6	1.7	14	0.2	1.2	0.2	38	0.13	0.045
1199261	Soil	1.4	20.3	18.1	62	0.2	14.4	7.0	349	3.34	15.3	0.8	1.4	2.9	15	0.3	0.8	0.3	58	0.14	0.045
1038786	Soil	1.8	15.9	21.9	58	<0.1	15.1	6.0	294	2.96	13.6	0.6	0.9	0.8	16	0.8	0.6	0.3	69	0.15	0.062
1035160	Soil	1.0	14.5	17.9	49	0.1	17.9	9.3	432	2.98	8.8	0.5	3.5	1.8	71	<0.1	0.4	0.3	73	0.35	0.069
1038776	Soil	1.1	45.0	11.2	59	<0.1	21.9	13.1	395	3.10	7.2	1.1	7.9	3.7	67	0.3	0.4	0.4	96	0.45	0.112
1038779	Soil	0.7	29.4	22.9	56	<0.1	22.5	10.4	350	2.80	7.4	0.8	15.6	4.1	80	0.2	0.4	0.2	77	0.38	0.078
1035165	Soil	0.8	17.0	10.0	53	<0.1	20.4	10.2	280	3.05	57.5	1.0	12.4	4.4	27	<0.1	0.4	0.4	68	0.55	0.042
1035163	Soil	1.0	12.0	10.2	66	<0.1	14.0	11.6	823	3.71	8.1	0.3	8.0	0.9	37	0.2	0.4	0.2	103	0.72	0.094
1035161	Soil	1.3	8.9	14.7	68	<0.1	11.8	9.6	1672	5.80	6.5	0.4	23.9	1.6	57	0.1	0.4	0.1	144	0.88	0.148
1038782	Soil	0.6	26.5	17.6	58	<0.1	17.5	12.1	332	3.21	4.5	0.8	5.6	5.0	129	0.2	0.3	0.2	99	0.62	0.098
1035162	Soil	1.2	15.4	11.1	61	0.1	18.5	9.2	468	3.41	11.5	0.4	29.0	2.0	52	0.2	0.6	0.2	95	0.44	0.048
1035177	Soil	0.3	7.9	12.6	60	<0.1	5.7	6.6	993	3.83	6.9	0.2	22.9	1.1	50	0.1	0.2	0.2	95	0.99	0.173
1038785	Soil	0.9	37.4	13.4	48	0.1	20.3	9.8	181	2.87	5.9	1.1	3.7	3.1	47	<0.1	0.4	0.3	78	0.27	0.051
1038778	Soil	0.6	47.2	31.0	55	<0.1	26.7	12.5	406	3.14	4.1	1.4	3.2	6.2	167	0.2	0.4	0.2	92	0.82	0.128
1035164	Soil	1.1	11.7	12.2	38	<0.1	13.8	6.6	222	2.91	19.0	0.4	2.5	0.7	77	0.1	0.6	0.8	72	0.28	0.053
1038784	Soil	0.9	29.9	14.1	53	0.1	20.5	11.2	334	2.98	6.2	1.0	24.0	3.9	48	0.2	0.4	0.3	83	0.34	0.082
1035166	Soil	0.9	18.7	11.8	59	<0.1	19.5	8.1	442	3.84	33.8	0.4	2.0	2.6	38	<0.1	0.6	3.0	94	0.42	0.071
1038780	Soil	0.8	25.7	28.8	64	0.1	22.5	12.1	421	2.92	8.1	0.8	6.3	3.4	56	0.3	0.5	0.2	76	0.28	0.061
1067579	Soil	0.9	27.4	10.7	74	<0.1	16.9	11.5	2271	2.58	3.4	0.7	12.1	2.3	40	0.5	0.4	0.1	50	1.00	0.083
1067581	Soil	1.0	24.7	10.8	57	0.2	17.4	9.2	604	2.32	9.6	1.6	1.9	2.0	40	0.3	0.6	0.2	43	1.31	0.062
1067576	Soil	0.6	34.0	10.7	60	0.1	22.3	12.5	1476	2.28	4.0	0.7	0.7	0.8	58	0.2	0.5	<0.1	58	1.78	0.100
1067567	Soil	1.2	20.9	10.0	45	0.1	15.9	8.0	260	2.97	7.7	0.5	1.0	2.4	29	<0.1	0.4	0.2	79	0.41	0.032
1067569	Soil	0.8	52.6	7.4	100	<0.1	31.7	20.4	628	4.47	4.3	0.4	1.0	2.1	76	0.2	0.3	<0.1	140	0.44	0.058
1067568	Soil	0.9	59.1	5.1	82	<0.1	29.4	23.0	620	3.96	2.6	0.3	<0.5	1.4	51	<0.1	0.2	<0.1	108	0.51	0.102
1067578	Soil	0.3	28.0	8.9	68	<0.1	21.0	13.8	407	2.92	4.8	0.8	1.9	2.7	33	<0.1	0.3	0.1	71	0.64	0.076
1038787	Soil	4.0	16.0	14.1	38	<0.1	16.2	5.3	225	3.03	15.5	0.6	4.3	3.0	17	0.1	0.9	0.6	64	0.08	0.036
1038793	Soil	0.6	16.3	15.3	57	<0.1	18.0	8.4	262	2.92	8.1	0.7	2.4	2.9	95	0.2	0.5	0.3	66	0.61	0.125
1038799	Soil	6.9	10.9	22.5	54	<0.1	14.5	26.2	381	5.05	19.8	0.5	4.3	2.1	98	0.2	0.7	0.9	139	0.23	0.042

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

Project: CHA
Report Date: July 12, 2011

CERTIFICATE OF ANALYSIS WHI11000327.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1038781	Soil	16	29	0.79	226	0.090	1	2.35	0.026	0.11	0.2	0.05	3.4	0.2	<0.05	7	<0.5	<0.2
1035159	Soil	6	13	0.30	86	0.069	<1	0.97	0.019	0.05	<0.1	0.01	1.5	0.1	<0.05	6	<0.5	<0.2
1199258	Soil	12	17	0.31	131	0.039	<1	1.42	0.016	0.07	<0.1	0.03	2.7	0.2	<0.05	4	<0.5	<0.2
1199261	Soil	13	24	0.55	171	0.075	<1	2.01	0.009	0.21	0.2	0.04	3.9	0.2	<0.05	8	<0.5	<0.2
1038786	Soil	10	30	0.31	253	0.051	1	1.64	0.012	0.08	0.1	0.08	2.1	0.1	0.05	8	<0.5	<0.2
1035160	Soil	12	26	0.55	203	0.048	1	2.08	0.012	0.04	0.2	0.03	3.3	0.2	<0.05	7	<0.5	<0.2
1038776	Soil	15	42	0.77	170	0.108	<1	1.87	0.019	0.18	0.1	0.03	4.2	0.1	<0.05	6	<0.5	<0.2
1038779	Soil	16	36	0.69	214	0.094	<1	1.76	0.020	0.11	0.3	0.02	2.5	0.1	<0.05	5	<0.5	<0.2
1035165	Soil	20	32	0.60	285	0.051	1	2.29	0.014	0.08	0.1	0.03	5.5	0.2	<0.05	6	<0.5	<0.2
1035163	Soil	12	24	1.01	172	0.041	<1	2.57	0.011	0.08	0.1	0.05	5.2	0.2	<0.05	10	<0.5	<0.2
1035161	Soil	8	23	1.37	149	0.062	2	3.39	0.014	0.13	0.1	0.02	8.7	0.2	<0.05	11	<0.5	<0.2
1038782	Soil	16	30	0.91	128	0.104	1	2.18	0.036	0.17	0.2	0.01	3.2	0.1	<0.05	6	<0.5	<0.2
1035162	Soil	8	27	0.89	213	0.108	1	2.14	0.020	0.14	0.2	0.03	3.5	0.3	<0.05	7	<0.5	<0.2
1035177	Soil	15	14	1.56	164	0.018	<1	3.04	0.006	0.15	<0.1	0.04	6.9	0.3	<0.05	9	<0.5	<0.2
1038785	Soil	14	32	0.68	115	0.082	2	1.79	0.025	0.10	0.3	0.04	2.3	0.1	<0.05	5	<0.5	<0.2
1038778	Soil	19	55	1.20	202	0.106	2	2.81	0.042	0.23	0.1	<0.01	2.8	0.2	<0.05	7	<0.5	<0.2
1035164	Soil	9	22	0.42	186	0.055	2	1.96	0.010	0.07	0.1	0.05	2.1	<0.1	<0.05	6	<0.5	<0.2
1038784	Soil	13	35	0.70	173	0.095	1	1.69	0.021	0.12	0.3	0.03	2.4	<0.1	<0.05	5	<0.5	<0.2
1035166	Soil	10	30	1.02	148	0.094	2	2.49	0.012	0.08	0.1	0.01	4.7	0.2	<0.05	8	<0.5	<0.2
1038780	Soil	13	30	0.69	172	0.104	2	1.85	0.016	0.10	0.3	0.04	2.3	0.1	<0.05	5	0.6	<0.2
1067579	Soil	15	25	1.11	389	0.023	2	2.06	0.012	0.07	<0.1	0.07	4.3	<0.1	<0.05	6	<0.5	<0.2
1067581	Soil	11	21	0.63	251	0.011	1	1.52	0.011	0.06	<0.1	0.07	3.5	<0.1	<0.05	4	1.0	<0.2
1067576	Soil	7	33	1.15	319	0.038	4	1.75	0.015	0.07	<0.1	0.05	2.8	<0.1	0.07	5	<0.5	<0.2
1067567	Soil	11	28	0.59	170	0.071	1	2.30	0.011	0.06	0.1	0.02	2.9	0.1	<0.05	8	<0.5	<0.2
1067569	Soil	8	52	1.85	150	0.151	<1	3.31	0.008	0.06	0.3	0.02	5.4	<0.1	<0.05	8	<0.5	<0.2
1067568	Soil	6	62	2.49	177	0.109	1	3.00	0.007	0.11	0.1	0.02	5.0	<0.1	<0.05	8	<0.5	<0.2
1067578	Soil	11	33	1.33	266	0.034	1	2.28	0.010	0.08	0.1	0.04	4.1	<0.1	<0.05	6	<0.5	<0.2
1038787	Soil	15	28	0.28	249	0.038	2	1.36	0.011	0.09	0.3	0.04	2.0	0.1	0.06	5	0.5	<0.2
1038793	Soil	13	29	0.69	148	0.090	2	2.28	0.027	0.07	0.1	0.03	3.5	0.1	<0.05	6	<0.5	<0.2
1038799	Soil	10	26	0.65	168	0.116	<1	1.88	0.007	0.08	0.1	0.03	3.7	0.3	<0.05	11	<0.5	0.2

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Project: CHA
Report Date: July 12, 2011

CERTIFICATE OF ANALYSIS WHI11000327.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1038790	Soil	1.5	14.2	17.7	58	<0.1	17.1	7.4	334	3.44	13.6	0.7	3.1	2.4	16	0.2	0.7	0.4	72	0.13	0.048
1038789	Soil	1.9	13.1	18.3	43	0.1	12.7	5.2	165	3.96	8.1	0.8	10.8	2.5	149	<0.1	0.6	1.3	57	0.13	0.088
1038792	Soil	0.9	46.6	57.7	116	0.8	12.6	4.8	240	2.61	19.5	1.0	20.4	2.9	36	0.2	0.5	5.3	60	0.32	0.097
1038796	Soil	0.7	12.7	20.2	63	<0.1	16.4	9.5	344	4.33	10.8	0.6	2.6	2.0	54	0.1	0.6	0.2	98	0.47	0.113
1038791	Soil	1.4	17.8	16.7	33	0.4	8.0	4.0	141	2.42	8.8	0.6	8.2	<0.1	36	<0.1	0.5	6.0	56	0.10	0.143
1038788	Soil	3.8	15.2	14.1	39	<0.1	16.2	4.8	243	2.94	13.8	0.6	1.0	2.1	17	0.2	0.8	0.6	66	0.07	0.039
1068052	Soil	0.5	15.3	8.1	34	<0.1	7.5	5.0	175	1.82	3.5	0.5	<0.5	0.9	23	0.1	0.2	0.3	62	0.18	0.050
1068044	Soil	0.9	33.5	12.5	50	<0.1	28.2	12.3	296	3.11	3.2	1.2	1.6	6.9	32	0.2	0.2	0.1	105	0.38	0.114
1197390	Soil	1.2	50.7	13.4	88	0.3	50.2	26.4	1777	5.43	12.4	0.5	3.6	1.9	47	0.1	2.1	<0.1	64	1.13	0.109
1069846	Soil	1.4	19.4	8.4	86	0.2	6.1	8.0	688	4.17	30.0	0.6	9.3	2.4	29	<0.1	7.0	<0.1	19	0.53	0.154
1068053	Soil	0.7	45.8	25.1	66	0.2	10.6	9.1	402	2.74	6.0	0.9	3.0	3.2	63	0.3	0.3	1.7	96	0.40	0.090
1069847	Soil	1.6	18.2	8.0	91	0.1	10.9	8.9	857	4.24	26.9	0.5	7.4	2.4	25	<0.1	4.8	<0.1	25	0.48	0.133
1069850	Soil	4.1	45.4	22.1	78	<0.1	14.8	14.7	735	3.55	33.9	1.2	3.0	9.9	13	0.1	2.3	0.3	47	0.12	0.049
1197395	Soil	1.5	15.7	13.2	63	0.2	4.5	5.0	1391	3.44	5.0	0.5	17.5	3.4	23	0.1	0.8	<0.1	18	0.44	0.064
1068040	Soil	0.6	19.4	25.1	50	0.1	15.8	6.6	146	3.66	11.9	5.4	2.0	11.9	48	0.2	0.5	0.5	67	0.36	0.087
1069848	Soil	4.0	28.8	12.6	83	<0.1	10.2	8.8	236	3.21	8.8	0.6	4.3	5.9	12	<0.1	1.2	0.1	39	0.24	0.040
1069849	Soil	1.8	26.2	10.3	62	<0.1	16.3	12.3	681	3.29	11.4	0.6	4.1	3.9	8	0.2	1.2	0.1	44	0.11	0.041
1197392	Soil	0.5	66.9	2.9	70	<0.1	14.1	28.5	1710	5.78	<0.5	0.4	3.3	1.6	20	<0.1	0.5	<0.1	125	0.37	0.077
1068045	Soil	0.8	29.7	35.9	87	0.1	23.7	10.7	397	3.07	5.3	0.9	6.6	4.8	47	<0.1	0.4	0.2	97	0.47	0.098
1197393	Soil	0.4	64.4	2.7	68	<0.1	14.4	27.7	1611	5.71	0.5	0.4	5.7	1.7	18	<0.1	0.5	<0.1	129	0.37	0.074
1197394	Soil	2.2	53.5	12.9	99	<0.1	16.1	15.7	886	3.69	6.3	0.6	6.6	2.9	17	0.3	1.1	0.1	46	0.35	0.066
1197391	Soil	1.5	59.6	10.1	86	0.3	54.6	28.0	1938	5.52	13.0	0.5	3.6	1.8	40	0.2	2.3	<0.1	66	1.19	0.115
1069541	Soil	1.8	34.0	31.0	107	<0.1	24.4	14.3	903	4.21	3.9	1.7	3.1	12.5	16	0.3	0.7	0.5	45	0.34	0.035
1197387	Soil	0.8	24.8	10.0	67	0.1	25.2	10.1	479	2.37	8.2	0.5	3.7	1.3	34	0.5	0.6	0.1	49	2.57	0.067
1197389	Soil	0.7	33.9	12.9	67	0.1	28.7	10.9	380	2.53	8.1	0.4	8.2	2.3	32	0.3	0.8	0.1	54	2.57	0.064
1069549	Soil	0.6	6.8	5.3	57	<0.1	5.1	4.9	939	2.70	3.5	0.7	2.7	8.0	11	<0.1	0.3	<0.1	6	0.17	0.035
1069544	Soil	1.2	18.6	10.5	46	<0.1	19.0	9.9	246	3.35	11.5	0.6	3.9	4.8	11	0.1	0.5	0.2	60	0.12	0.035
1069542	Soil	11.7	16.8	8.8	34	0.1	9.3	3.9	261	1.52	2.9	1.3	20.4	8.1	14	<0.1	1.1	0.2	15	0.24	0.030
1069540	Soil	1.4	21.6	21.0	63	<0.1	23.1	11.0	445	3.04	8.8	0.9	2.8	5.0	19	<0.1	0.6	0.2	58	0.40	0.031
1069548	Soil	1.0	53.3	5.3	76	0.2	22.3	24.7	1209	5.45	10.6	0.3	6.3	2.1	25	<0.1	0.9	<0.1	136	0.49	0.098

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1038790	Soil	12	30	0.44	197	0.059	2	1.68	0.007	0.06	0.2	0.05	2.3	0.1	<0.05	7	<0.5	<0.2
1038789	Soil	11	18	0.45	304	0.028	<1	1.87	0.080	0.21	<0.1	0.02	2.5	0.3	0.50	5	0.7	0.4
1038792	Soil	29	22	0.71	131	0.030	1	1.89	0.011	0.04	0.1	0.04	3.9	0.2	<0.05	7	<0.5	0.4
1038796	Soil	11	27	1.02	135	0.100	2	2.52	0.016	0.07	0.2	0.03	4.6	0.2	<0.05	8	<0.5	<0.2
1038791	Soil	8	14	0.36	101	0.018	1	1.88	0.017	0.05	<0.1	0.12	0.7	0.2	0.14	5	<0.5	<0.2
1038788	Soil	14	28	0.24	257	0.041	2	1.30	0.009	0.09	0.2	0.06	1.7	0.1	<0.05	6	0.7	0.2
1068052	Soil	6	14	0.26	86	0.072	<1	1.09	0.025	0.05	0.1	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
1068044	Soil	18	63	0.92	183	0.252	1	1.39	0.013	0.48	0.2	0.02	3.1	0.2	<0.05	6	<0.5	<0.2
1197390	Soil	15	37	0.98	506	0.006	4	2.27	0.006	0.27	<0.1	0.06	17.2	0.1	<0.05	5	<0.5	<0.2
1069846	Soil	7	7	0.35	400	0.002	<1	1.46	0.008	0.11	<0.1	0.10	5.7	0.2	<0.05	2	<0.5	<0.2
1068053	Soil	13	25	0.60	189	0.116	2	1.85	0.018	0.15	0.6	0.05	3.3	0.1	<0.05	5	<0.5	<0.2
1069847	Soil	6	14	0.47	354	0.002	<1	1.73	0.008	0.09	<0.1	0.07	6.2	0.2	<0.05	3	<0.5	<0.2
1069850	Soil	33	15	0.36	384	0.014	<1	1.39	0.005	0.13	<0.1	0.02	4.6	0.1	<0.05	4	0.8	<0.2
1197395	Soil	22	7	0.54	486	0.002	<1	2.17	0.005	0.21	<0.1	0.03	5.7	<0.1	<0.05	4	<0.5	<0.2
1068040	Soil	19	25	0.44	175	0.070	2	1.66	0.013	0.08	0.2	0.04	3.1	0.1	<0.05	6	<0.5	<0.2
1069848	Soil	17	13	0.56	206	0.002	<1	1.83	0.007	0.05	<0.1	<0.01	4.5	<0.1	<0.05	4	<0.5	<0.2
1069849	Soil	14	18	0.36	224	0.015	<1	1.42	0.008	0.06	<0.1	<0.01	4.2	<0.1	<0.05	4	0.6	0.2
1197392	Soil	10	22	1.93	1752	0.046	<1	2.95	0.010	0.40	<0.1	<0.01	15.6	0.1	<0.05	8	<0.5	<0.2
1068045	Soil	14	49	0.79	205	0.155	1	2.00	0.018	0.29	0.2	0.03	3.5	0.2	<0.05	6	<0.5	<0.2
1197393	Soil	9	22	2.04	1332	0.040	<1	3.14	0.008	0.35	<0.1	0.02	14.9	0.2	<0.05	8	<0.5	<0.2
1197394	Soil	8	16	0.40	647	0.006	1	1.29	0.007	0.12	<0.1	0.04	9.3	<0.1	<0.05	3	<0.5	<0.2
1197391	Soil	14	39	1.02	494	0.005	3	2.31	0.006	0.23	<0.1	0.06	17.4	0.1	<0.05	5	<0.5	<0.2
1069541	Soil	31	45	0.82	389	0.036	1	1.98	0.010	0.15	0.2	<0.01	5.9	0.1	<0.05	6	<0.5	<0.2
1197387	Soil	11	26	1.01	179	0.038	1	1.37	0.023	0.05	0.2	0.06	2.5	<0.1	0.09	4	<0.5	<0.2
1197389	Soil	13	30	0.92	343	0.042	2	1.40	0.019	0.06	0.2	0.07	3.2	<0.1	0.10	4	<0.5	<0.2
1069549	Soil	23	5	0.43	253	<0.001	<1	1.46	0.004	0.09	<0.1	<0.01	2.2	<0.1	<0.05	3	<0.5	<0.2
1069544	Soil	14	30	0.46	180	0.038	2	2.49	0.009	0.07	0.1	0.04	3.3	0.1	<0.05	6	<0.5	<0.2
1069542	Soil	33	12	0.18	300	0.006	<1	0.84	0.005	0.12	0.2	0.01	2.1	<0.1	<0.05	2	<0.5	<0.2
1069540	Soil	15	29	0.57	335	0.030	<1	2.14	0.012	0.08	0.2	0.03	3.6	0.1	<0.05	5	<0.5	<0.2
1069548	Soil	9	26	1.08	728	0.067	<1	2.57	0.021	0.16	<0.1	0.04	15.4	0.1	<0.05	8	0.6	<0.2

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

Project: CHA
Report Date: July 12, 2011

CERTIFICATE OF ANALYSIS WHI11000327.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1069543	Soil	1.6	53.2	26.9	76	<0.1	7.7	16.3	1283	3.60	9.5	3.1	6.8	17.9	11	<0.1	17.1	0.3	18	0.20	0.089
1197388	Soil	0.5	30.1	11.4	65	0.1	28.0	11.4	541	2.81	10.4	0.5	6.5	2.8	34	0.3	0.7	0.1	54	2.28	0.059
1069539	Soil	0.9	15.1	13.9	57	<0.1	10.4	8.7	566	2.15	6.1	0.5	3.2	1.5	33	0.2	0.4	0.2	36	1.32	0.056
1069550	Soil	1.2	25.9	7.4	64	0.1	18.6	18.1	630	4.46	6.0	0.6	3.1	3.4	15	0.1	0.8	0.1	90	0.18	0.038
1069545	Soil	1.0	11.5	8.9	33	<0.1	11.6	7.2	310	2.12	7.7	0.6	22.7	4.9	13	0.1	0.5	0.2	34	0.13	0.024
1069538	Soil	0.6	23.0	11.2	56	0.1	21.1	10.5	347	2.54	8.4	0.9	3.5	2.6	30	0.2	0.6	0.1	51	1.13	0.057
1069536	Soil	0.4	23.2	9.9	54	0.1	20.8	11.5	722	2.08	7.1	1.3	7.6	1.8	34	0.3	0.7	0.1	46	1.49	0.062
1069840	Soil	0.6	42.4	2.9	87	<0.1	14.1	23.7	1500	6.46	2.4	0.6	3.5	1.2	30	<0.1	1.5	<0.1	161	0.84	0.231
1069842	Soil	1.3	60.2	12.1	62	0.3	22.5	26.9	1652	4.91	2.1	0.3	6.7	1.4	24	0.2	6.6	<0.1	106	0.55	0.101
1069841	Soil	0.4	64.4	2.4	84	<0.1	17.5	27.8	966	6.71	2.1	0.2	<0.5	0.8	19	<0.1	1.0	<0.1	175	0.45	0.059
1068005	Soil	1.0	12.6	81.7	63	0.1	18.0	7.6	276	1.84	6.6	0.6	9.8	2.9	44	0.3	0.8	<0.1	44	0.33	0.037
1068004	Soil	0.8	19.1	235.4	127	0.3	14.3	6.7	528	2.04	7.7	1.0	3.4	1.4	65	0.5	0.7	0.2	53	0.53	0.078
1069844	Soil	1.5	31.9	10.0	60	0.3	19.5	12.6	615	4.09	6.2	0.7	4.9	1.6	24	0.1	7.8	0.2	82	0.41	0.055
1069547	Soil	0.9	17.1	11.0	126	0.7	35.9	28.0	2821	6.72	8.4	0.6	10.7	1.6	21	0.2	0.7	0.2	122	0.56	0.099
1068003	Soil	0.9	13.7	36.6	53	0.2	15.1	6.3	313	1.89	7.6	1.0	2.8	1.2	59	0.2	0.5	0.2	44	0.42	0.060
1068006	Soil	1.3	13.5	34.2	55	0.3	14.3	5.0	207	1.75	5.9	0.9	6.6	0.5	38	0.5	0.5	0.1	42	0.29	0.075
1069843	Soil	1.2	97.2	11.3	103	0.1	22.2	29.8	1640	5.49	6.2	0.3	17.2	1.9	31	0.2	34.6	<0.1	122	0.37	0.062
1069546	Soil	1.1	20.6	9.7	48	<0.1	21.1	10.8	308	3.03	10.5	0.7	8.1	5.2	12	<0.1	0.6	0.2	58	0.11	0.030
1068007	Soil	0.6	28.3	48.7	262	0.2	19.8	8.4	482	2.30	11.3	0.8	4.1	2.9	30	1.7	0.6	0.3	49	0.28	0.057
1068008	Soil	1.4	27.2	38.7	150	<0.1	23.1	11.4	796	2.27	10.4	1.0	3.6	3.5	28	1.4	0.5	0.3	48	0.28	0.044
1069845	Soil	0.7	67.7	7.8	68	0.4	30.6	26.1	1279	5.66	9.2	0.4	9.4	1.6	25	0.1	8.5	<0.1	90	0.53	0.081
1069537	Soil	0.6	20.8	11.3	51	<0.1	18.7	8.7	435	2.03	7.3	0.6	2.8	2.5	36	0.3	0.6	0.2	41	1.32	0.055
1068011	Soil	0.5	122.6	177.3	522	0.7	11.9	5.9	216	1.44	40.0	0.6	4.4	2.7	49	2.4	1.1	1.2	31	0.32	0.025
1068009	Soil	0.8	17.5	30.1	137	<0.1	20.0	6.8	408	1.99	8.0	0.6	1.6	2.7	27	1.0	0.4	0.4	46	0.22	0.040
1039810	Soil	1.8	17.7	21.3	72	0.2	15.8	11.5	352	2.98	30.8	0.8	4.1	1.4	109	0.4	1.3	0.4	73	0.44	0.096
1039816	Soil	6.0	53.0	57.8	61	0.2	7.2	5.6	818	2.56	9.0	2.2	2.1	29.2	251	0.2	0.6	1.7	48	1.29	0.131
1039817	Soil	1.6	25.0	30.4	84	0.1	14.0	13.0	455	5.91	7.8	0.5	3.7	2.7	101	0.2	0.5	0.3	136	0.21	0.063
1039821	Soil	2.0	40.5	28.8	82	<0.1	26.5	15.0	458	3.12	12.4	0.7	3.9	4.5	47	0.4	0.7	0.2	72	0.26	0.058

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1069543	Soil	35	12	0.24	259	0.005	<1	1.21	0.005	0.17	0.1	<0.01	2.2	0.1	<0.05	3	<0.5	<0.2
1197388	Soil	13	28	0.95	299	0.041	2	1.42	0.019	0.06	0.2	0.06	3.4	<0.1	0.08	4	0.5	<0.2
1069539	Soil	10	16	0.44	235	0.022	<1	1.27	0.013	0.05	0.1	0.04	2.0	<0.1	0.11	4	<0.5	<0.2
1069550	Soil	14	23	0.71	488	0.021	<1	2.64	0.010	0.09	<0.1	0.02	7.8	0.1	<0.05	7	0.7	<0.2
1069545	Soil	18	18	0.29	170	0.023	<1	1.23	0.008	0.06	<0.1	0.03	1.8	<0.1	<0.05	3	<0.5	<0.2
1069538	Soil	13	26	0.46	342	0.026	2	1.51	0.018	0.06	<0.1	0.03	3.4	<0.1	0.05	4	0.5	<0.2
1069536	Soil	11	23	0.45	365	0.030	3	1.31	0.017	0.04	0.1	0.05	2.7	<0.1	0.10	3	0.7	<0.2
1069840	Soil	6	14	1.83	474	0.039	<1	3.43	0.012	0.10	0.1	0.02	18.8	<0.1	<0.05	11	0.6	<0.2
1069842	Soil	10	47	1.65	724	0.044	<1	2.50	0.012	0.32	<0.1	0.04	13.4	0.1	<0.05	6	0.7	<0.2
1069841	Soil	8	25	2.58	422	0.037	<1	4.35	0.008	0.14	<0.1	<0.01	12.6	0.1	<0.05	11	<0.5	<0.2
1068005	Soil	8	24	0.42	130	0.049	2	1.63	0.016	0.07	0.2	0.03	2.1	<0.1	<0.05	4	<0.5	<0.2
1068004	Soil	11	23	0.42	184	0.027	<1	2.31	0.018	0.08	0.1	0.08	2.4	<0.1	<0.05	6	<0.5	<0.2
1069844	Soil	11	27	0.74	478	0.033	<1	2.15	0.010	0.07	0.1	0.04	5.6	0.1	<0.05	7	<0.5	<0.2
1069547	Soil	10	48	1.50	361	0.021	1	2.82	0.011	0.10	0.1	0.05	16.3	<0.1	<0.05	9	0.9	<0.2
1068003	Soil	11	26	0.42	210	0.034	2	1.90	0.015	0.08	0.1	0.05	1.8	0.1	<0.05	6	<0.5	<0.2
1068006	Soil	7	22	0.33	157	0.033	1	1.60	0.012	0.06	0.1	0.09	1.5	<0.1	0.09	5	<0.5	<0.2
1069843	Soil	9	21	1.62	1410	0.144	<1	2.67	0.013	0.41	<0.1	0.08	7.5	0.2	<0.05	8	0.7	<0.2
1069546	Soil	12	32	0.38	255	0.021	<1	2.73	0.009	0.07	0.1	0.03	3.2	<0.1	<0.05	5	<0.5	<0.2
1068007	Soil	11	26	0.46	160	0.051	1	1.67	0.013	0.05	0.3	0.03	2.4	<0.1	<0.05	4	<0.5	<0.2
1068008	Soil	11	33	0.49	200	0.050	1	1.97	0.012	0.06	0.2	0.04	3.1	<0.1	<0.05	5	<0.5	<0.2
1069845	Soil	11	31	1.60	386	0.015	<1	2.55	0.009	0.17	<0.1	0.10	15.8	0.1	<0.05	6	<0.5	<0.2
1069537	Soil	12	22	0.40	324	0.028	1	1.20	0.014	0.06	0.2	0.04	2.5	<0.1	<0.05	3	0.6	<0.2
1068011	Soil	10	18	0.35	120	0.047	<1	1.21	0.015	0.05	<0.1	<0.01	2.0	<0.1	<0.05	3	<0.5	<0.2
1068009	Soil	9	28	0.46	179	0.059	1	1.71	0.010	0.06	0.2	0.02	2.4	<0.1	<0.05	4	0.5	<0.2
1039810	Soil	11	26	0.66	454	0.108	<1	2.10	0.022	0.29	<0.1	0.04	3.5	0.4	0.05	7	0.7	<0.2
1039816	Soil	30	11	0.77	207	0.005	<1	2.75	0.019	0.05	<0.1	<0.01	2.9	0.1	<0.05	8	<0.5	<0.2
1039817	Soil	8	25	0.99	237	0.256	<1	2.44	0.015	0.31	<0.1	0.02	7.3	0.3	<0.05	13	0.7	<0.2
1039821	Soil	12	34	0.70	213	0.095	2	2.36	0.012	0.08	0.2	0.01	4.1	0.1	<0.05	6	<0.5	<0.2

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Project: CHA
Report Date: July 12, 2011

QUALITY CONTROL REPORT WHI11000327.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1039822	Soil	1.7	44.5	25.3	86	<0.1	28.4	16.3	446	3.29	13.8	0.7	2.8	4.3	47	0.4	0.7	0.2	71	0.31	0.069
REP 1039822	QC	1.8	43.3	24.6	79	<0.1	27.7	15.7	444	3.17	13.8	0.7	3.3	4.3	47	0.4	0.7	0.2	71	0.31	0.072
1199259	Soil	1.3	20.2	12.8	57	<0.1	17.6	7.8	287	3.75	17.2	0.6	1.5	3.3	13	0.2	0.9	0.3	68	0.12	0.030
REP 1199259	QC	1.3	19.1	13.1	56	<0.1	16.6	8.0	270	3.70	16.9	0.5	2.3	3.2	13	0.2	1.0	0.3	67	0.12	0.030
1199251	Soil	1.2	13.5	14.6	67	<0.1	15.6	8.4	410	3.47	10.9	0.4	1.3	2.7	12	0.4	0.6	0.2	59	0.12	0.038
REP 1199251	QC	1.2	13.5	14.3	69	<0.1	15.8	8.7	425	3.51	11.4	0.4	<0.5	2.8	12	0.4	0.6	0.2	60	0.13	0.038
1199258	Soil	0.9	24.8	10.0	46	0.1	11.2	12.4	470	2.46	26.5	1.0	2.6	1.7	14	0.2	1.2	0.2	38	0.13	0.045
REP 1199258	QC	0.9	25.0	10.4	48	0.1	10.5	12.1	463	2.39	27.1	1.0	1.4	1.8	14	0.2	1.2	0.2	37	0.13	0.046
1035164	Soil	1.1	11.7	12.2	38	<0.1	13.8	6.6	222	2.91	19.0	0.4	2.5	0.7	77	0.1	0.6	0.8	72	0.28	0.053
REP 1035164	QC	1.1	12.3	12.1	38	0.1	13.7	7.1	224	2.88	19.7	0.4	2.9	0.7	79	0.2	0.6	0.7	73	0.26	0.051
1038792	Soil	0.9	46.6	57.7	116	0.8	12.6	4.8	240	2.61	19.5	1.0	20.4	2.9	36	0.2	0.5	5.3	60	0.32	0.097
REP 1038792	QC	1.0	46.1	59.5	114	0.8	12.5	4.6	233	2.61	19.4	1.0	6.2	2.8	37	0.2	0.6	5.2	59	0.30	0.095
1197393	Soil	0.4	64.4	2.7	68	<0.1	14.4	27.7	1611	5.71	0.5	0.4	5.7	1.7	18	<0.1	0.5	<0.1	129	0.37	0.074
REP 1197393	QC	0.5	64.3	3.0	70	<0.1	14.7	28.0	1553	5.81	0.6	0.4	5.6	1.6	19	<0.1	0.4	<0.1	131	0.37	0.077
1069538	Soil	0.6	23.0	11.2	56	0.1	21.1	10.5	347	2.54	8.4	0.9	3.5	2.6	30	0.2	0.6	0.1	51	1.13	0.057
REP 1069538	QC	0.6	21.5	11.0	53	0.1	20.9	10.0	339	2.43	8.3	0.9	3.6	2.5	30	0.3	0.5	0.1	48	1.10	0.053
Reference Materials																					
STD DS8	Standard	14.3	106.7	124.5	315	1.8	38.7	7.7	655	2.58	28.8	2.7	122.0	6.9	71	2.7	5.7	6.4	45	0.75	0.086
STD DS8	Standard	14.1	107.7	123.1	296	1.7	35.7	7.5	602	2.43	27.6	2.7	124.3	6.8	67	2.5	5.5	6.3	42	0.71	0.081
STD DS8	Standard	13.9	110.1	124.1	319	1.8	38.2	7.7	623	2.49	28.6	2.8	114.2	7.0	70	2.4	5.9	6.4	41	0.74	0.083
STD DS8	Standard	13.7	111.4	124.5	315	1.8	38.6	7.9	623	2.51	29.3	2.7	109.5	7.1	70	2.4	5.8	6.4	42	0.73	0.084
STD DS8	Standard	14.8	118.8	130.4	330	1.8	40.7	8.0	618	2.48	26.3	2.9	120.0	7.0	64	2.1	5.8	6.1	45	0.71	0.084
STD DS8	Standard	13.8	115.4	126.9	319	1.7	42.9	8.0	629	2.60	25.9	2.7	106.2	6.5	60	2.6	5.6	6.0	43	0.70	0.088
STD DS8	Standard	12.6	107.4	127.7	315	1.8	36.6	7.2	590	2.43	25.9	2.9	105.3	7.1	70	2.2	5.9	7.0	41	0.69	0.081
STD DS8	Standard	12.4	108.5	126.3	315	1.7	36.9	7.3	604	2.42	25.3	3.0	118.2	7.2	68	2.1	5.6	6.9	40	0.66	0.078
STD DS8	Standard	12.4	108.5	129.0	306	1.8	38.8	7.4	590	2.36	25.0	2.9	101.2	7.0	67	2.5	5.6	7.3	41	0.63	0.081
STD DS8	Standard	13.1	108.2	132.8	311	1.7	38.6	7.4	598	2.40	25.7	2.9	99.3	7.1	69	2.5	5.8	7.5	43	0.67	0.081
STD DS8	Standard	13.6	113.4	127.4	352	1.8	41.8	7.6	647	2.62	27.2	3.1	115.6	7.5	72	2.5	6.3	7.0	42	0.71	0.084

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1039822	Soil	13	37	0.73	238	0.101	3	2.76	0.016	0.11	0.3	0.02	4.7	0.1	<0.05	6	0.6	<0.2
REP 1039822	QC	13	36	0.73	235	0.106	2	2.58	0.015	0.11	0.2	0.02	4.7	0.1	<0.05	6	0.6	<0.2
1199259	Soil	11	31	0.46	121	0.059	1	1.84	0.008	0.09	0.1	0.03	3.4	0.1	<0.05	7	0.6	<0.2
REP 1199259	QC	10	30	0.46	116	0.059	1	1.81	0.008	0.10	0.1	0.03	3.4	0.1	<0.05	7	<0.5	<0.2
1199251	Soil	9	26	0.54	101	0.074	2	2.08	0.008	0.13	0.2	0.04	3.5	0.1	<0.05	7	<0.5	<0.2
REP 1199251	QC	9	27	0.54	102	0.079	1	1.99	0.008	0.13	0.2	0.04	3.6	0.1	<0.05	7	<0.5	<0.2
1199258	Soil	12	17	0.31	131	0.039	<1	1.42	0.016	0.07	<0.1	0.03	2.7	0.2	<0.05	4	<0.5	<0.2
REP 1199258	QC	13	17	0.31	131	0.039	<1	1.37	0.017	0.07	<0.1	0.04	2.8	0.2	<0.05	5	<0.5	<0.2
1035164	Soil	9	22	0.42	186	0.055	2	1.96	0.010	0.07	0.1	0.05	2.1	<0.1	<0.05	6	<0.5	<0.2
REP 1035164	QC	9	23	0.43	191	0.057	1	2.02	0.011	0.07	0.2	0.05	2.1	0.1	<0.05	6	<0.5	<0.2
1038792	Soil	29	22	0.71	131	0.030	1	1.89	0.011	0.04	0.1	0.04	3.9	0.2	<0.05	7	<0.5	0.4
REP 1038792	QC	28	21	0.70	129	0.030	<1	1.87	0.012	0.04	0.1	0.03	3.9	0.2	<0.05	7	<0.5	0.4
1197393	Soil	9	22	2.04	1332	0.040	<1	3.14	0.008	0.35	<0.1	0.02	14.9	0.2	<0.05	8	<0.5	<0.2
REP 1197393	QC	9	22	2.06	1395	0.042	<1	3.11	0.008	0.36	<0.1	<0.01	15.0	0.1	<0.05	9	<0.5	<0.2
1069538	Soil	13	26	0.46	342	0.026	2	1.51	0.018	0.06	<0.1	0.03	3.4	<0.1	0.05	4	0.5	<0.2
REP 1069538	QC	13	24	0.45	329	0.022	2	1.48	0.017	0.06	0.1	0.04	3.3	<0.1	0.08	4	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	16	122	0.63	303	0.119	1	0.93	0.096	0.44	2.9	0.20	2.4	5.4	0.16	5	5.5	5.2
STD DS8	Standard	17	113	0.60	285	0.118	2	0.93	0.092	0.43	2.9	0.18	2.2	5.3	0.15	5	4.8	5.0
STD DS8	Standard	17	118	0.64	310	0.122	3	0.97	0.099	0.46	3.2	0.22	2.3	5.4	0.16	5	5.3	5.2
STD DS8	Standard	17	119	0.64	301	0.121	2	0.98	0.099	0.45	3.0	0.21	2.3	5.5	0.15	5	4.8	4.6
STD DS8	Standard	16	123	0.64	282	0.129	4	0.95	0.094	0.44	3.1	0.22	2.2	5.7	0.18	5	6.1	4.8
STD DS8	Standard	13	121	0.64	266	0.119	4	0.96	0.092	0.42	2.9	0.21	1.8	5.2	0.14	5	4.7	4.7
STD DS8	Standard	15	112	0.61	276	0.121	3	0.92	0.088	0.42	3.0	0.22	2.0	5.2	0.13	5	3.9	5.2
STD DS8	Standard	15	113	0.61	267	0.111	3	0.88	0.083	0.41	2.9	0.21	1.9	5.2	0.13	4	4.9	6.2
STD DS8	Standard	13	115	0.61	262	0.114	3	0.89	0.085	0.40	3.1	0.19	1.8	4.9	0.15	4	5.6	5.2
STD DS8	Standard	14	116	0.62	276	0.119	3	0.91	0.085	0.40	3.1	0.19	1.9	5.3	0.16	4	4.9	5.3
STD DS8	Standard	15	122	0.63	284	0.128	3	0.99	0.102	0.43	2.9	0.20	2.2	5.7	0.17	5	6.1	5.4

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

Project: CHA
Report Date: July 12, 2011

QUALITY CONTROL REPORT WHI11000327.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8	Standard	13.5	107.0	129.6	326	1.8	38.5	7.4	614	2.43	26.0	2.9	104.0	7.4	72	2.6	5.9	6.9	41	0.67	0.080
STD DS8	Standard	12.1	99.9	130.2	296	1.7	36.4	7.0	593	2.29	24.8	2.7	113.9	7.2	63	2.1	5.0	6.1	39	0.62	0.072
STD DS8	Standard	13.2	106.0	136.4	311	1.8	37.1	7.1	623	2.37	25.1	2.8	131.7	6.9	64	2.2	4.9	6.3	40	0.65	0.075
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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

Project: CHA
Report Date: July 12, 2011

QUALITY CONTROL REPORT WHI11000327.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	14	118	0.60	270	0.116	2	0.91	0.081	0.41	3.0	0.20	2.0	5.7	0.15	5	5.7	5.3
STD DS8	Standard	14	111	0.57	260	0.105	2	0.83	0.081	0.38	3.1	0.17	1.9	5.4	0.11	5	4.9	4.8
STD DS8	Standard	14	116	0.59	264	0.108	3	0.92	0.081	0.39	2.9	0.20	1.9	5.6	0.18	5	4.5	4.6
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

Submitted By: Mike Skead
Receiving Lab: Canada-Whitehorse
Received: June 30, 2011
Report Date: July 14, 2011
Page: 1 of 7

CERTIFICATE OF ANALYSIS WHI11000374.1

CLIENT JOB INFORMATION

Project: CHA
Shipment ID: CHA2011-03
P.O. Number
Number of Samples: 160

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	160	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	160	Dry at 60C			WHI
1DX2	160	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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

Project: CHA
Report Date: July 14, 2011

CERTIFICATE OF ANALYSIS WHI11000374.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1042550	Soil	1.4	14.7	21.5	52	<0.1	20.5	6.6	361	2.58	7.3	0.6	0.9	2.6	52	0.1	0.4	0.1	59	0.26	0.022
1199287	Soil	1.4	10.6	14.7	62	<0.1	14.2	7.3	337	3.32	8.1	0.5	1.0	5.6	39	0.1	0.5	0.1	61	0.09	0.028
1042545	Soil	0.5	9.8	16.6	35	<0.1	10.6	4.1	271	1.39	3.5	0.5	2.1	2.2	102	<0.1	0.3	<0.1	32	0.18	0.013
1199299	Soil	0.8	12.5	23.5	45	0.2	15.1	5.0	494	1.67	3.9	1.4	1.4	1.5	109	0.1	0.3	0.1	33	0.89	0.058
1039839	Soil	1.1	11.2	3.7	89	<0.1	130.5	41.9	632	5.12	1.1	0.3	<0.5	1.9	22	<0.1	<0.1	<0.1	78	0.34	0.063
1039840	Soil	1.7	79.0	30.9	242	<0.1	15.2	11.8	599	5.10	4.4	0.9	<0.5	4.4	11	0.2	0.3	0.2	107	0.12	0.054
1039843	Soil	1.2	11.1	10.8	90	<0.1	13.6	10.3	847	4.14	7.3	0.8	<0.5	6.0	16	0.1	0.4	0.1	73	0.15	0.069
1039841	Soil	0.7	57.0	7.0	81	<0.1	144.6	25.1	953	4.56	4.7	1.1	1.4	5.6	45	<0.1	0.3	<0.1	106	0.38	0.137
1039846	Soil	0.6	15.1	7.4	82	<0.1	12.7	16.8	771	4.67	2.0	0.8	<0.5	5.2	44	<0.1	0.2	<0.1	88	0.28	0.060
1039847	Soil	0.7	85.9	16.2	123	<0.1	22.6	10.2	477	3.19	8.7	1.0	0.9	20.7	9	0.2	0.2	0.2	26	0.07	0.031
1039776	Soil	1.0	10.6	8.1	96	<0.1	19.9	16.1	569	4.27	5.1	0.8	0.8	9.3	13	0.2	0.3	<0.1	70	0.13	0.039
1039842	Soil	1.2	54.2	8.6	99	<0.1	23.8	16.5	567	5.28	6.9	0.4	2.1	2.7	22	<0.1	0.4	0.1	140	0.17	0.026
1039848	Soil	1.0	56.8	14.5	122	<0.1	27.5	11.1	447	3.19	2.4	2.1	1.4	22.9	10	0.1	0.2	0.3	39	0.07	0.027
1039850	Soil	0.4	15.8	7.3	90	<0.1	8.0	12.4	789	3.96	1.5	1.8	1.7	14.7	22	<0.1	0.2	0.2	48	0.17	0.027
1039845	Soil	0.7	7.4	7.7	98	<0.1	19.2	12.8	736	4.19	2.7	0.9	0.6	11.3	19	<0.1	0.2	<0.1	64	0.18	0.043
1039844	Soil	0.8	26.1	7.5	86	<0.1	29.2	16.3	631	4.11	4.9	1.5	1.7	9.7	42	<0.1	0.4	<0.1	82	0.41	0.023
1199266	Soil	1.3	21.9	14.9	64	<0.1	23.4	8.6	385	2.91	11.2	1.0	3.8	4.8	36	0.1	0.7	0.2	70	0.20	0.016
1199001	Soil	1.4	14.7	11.0	59	<0.1	15.3	7.7	356	3.15	6.7	0.5	1.3	2.8	16	0.2	0.4	0.2	71	0.19	0.024
1199013	Soil	1.2	22.7	17.3	65	<0.1	22.2	9.4	334	3.24	11.1	1.1	2.2	6.9	18	0.1	0.6	0.2	68	0.15	0.016
1199298	Soil	1.0	21.7	9.4	60	<0.1	21.1	8.8	472	2.75	7.0	1.0	2.6	3.2	23	<0.1	0.5	0.1	62	0.28	0.035
1199296	Soil	1.5	15.4	15.5	66	<0.1	22.3	9.1	379	3.26	12.0	0.4	5.2	2.4	20	0.2	0.7	0.2	71	0.15	0.031
1199286	Soil	0.8	17.3	9.1	52	<0.1	16.9	9.7	424	2.81	10.1	0.6	3.4	3.2	23	0.1	0.5	0.3	62	0.17	0.034
1199288	Soil	1.2	18.7	15.2	58	<0.1	18.1	9.6	328	3.67	14.3	0.6	2.4	2.0	20	0.1	0.6	0.6	80	0.12	0.044
1199295	Soil	1.5	12.1	14.7	69	<0.1	16.6	7.1	540	3.39	11.9	0.4	1.8	1.7	28	0.3	0.5	0.2	75	0.13	0.060
1199005	Soil	1.2	24.3	11.4	67	0.2	24.3	9.8	343	3.11	11.4	0.7	2.7	6.6	13	0.1	0.7	0.2	73	0.12	0.023
1199004	Soil	1.0	19.7	9.0	58	<0.1	20.3	9.2	454	2.86	7.1	1.1	1.7	5.3	27	<0.1	0.4	0.2	60	0.31	0.030
1199289	Soil	1.3	7.2	11.1	66	<0.1	11.2	6.4	463	2.89	3.7	0.5	<0.5	4.9	21	<0.1	0.3	0.1	41	0.18	0.042
1042544	Soil	1.4	13.4	17.1	55	<0.1	20.4	7.5	396	2.67	8.5	0.5	1.9	2.9	32	0.2	0.4	0.2	68	0.24	0.019
1199300	Soil	0.8	16.4	10.6	61	<0.1	19.8	10.5	384	3.05	7.7	0.7	1.0	3.3	19	<0.1	0.4	0.1	65	0.21	0.020
1042548	Soil	1.1	8.2	34.8	57	<0.1	12.8	2.7	282	1.10	2.7	1.1	1.9	1.9	313	0.2	0.3	<0.1	20	0.34	0.021

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Vancouver BC V6C 1H2 Canada

Project: CHA
Report Date: July 14, 2011

CERTIFICATE OF ANALYSIS WHI11000374.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1042550	Soil	12	37	0.48	288	0.053	<1	1.91	0.014	0.07	<0.1	0.03	2.8	<0.1	<0.05	6	<0.5	<0.2
1199287	Soil	16	29	0.59	156	0.041	<1	2.68	0.011	0.14	<0.1	0.02	2.2	<0.1	<0.05	9	<0.5	<0.2
1042545	Soil	9	19	0.28	278	0.041	<1	0.99	0.010	0.05	<0.1	0.02	1.9	<0.1	<0.05	3	<0.5	<0.2
1199299	Soil	8	25	0.28	521	0.017	<1	1.65	0.015	0.07	<0.1	0.03	2.5	<0.1	<0.05	4	<0.5	<0.2
1039839	Soil	6	105	5.05	254	0.269	<1	4.88	0.029	0.88	<0.1	<0.01	2.8	0.3	<0.05	10	<0.5	<0.2
1039840	Soil	9	29	1.76	169	0.203	<1	3.15	0.014	0.35	0.1	0.02	6.6	<0.1	<0.05	15	<0.5	<0.2
1039843	Soil	12	25	0.86	136	0.149	<1	2.33	0.012	0.15	0.1	<0.01	2.6	<0.1	<0.05	10	<0.5	<0.2
1039841	Soil	16	162	3.23	555	0.177	1	2.87	0.017	0.43	0.1	<0.01	3.2	<0.1	<0.05	11	<0.5	<0.2
1039846	Soil	13	30	1.83	310	0.253	<1	3.00	0.012	1.03	<0.1	<0.01	2.5	0.4	<0.05	8	<0.5	<0.2
1039847	Soil	52	25	1.11	99	0.092	<1	2.28	0.009	0.54	<0.1	<0.01	1.9	0.3	<0.05	6	<0.5	<0.2
1039776	Soil	16	31	1.81	174	0.113	1	3.85	0.016	0.40	<0.1	<0.01	4.4	0.2	<0.05	10	<0.5	<0.2
1039842	Soil	7	37	1.63	244	0.290	<1	3.59	0.017	0.49	0.1	0.02	4.4	0.1	<0.05	12	<0.5	<0.2
1039848	Soil	60	30	1.20	112	0.060	<1	2.56	0.009	0.33	<0.1	0.01	2.5	0.1	<0.05	6	<0.5	<0.2
1039850	Soil	30	15	1.13	159	0.173	<1	2.37	0.010	0.52	<0.1	0.01	3.6	0.2	<0.05	9	<0.5	<0.2
1039845	Soil	16	38	1.73	102	0.250	<1	3.11	0.011	0.28	<0.1	<0.01	3.4	0.2	<0.05	11	<0.5	<0.2
1039844	Soil	28	59	1.59	253	0.191	<1	3.01	0.018	0.18	0.1	0.03	6.0	0.1	<0.05	9	<0.5	<0.2
1199266	Soil	14	44	0.56	326	0.063	<1	2.31	0.008	0.07	0.1	0.04	4.2	0.1	<0.05	6	0.7	<0.2
1199001	Soil	12	29	0.56	266	0.040	<1	1.92	0.009	0.09	<0.1	0.02	3.0	<0.1	<0.05	7	<0.5	<0.2
1199013	Soil	18	40	0.55	332	0.053	<1	2.13	0.009	0.08	<0.1	0.04	4.8	<0.1	<0.05	6	0.5	<0.2
1199298	Soil	14	37	0.64	317	0.058	1	1.64	0.010	0.06	<0.1	0.03	4.7	<0.1	<0.05	5	0.7	<0.2
1199296	Soil	8	34	0.53	227	0.052	<1	2.39	0.010	0.07	0.1	0.02	2.7	0.1	<0.05	7	<0.5	<0.2
1199286	Soil	10	31	0.53	137	0.077	1	1.73	0.011	0.07	0.1	0.02	2.8	<0.1	<0.05	5	<0.5	<0.2
1199288	Soil	9	34	0.53	153	0.059	<1	2.25	0.009	0.09	0.1	0.03	3.2	0.1	<0.05	7	0.7	<0.2
1199295	Soil	8	33	0.42	212	0.042	<1	2.11	0.007	0.07	0.1	0.03	2.1	<0.1	<0.05	8	<0.5	<0.2
1199005	Soil	11	36	0.70	246	0.084	<1	2.54	0.009	0.10	0.1	0.06	3.2	0.1	<0.05	7	<0.5	<0.2
1199004	Soil	17	32	0.64	311	0.062	<1	1.78	0.011	0.11	<0.1	0.05	4.5	<0.1	<0.05	6	0.6	<0.2
1199289	Soil	15	21	0.66	195	0.016	<1	2.15	0.007	0.14	<0.1	0.01	1.8	<0.1	<0.05	7	<0.5	<0.2
1042544	Soil	9	43	0.51	244	0.046	<1	1.89	0.009	0.06	0.1	0.02	2.5	<0.1	<0.05	6	<0.5	<0.2
1199300	Soil	13	31	0.63	272	0.057	<1	2.30	0.010	0.07	<0.1	0.02	3.7	<0.1	<0.05	6	<0.5	<0.2
1042548	Soil	7	22	0.19	716	0.014	<1	1.01	0.009	0.09	<0.1	0.02	1.7	<0.1	<0.05	2	<0.5	<0.2

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600 - 666 Burrard St.
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Project: CHA
Report Date: July 14, 2011

CERTIFICATE OF ANALYSIS WHI11000374.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1042541	Soil	1.3	11.3	20.1	51	<0.1	17.1	5.5	449	2.07	7.0	0.5	1.6	2.1	54	<0.1	0.4	0.2	51	0.18	0.022
1199012	Soil	1.4	29.6	23.9	90	<0.1	31.9	11.8	346	3.64	11.5	1.7	5.6	15.2	17	0.1	0.7	0.2	77	0.15	0.015
1199290	Soil	0.9	17.1	10.3	53	<0.1	17.4	8.8	316	2.91	12.1	0.5	4.7	2.8	18	<0.1	0.5	0.5	68	0.15	0.044
1199265	Soil	1.1	20.9	12.1	52	<0.1	21.7	8.4	342	2.62	9.6	0.8	4.2	4.4	29	<0.1	0.5	0.2	65	0.19	0.015
1199293	Soil	0.9	16.7	20.3	48	0.7	11.8	6.0	360	2.30	3.5	0.4	2.7	2.4	13	0.5	0.3	0.3	71	0.10	0.030
1039831	Soil	1.4	32.4	8.0	64	<0.1	24.6	12.4	409	3.25	7.8	1.1	1.0	3.4	26	<0.1	0.5	0.1	85	0.33	0.026
1042538	Soil	1.1	9.8	17.7	41	0.1	9.0	3.9	248	1.92	6.3	0.3	<0.5	1.4	59	0.2	0.3	0.2	44	0.11	0.021
1199264	Soil	1.1	15.4	12.5	57	0.1	19.1	7.8	311	2.99	9.4	0.7	1.0	3.4	27	<0.1	0.5	0.2	67	0.17	0.016
1199294	Soil	0.9	15.0	13.9	48	<0.1	15.0	7.4	334	2.22	7.4	0.6	4.5	2.4	69	0.1	0.5	0.3	57	0.24	0.020
1199268	Soil	1.0	10.0	11.7	38	<0.1	13.1	5.1	193	2.16	6.5	0.4	1.1	2.4	16	0.1	0.4	0.2	64	0.13	0.017
1039834	Soil	1.3	12.6	11.5	42	<0.1	10.9	5.1	207	2.98	9.3	0.3	2.3	2.0	9	0.1	0.5	0.2	104	0.09	0.041
1039833	Soil	1.2	23.6	8.5	52	0.2	18.6	11.1	558	3.62	7.9	0.4	<0.5	2.6	12	0.2	0.5	0.2	110	0.13	0.071
1039835	Soil	1.4	26.7	6.3	68	<0.1	8.7	11.0	738	4.00	3.8	0.6	<0.5	2.4	9	0.1	0.1	0.1	119	0.27	0.131
1039837	Soil	1.5	15.2	7.5	61	<0.1	21.1	13.8	911	3.77	4.9	0.5	3.6	2.6	16	0.2	0.3	0.1	84	0.28	0.072
1199003	Soil	0.7	7.5	8.7	44	<0.1	7.4	6.7	314	2.62	2.8	0.4	<0.5	3.5	12	<0.1	0.3	0.1	51	0.10	0.018
1199015	Soil	1.0	28.0	14.5	67	<0.1	18.7	9.8	464	3.00	5.5	1.7	2.5	12.9	20	<0.1	0.5	0.2	47	0.19	0.021
1199002	Soil	0.7	15.6	6.9	57	<0.1	14.1	10.6	424	3.37	4.4	0.5	2.2	3.6	14	<0.1	0.3	0.1	62	0.17	0.034
1199014	Soil	1.0	33.5	14.9	66	<0.1	21.6	11.2	605	3.29	6.7	2.0	1.0	11.7	25	<0.1	0.6	0.2	54	0.25	0.021
1039827	Soil	0.3	11.2	5.1	44	<0.1	27.3	19.2	745	4.51	0.8	0.4	0.6	3.8	16	0.2	<0.1	<0.1	112	0.43	0.096
1039828	Soil	1.2	10.7	8.5	43	<0.1	11.6	6.1	219	2.61	6.6	0.6	1.2	5.4	14	<0.1	0.4	0.2	59	0.16	0.017
1039832	Soil	0.9	22.7	8.7	64	0.2	21.6	13.8	370	3.76	6.8	0.3	1.5	2.2	21	<0.1	0.4	0.1	117	0.25	0.033
1039830	Soil	1.4	54.5	6.7	92	0.1	13.0	18.5	575	4.95	3.7	0.8	1.4	3.5	23	0.1	0.2	0.2	150	0.35	0.041
1039783	Soil	0.6	10.8	10.1	77	<0.1	10.6	10.3	383	3.69	4.3	1.1	1.1	10.3	126	<0.1	0.3	0.2	52	0.05	0.013
1039782	Soil	1.0	20.4	9.9	65	<0.1	19.6	9.6	336	2.96	8.5	0.9	3.8	6.7	28	<0.1	0.4	0.2	62	0.20	0.031
1039780	Soil	0.9	182.7	40.0	569	<0.1	28.4	18.2	952	3.93	1.7	1.4	0.7	9.1	14	0.4	0.2	0.3	51	0.11	0.025
1039829	Soil	1.2	13.4	5.2	79	<0.1	20.2	13.6	458	3.81	4.2	0.5	0.5	4.5	9	<0.1	0.3	0.2	112	0.08	0.023
1039849	Soil	1.2	30.4	11.9	97	<0.1	36.7	11.6	352	4.25	9.8	0.8	3.4	7.9	11	0.2	0.6	0.2	65	0.10	0.030
1039777	Soil	1.0	13.5	10.3	58	<0.1	16.2	9.1	344	3.13	6.6	0.8	3.6	10.3	14	<0.1	0.4	0.2	62	0.12	0.019
1039781	Soil	1.1	130.3	32.2	456	<0.1	23.3	16.9	629	3.79	3.2	1.1	<0.5	7.2	12	0.4	0.3	0.2	58	0.09	0.022
1039778	Soil	0.7	12.2	7.8	72	<0.1	12.5	9.1	431	3.27	4.2	1.1	0.7	15.5	18	<0.1	0.3	0.1	53	0.16	0.019

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Project: CHA
Report Date: July 14, 2011

CERTIFICATE OF ANALYSIS WHI11000374.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1042541	Soil	8	29	0.35	282	0.030	<1	2.01	0.007	0.08	0.1	<0.01	2.0	<0.1	<0.05	6	<0.5	<0.2
1199012	Soil	25	44	0.67	465	0.070	<1	2.55	0.011	0.12	<0.1	0.02	3.8	0.1	<0.05	7	<0.5	<0.2
1199290	Soil	11	30	0.55	134	0.069	<1	1.95	0.009	0.08	0.1	0.02	3.3	0.1	<0.05	7	<0.5	<0.2
1199265	Soil	14	40	0.55	285	0.066	<1	2.00	0.009	0.06	0.1	0.04	3.8	<0.1	<0.05	6	0.5	<0.2
1199293	Soil	11	25	0.18	183	0.045	<1	2.35	0.008	0.05	<0.1	0.05	2.2	0.1	<0.05	9	<0.5	<0.2
1039831	Soil	13	42	0.99	292	0.118	1	2.17	0.016	0.05	<0.1	0.03	5.1	<0.1	<0.05	7	<0.5	<0.2
1042538	Soil	6	17	0.18	217	0.014	<1	1.89	0.007	0.06	<0.1	0.02	1.4	<0.1	<0.05	6	<0.5	<0.2
1199264	Soil	10	39	0.52	226	0.059	<1	2.30	0.008	0.05	0.1	0.02	2.9	<0.1	<0.05	6	<0.5	<0.2
1199294	Soil	12	30	0.44	330	0.052	<1	1.58	0.010	0.06	<0.1	0.02	3.2	<0.1	<0.05	5	<0.5	<0.2
1199268	Soil	11	25	0.35	166	0.065	<1	1.65	0.007	0.05	<0.1	0.02	1.9	<0.1	<0.05	6	<0.5	<0.2
1039834	Soil	9	23	0.32	62	0.111	<1	1.46	0.008	0.05	0.1	0.01	1.9	0.1	<0.05	9	<0.5	<0.2
1039833	Soil	7	39	0.73	167	0.145	<1	2.32	0.010	0.11	<0.1	0.02	3.7	<0.1	<0.05	9	<0.5	<0.2
1039835	Soil	11	20	0.84	232	0.201	<1	2.14	0.008	0.63	<0.1	<0.01	8.5	0.2	<0.05	11	<0.5	<0.2
1039837	Soil	12	32	1.04	183	0.076	<1	1.95	0.013	0.12	0.1	0.01	6.9	<0.1	<0.05	9	<0.5	<0.2
1199003	Soil	17	14	0.63	190	0.052	<1	1.99	0.007	0.16	<0.1	0.01	2.5	0.1	<0.05	7	<0.5	<0.2
1199015	Soil	28	26	0.62	530	0.027	<1	2.16	0.008	0.11	<0.1	0.02	3.7	0.1	<0.05	5	<0.5	<0.2
1199002	Soil	12	24	0.85	212	0.058	<1	2.30	0.008	0.15	<0.1	<0.01	3.2	0.1	<0.05	7	<0.5	<0.2
1199014	Soil	28	33	0.69	668	0.035	<1	2.25	0.009	0.12	<0.1	0.04	4.9	0.1	<0.05	6	0.7	<0.2
1039827	Soil	10	81	2.23	769	0.105	<1	3.36	0.007	0.22	<0.1	<0.01	5.4	<0.1	<0.05	10	<0.5	<0.2
1039828	Soil	17	30	0.47	220	0.040	<1	1.81	0.007	0.08	0.1	0.02	2.8	<0.1	<0.05	6	<0.5	<0.2
1039832	Soil	8	35	1.05	281	0.150	<1	2.64	0.012	0.10	<0.1	<0.01	3.5	0.1	<0.05	8	<0.5	<0.2
1039830	Soil	9	35	1.86	283	0.184	<1	3.39	0.013	0.07	<0.1	<0.01	10.2	<0.1	<0.05	12	0.6	<0.2
1039783	Soil	10	19	1.11	343	0.014	<1	3.02	0.007	0.11	0.1	<0.01	3.3	0.1	<0.05	10	0.5	<0.2
1039782	Soil	17	30	0.67	389	0.083	2	2.07	0.010	0.10	0.1	0.02	3.5	0.1	<0.05	7	<0.5	<0.2
1039780	Soil	26	42	1.34	256	0.011	<1	2.40	0.004	0.26	<0.1	0.02	7.4	0.1	<0.05	6	0.7	<0.2
1039829	Soil	6	56	1.53	173	0.109	1	3.03	0.006	0.14	<0.1	<0.01	8.1	<0.1	<0.05	11	<0.5	<0.2
1039849	Soil	20	53	1.04	130	0.114	1	2.62	0.008	0.32	0.1	0.01	3.1	0.2	<0.05	8	<0.5	<0.2
1039777	Soil	20	28	0.76	227	0.067	1	2.33	0.007	0.13	0.1	<0.01	3.0	0.2	<0.05	7	0.5	<0.2
1039781	Soil	24	35	1.16	194	0.015	1	2.59	0.004	0.22	<0.1	0.02	5.7	0.1	<0.05	7	0.6	<0.2
1039778	Soil	34	24	1.03	244	0.100	1	2.37	0.008	0.27	<0.1	0.01	3.9	0.2	<0.05	8	0.8	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1039838	Soil	0.7	18.8	7.6	66	<0.1	18.0	11.4	505	3.27	5.8	0.7	1.1	7.7	18	<0.1	0.4	0.2	60	0.24	0.051
1039836	Soil	2.1	37.9	6.9	90	0.1	13.7	13.0	792	4.20	4.8	1.0	0.7	4.4	18	<0.1	0.4	0.2	60	0.52	0.095
1198664	Soil	0.9	7.9	8.7	49	<0.1	9.0	4.1	283	2.36	4.8	0.4	<0.5	3.5	14	<0.1	0.2	0.2	48	0.14	0.014
1039779	Soil	1.2	15.8	11.5	69	0.1	15.7	9.6	1251	3.53	6.5	1.0	1.8	7.2	16	0.2	0.4	0.2	63	0.14	0.041
1035170	Soil	0.3	43.5	3.3	38	<0.1	22.5	19.2	431	2.71	3.0	0.2	<0.5	0.8	15	<0.1	0.1	<0.1	79	0.33	0.039
1194204	Soil	1.8	159.4	3.9	78	<0.1	78.5	38.1	738	6.55	2.4	0.7	<0.5	1.6	12	<0.1	0.2	<0.1	190	0.29	0.030
1035168	Soil	0.7	86.9	6.3	68	0.1	20.5	24.6	564	5.50	5.1	0.2	<0.5	0.7	10	<0.1	0.2	<0.1	139	0.29	0.055
1035169	Soil	2.7	60.5	3.9	85	<0.1	42.4	34.2	364	5.29	3.4	0.2	<0.5	0.9	14	<0.1	0.1	<0.1	160	0.30	0.073
1035174	Soil	0.6	144.2	3.5	258	<0.1	36.3	27.5	1108	5.03	2.7	0.3	0.8	1.2	16	<0.1	0.2	0.1	127	0.29	0.038
1035183	Soil	0.3	68.0	1.7	58	<0.1	14.7	19.2	447	3.41	2.1	0.2	<0.5	0.5	11	<0.1	0.1	<0.1	120	0.35	0.079
1035176	Soil	0.8	44.4	5.9	56	0.1	23.7	16.6	491	3.96	3.6	0.2	0.9	0.9	11	0.2	0.3	<0.1	116	0.17	0.031
1035173	Soil	0.8	20.9	6.6	136	<0.1	10.7	9.4	637	3.36	4.3	0.5	<0.5	4.1	7	<0.1	0.2	<0.1	39	0.08	0.015
1198635	Soil	1.4	21.1	10.0	49	<0.1	20.0	10.1	329	3.68	8.9	0.3	0.9	2.6	15	<0.1	0.4	0.2	99	0.13	0.025
1198634	Soil	0.8	11.8	9.6	32	<0.1	11.1	6.6	200	2.55	4.4	0.3	<0.5	2.1	14	<0.1	0.3	0.2	84	0.15	0.017
1194201	Soil	1.1	18.3	12.6	57	0.1	19.1	7.7	344	3.09	9.6	0.5	1.9	3.6	14	<0.1	0.5	0.2	65	0.14	0.027
1035181	Soil	0.8	32.7	8.9	106	<0.1	17.7	14.1	675	3.27	5.5	0.2	<0.5	1.3	16	0.3	0.3	0.1	92	0.26	0.113
1198654	Soil	1.2	22.1	11.9	71	<0.1	21.7	9.7	519	3.78	10.6	0.9	2.3	5.1	18	<0.1	0.6	0.2	76	0.14	0.022
1198659	Soil	0.7	12.3	9.6	57	0.1	12.6	8.2	409	3.09	5.3	0.4	1.6	2.9	13	0.1	0.4	0.1	80	0.16	0.030
1198653	Soil	1.1	11.9	8.5	81	<0.1	14.3	6.9	391	3.67	7.6	0.4	1.7	3.5	11	<0.1	0.4	0.1	61	0.09	0.022
1198656	Soil	0.8	8.2	5.5	82	<0.1	8.8	4.7	510	3.16	4.3	0.5	0.8	3.9	10	<0.1	0.2	<0.1	34	0.08	0.019
1035184	Soil	1.4	22.4	11.6	56	<0.1	23.2	12.6	435	4.06	11.8	0.4	1.6	3.0	19	0.3	0.6	0.2	95	0.19	0.055
1035178	Soil	1.0	42.8	9.3	217	0.2	18.3	15.8	1422	4.05	4.9	0.5	<0.5	2.7	9	0.3	0.3	0.1	87	0.15	0.052
1035182	Soil	0.4	26.1	2.1	54	<0.1	38.4	21.5	1172	3.31	1.3	<0.1	<0.5	0.3	14	<0.1	0.1	<0.1	115	0.33	0.047
1035195	Soil	0.7	8.3	6.3	57	<0.1	5.1	3.8	164	2.12	3.8	0.6	<0.5	2.9	11	<0.1	0.2	0.2	56	0.12	0.039
1199334	Soil	1.1	27.7	10.5	58	0.1	20.6	11.9	378	3.39	11.4	0.8	2.7	4.9	18	0.1	0.5	0.2	75	0.19	0.034
1194203	Soil	0.6	64.1	4.1	66	<0.1	20.0	16.1	336	3.90	4.5	0.3	<0.5	1.4	10	0.1	0.2	<0.1	107	0.23	0.038
1199335	Soil	4.6	31.9	5.5	80	<0.1	16.7	15.0	771	4.87	13.5	0.6	1.1	4.5	9	0.1	0.3	0.1	123	0.14	0.058
1004988	Soil	1.3	33.9	10.4	72	<0.1	13.9	14.7	541	4.29	10.7	0.5	2.3	3.6	14	0.1	0.4	0.3	90	0.13	0.042
1199349	Soil	0.9	5.9	20.6	37	<0.1	7.7	4.4	422	1.93	5.0	0.2	1.4	1.4	11	<0.1	0.2	0.1	28	0.08	0.015
1194205	Soil	2.2	162.7	4.3	85	<0.1	80.7	39.8	791	6.89	2.5	0.7	1.0	1.8	12	<0.1	0.2	<0.1	192	0.30	0.031

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Project: CHA
Report Date: July 14, 2011

CERTIFICATE OF ANALYSIS WHI11000374.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1039838	Soil	18	25	1.05	213	0.110	2	2.35	0.009	0.13	0.1	<0.01	3.2	0.1	<0.05	7	0.6	<0.2
1039836	Soil	17	23	1.22	239	0.054	1	2.25	0.009	0.13	<0.1	0.01	6.5	0.1	<0.05	10	0.9	<0.2
1198664	Soil	14	18	0.39	152	0.068	<1	1.44	0.007	0.12	<0.1	<0.01	2.6	<0.1	<0.05	7	<0.5	<0.2
1039779	Soil	20	25	0.50	255	0.046	1	2.10	0.007	0.18	<0.1	0.02	2.3	0.1	<0.05	8	<0.5	<0.2
1035170	Soil	3	34	1.23	256	0.153	<1	1.77	0.016	0.33	<0.1	<0.01	2.7	0.2	<0.05	5	<0.5	<0.2
1194204	Soil	8	128	2.31	372	0.255	<1	3.43	0.018	0.77	<0.1	0.01	11.6	0.5	<0.05	8	1.3	<0.2
1035168	Soil	2	15	1.72	306	0.193	<1	3.20	0.021	0.65	<0.1	<0.01	6.6	0.2	<0.05	8	<0.5	<0.2
1035169	Soil	6	56	3.55	182	0.230	<1	4.41	0.017	0.52	<0.1	<0.01	6.5	0.3	<0.05	11	<0.5	<0.2
1035174	Soil	7	66	2.06	382	0.165	<1	3.09	0.016	0.52	<0.1	<0.01	11.4	0.3	<0.05	8	0.7	<0.2
1035183	Soil	3	17	1.40	223	0.237	<1	2.18	0.022	0.37	<0.1	<0.01	3.2	0.1	<0.05	6	<0.5	<0.2
1035176	Soil	3	33	1.61	165	0.189	<1	2.66	0.013	0.19	<0.1	<0.01	4.2	<0.1	<0.05	7	<0.5	<0.2
1035173	Soil	11	17	0.88	168	0.116	<1	2.12	0.006	0.49	<0.1	<0.01	5.9	0.2	<0.05	7	0.6	<0.2
1198635	Soil	9	47	0.72	167	0.102	1	2.31	0.009	0.05	0.1	<0.01	3.3	0.1	<0.05	9	<0.5	<0.2
1198634	Soil	8	20	0.36	185	0.084	1	1.89	0.016	0.04	<0.1	0.01	2.5	<0.1	<0.05	8	<0.5	<0.2
1194201	Soil	11	29	0.49	203	0.053	1	2.21	0.007	0.09	0.1	0.01	3.1	<0.1	<0.05	7	0.5	<0.2
1035181	Soil	4	24	0.82	266	0.127	2	1.99	0.023	0.18	0.1	0.01	3.7	<0.1	<0.05	7	<0.5	<0.2
1198654	Soil	15	40	0.64	221	0.087	1	2.96	0.008	0.08	0.1	0.03	6.1	<0.1	<0.05	8	<0.5	<0.2
1198659	Soil	9	22	0.52	201	0.122	<1	2.01	0.016	0.09	<0.1	0.01	3.4	0.1	<0.05	8	<0.5	<0.2
1198653	Soil	14	27	0.61	140	0.070	2	2.62	0.006	0.09	0.1	0.01	4.8	0.1	<0.05	11	<0.5	<0.2
1198656	Soil	14	16	0.66	136	0.106	1	2.11	0.007	0.43	<0.1	<0.01	4.5	0.2	<0.05	9	<0.5	<0.2
1035184	Soil	9	35	0.78	311	0.127	2	2.79	0.010	0.21	0.2	<0.01	2.8	<0.1	<0.05	7	<0.5	<0.2
1035178	Soil	10	23	0.94	211	0.084	1	2.54	0.012	0.33	0.1	0.02	6.7	0.1	<0.05	8	0.7	<0.2
1035182	Soil	2	77	1.99	446	0.300	<1	2.60	0.017	0.47	0.1	<0.01	2.2	0.1	<0.05	7	<0.5	<0.2
1035195	Soil	14	9	0.35	124	0.056	<1	1.19	0.005	0.18	<0.1	<0.01	1.2	0.2	<0.05	9	<0.5	<0.2
1199334	Soil	15	30	0.59	288	0.071	2	2.20	0.012	0.11	0.1	0.01	4.0	0.1	<0.05	6	<0.5	<0.2
1194203	Soil	4	49	1.54	215	0.156	<1	3.17	0.022	0.48	<0.1	<0.01	6.5	0.2	<0.05	7	<0.5	<0.2
1199335	Soil	11	54	1.31	234	0.228	<1	2.51	0.008	0.59	<0.1	<0.01	10.4	0.2	<0.05	10	<0.5	<0.2
1004988	Soil	8	24	0.97	237	0.138	<1	2.97	0.009	0.46	<0.1	<0.01	5.2	0.2	<0.05	8	<0.5	<0.2
1199349	Soil	5	15	0.22	159	0.005	<1	1.73	0.005	0.08	<0.1	0.01	1.3	<0.1	<0.05	4	<0.5	<0.2
1194205	Soil	10	134	2.34	380	0.284	<1	3.63	0.018	0.81	<0.1	<0.01	12.9	0.5	<0.05	8	0.6	<0.2

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Project: CHA
Report Date: July 14, 2011

CERTIFICATE OF ANALYSIS WHI11000374.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1199350	Soil	1.3	25.5	19.4	61	<0.1	24.8	9.6	434	3.23	10.7	0.7	2.8	6.5	16	<0.1	0.7	0.2	66	0.12	0.018
1194202	Soil	1.0	24.6	5.4	84	<0.1	7.5	7.4	533	3.42	3.2	0.4	<0.5	1.9	11	0.1	0.2	<0.1	49	0.12	0.038
1035172	Soil	2.8	35.8	7.6	76	<0.1	7.7	7.6	622	2.78	6.6	0.4	1.2	2.8	19	<0.1	0.3	0.2	29	0.19	0.024
1035175	Soil	1.8	16.4	10.3	356	<0.1	11.3	7.1	809	2.90	4.5	0.5	1.3	2.1	15	1.0	0.3	0.1	48	0.16	0.035
1035167	Soil	1.3	13.4	10.6	58	0.1	14.6	14.8	2014	3.48	6.8	0.4	1.3	2.5	31	0.1	0.4	0.2	79	0.47	0.060
1035171	Soil	0.9	40.7	5.7	72	<0.1	23.6	21.4	326	4.50	6.0	0.4	2.2	2.6	13	<0.1	0.4	<0.1	107	0.14	0.036
1198651	Soil	0.8	17.0	9.2	55	<0.1	18.3	7.5	294	2.97	8.1	0.5	2.4	3.5	16	<0.1	0.4	0.2	60	0.17	0.021
1198655	Soil	0.8	12.4	6.2	82	<0.1	11.6	5.2	465	3.01	5.6	0.5	0.8	3.4	12	<0.1	0.3	0.1	36	0.10	0.017
1039933	Soil	0.8	9.3	6.3	59	<0.1	11.8	6.2	350	2.89	6.3	0.5	0.5	4.5	8	<0.1	0.4	0.1	39	0.07	0.015
1198640	Soil	1.7	13.3	6.6	84	<0.1	12.2	5.0	452	3.57	5.1	0.5	1.7	4.1	12	<0.1	0.3	0.1	38	0.09	0.020
1198652	Soil	1.0	19.0	11.0	60	<0.1	20.3	8.7	339	3.20	9.9	0.6	2.5	4.7	18	<0.1	0.5	0.2	63	0.14	0.016
1036459	Soil	1.6	18.4	13.5	53	<0.1	12.2	6.7	289	2.94	7.4	0.4	8.4	1.7	21	0.2	0.5	0.2	73	0.12	0.029
1061517	Soil	0.6	14.3	5.3	68	<0.1	12.6	7.5	394	3.12	5.1	0.4	1.3	5.0	9	<0.1	0.3	0.1	43	0.09	0.016
1061516	Soil	0.8	15.3	7.0	87	<0.1	13.4	8.2	461	3.72	4.5	0.6	1.2	5.3	11	<0.1	0.3	0.1	45	0.09	0.014
1198657	Soil	0.7	9.4	6.5	78	<0.1	7.2	5.4	900	2.97	3.3	0.6	1.2	3.3	11	<0.1	0.3	0.1	30	0.10	0.021
1061519	Soil	0.7	33.8	3.3	69	<0.1	11.7	23.5	621	5.57	4.6	0.5	0.6	1.6	19	<0.1	0.2	<0.1	216	0.38	0.058
1036469	Soil	1.2	20.7	10.8	58	<0.1	21.5	10.6	330	3.41	10.4	0.5	3.2	3.6	17	0.1	0.6	0.2	72	0.13	0.025
1198660	Soil	0.5	24.2	4.2	56	<0.1	9.0	14.4	594	3.89	4.4	0.2	1.9	1.2	43	<0.1	0.3	<0.1	121	0.34	0.090
1036464	Soil	1.0	33.7	7.4	63	<0.1	17.5	13.3	436	4.12	6.6	0.6	15.9	3.0	26	<0.1	0.4	0.4	116	0.16	0.031
1039934	Soil	0.8	13.4	8.2	49	<0.1	12.2	4.9	279	2.36	5.5	0.8	2.9	4.4	15	<0.1	0.4	0.2	46	0.13	0.014
1036461	Soil	1.0	23.4	13.0	72	0.1	21.2	10.1	522	2.67	7.6	0.8	9.3	3.0	23	0.3	0.5	0.3	64	0.21	0.067
1036463	Soil	0.7	43.2	5.7	70	<0.1	13.1	17.1	701	4.76	4.1	0.7	5.1	5.4	15	<0.1	0.2	0.3	129	0.13	0.044
1198639	Soil	0.3	15.8	4.7	90	<0.1	5.6	13.4	941	5.24	1.0	1.9	0.7	3.0	24	<0.1	0.2	<0.1	74	0.26	0.053
1036468	Soil	1.2	30.9	8.7	64	<0.1	17.9	12.3	459	3.88	7.5	0.7	6.8	4.4	37	<0.1	0.4	0.3	82	0.15	0.027
1061520	Soil	1.0	22.0	7.5	59	<0.1	15.2	16.6	529	4.21	6.5	0.4	2.7	2.3	16	<0.1	0.4	0.2	145	0.27	0.045
1036470	Soil	2.4	75.6	8.8	64	<0.1	13.3	19.3	666	4.91	4.6	0.7	3.1	3.0	21	0.2	0.4	0.5	94	0.14	0.047
1004985	Soil	1.6	30.0	8.4	46	<0.1	9.2	7.5	326	3.28	5.3	0.6	2.6	2.3	15	0.1	0.4	0.4	115	0.13	0.036
1036467	Soil	1.2	22.6	11.8	57	0.1	19.8	10.0	387	3.38	10.1	0.8	4.2	4.3	19	0.1	0.6	0.3	78	0.16	0.030
1036460	Soil	1.1	22.8	13.6	61	<0.1	23.0	9.7	329	2.85	9.0	0.9	23.6	3.6	18	0.1	0.6	0.3	62	0.17	0.042
1199336	Soil	0.9	42.9	6.9	82	<0.1	14.9	17.3	666	4.70	7.6	0.4	0.7	2.2	11	<0.1	0.4	0.1	143	0.15	0.032

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1199350	Soil	10	40	0.55	333	0.043	1	2.89	0.008	0.06	0.1	<0.01	3.5	0.1	<0.05	6	0.5	<0.2
1194202	Soil	8	13	1.17	204	0.153	<1	2.63	0.009	0.70	<0.1	<0.01	3.9	0.2	<0.05	8	<0.5	<0.2
1035172	Soil	6	10	0.43	187	0.058	<1	1.69	0.006	0.15	<0.1	0.01	2.7	0.2	<0.05	5	<0.5	<0.2
1035175	Soil	15	18	0.42	211	0.027	<1	1.48	0.007	0.16	<0.1	0.02	3.0	<0.1	<0.05	5	<0.5	<0.2
1035167	Soil	8	26	0.55	287	0.114	<1	2.09	0.015	0.19	0.1	<0.01	2.9	0.1	<0.05	7	<0.5	<0.2
1035171	Soil	7	24	1.45	259	0.150	2	3.94	0.014	0.35	<0.1	0.01	6.3	0.2	<0.05	9	<0.5	<0.2
1198651	Soil	13	30	0.54	168	0.090	<1	1.97	0.008	0.08	0.3	<0.01	3.7	0.1	<0.05	7	<0.5	<0.2
1198655	Soil	15	19	0.58	146	0.090	<1	2.32	0.008	0.26	0.1	0.01	5.1	0.1	<0.05	9	<0.5	<0.2
1039933	Soil	13	19	0.58	175	0.076	1	2.15	0.006	0.20	<0.1	<0.01	2.5	0.1	<0.05	6	<0.5	<0.2
1198640	Soil	18	21	0.46	137	0.043	<1	2.40	0.008	0.20	<0.1	<0.01	3.8	0.1	<0.05	7	<0.5	<0.2
1198652	Soil	13	38	0.58	209	0.071	<1	2.58	0.009	0.09	0.1	0.03	4.4	0.1	<0.05	7	<0.5	<0.2
1036459	Soil	8	23	0.31	216	0.072	1	1.94	0.015	0.04	<0.1	0.02	2.2	0.1	<0.05	8	<0.5	<0.2
1061517	Soil	14	22	0.72	163	0.127	1	2.33	0.007	0.28	0.1	<0.01	4.1	0.2	<0.05	7	<0.5	<0.2
1061516	Soil	18	22	0.86	210	0.107	<1	3.32	0.007	0.49	<0.1	0.03	5.0	0.2	<0.05	8	<0.5	<0.2
1198657	Soil	16	13	0.55	152	0.081	<1	2.08	0.006	0.31	<0.1	0.02	4.4	0.1	<0.05	8	<0.5	<0.2
1061519	Soil	5	15	1.59	352	0.144	<1	3.88	0.031	0.33	<0.1	<0.01	9.1	0.2	<0.05	10	<0.5	<0.2
1036469	Soil	9	36	0.59	212	0.083	1	3.24	0.009	0.06	0.1	0.02	3.2	<0.1	<0.05	6	<0.5	<0.2
1198660	Soil	3	12	0.85	246	0.205	<1	2.58	0.037	0.22	<0.1	<0.01	4.1	0.2	<0.05	8	<0.5	<0.2
1036464	Soil	9	36	1.24	325	0.202	<1	3.09	0.013	0.50	<0.1	<0.01	6.6	0.3	<0.05	9	<0.5	<0.2
1039934	Soil	16	23	0.46	293	0.078	<1	1.59	0.011	0.11	<0.1	0.03	3.9	<0.1	<0.05	6	<0.5	<0.2
1036461	Soil	15	32	0.49	351	0.072	1	1.88	0.011	0.06	0.3	0.02	3.1	<0.1	<0.05	5	<0.5	<0.2
1036463	Soil	8	32	1.58	310	0.252	<1	3.27	0.007	1.12	0.1	<0.01	11.8	0.6	<0.05	10	0.5	<0.2
1198639	Soil	20	4	0.63	226	0.034	<1	2.04	0.008	0.52	<0.1	0.03	8.3	0.1	<0.05	7	<0.5	<0.2
1036468	Soil	10	32	1.08	275	0.151	<1	2.80	0.010	0.32	<0.1	0.02	5.5	0.3	<0.05	8	<0.5	<0.2
1061520	Soil	7	23	0.93	283	0.109	<1	2.99	0.020	0.19	<0.1	0.01	5.4	0.1	<0.05	9	<0.5	<0.2
1036470	Soil	6	24	0.84	161	0.035	<1	2.96	0.010	0.06	<0.1	<0.01	5.0	<0.1	<0.05	7	1.2	<0.2
1004985	Soil	11	18	0.63	157	0.130	1	1.54	0.011	0.22	<0.1	<0.01	4.6	0.1	<0.05	9	<0.5	0.3
1036467	Soil	11	38	0.62	280	0.087	<1	2.28	0.010	0.06	0.1	0.03	4.1	0.1	<0.05	7	<0.5	<0.2
1036460	Soil	14	30	0.53	298	0.069	2	1.90	0.010	0.05	0.3	0.03	2.7	<0.1	<0.05	5	<0.5	<0.2
1199336	Soil	5	31	1.13	325	0.148	2	2.81	0.014	0.27	<0.1	0.02	8.3	0.2	<0.05	8	<0.5	<0.2

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600 - 666 Burrard St.
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Project: CHA
Report Date: July 14, 2011

CERTIFICATE OF ANALYSIS WHI11000374.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1198638	Soil	0.8	31.1	5.2	60	<0.1	13.5	11.3	330	3.70	5.8	0.2	1.2	1.7	21	<0.1	0.4	<0.1	100	0.14	0.027
1061521	Soil	1.6	16.2	11.8	58	0.2	16.7	10.3	441	4.02	13.4	0.4	1.6	3.3	13	<0.1	0.5	0.2	73	0.14	0.030
1198636	Soil	0.7	46.4	5.9	50	0.1	23.5	13.9	315	3.09	6.1	0.3	1.2	1.9	22	<0.1	0.4	0.1	79	0.18	0.021
1036462	Soil	1.1	21.8	12.7	64	0.1	22.8	9.0	312	3.06	9.4	0.8	9.9	3.4	25	0.1	0.5	0.3	67	0.21	0.048
1198662	Soil	0.7	6.9	7.9	45	0.1	5.9	3.1	311	2.01	2.4	0.3	2.7	2.4	10	<0.1	0.2	0.2	42	0.10	0.018
1198633	Soil	0.9	39.8	5.7	71	<0.1	24.1	15.1	612	3.78	5.9	7.5	3.9	2.8	65	<0.1	0.3	<0.1	77	0.38	0.028
1061518	Soil	0.5	18.8	5.0	75	<0.1	8.5	4.6	410	3.14	4.1	1.1	1.3	6.4	18	<0.1	0.3	0.1	26	0.14	0.021
1199340	Soil	1.4	11.7	14.1	53	<0.1	16.0	6.4	444	3.21	9.7	0.4	0.8	2.5	13	0.1	0.5	0.2	70	0.12	0.025
1199346	Soil	0.1	4.0	14.5	20	<0.1	1.6	0.5	227	0.51	<0.5	0.2	<0.5	1.7	30	<0.1	<0.1	<0.1	<2	0.21	0.005
1199345	Soil	0.7	3.6	17.8	18	<0.1	4.7	0.6	285	0.46	<0.5	0.1	1.4	1.7	28	<0.1	<0.1	<0.1	<2	0.21	0.005
1198637	Soil	0.6	28.4	6.5	69	<0.1	23.9	16.7	383	3.60	7.1	0.5	1.9	3.2	36	<0.1	0.4	0.1	100	0.26	0.023
1199339	Soil	1.0	15.0	12.4	56	<0.1	19.5	8.3	405	2.94	10.0	0.4	0.6	2.7	13	<0.1	0.5	0.2	61	0.10	0.020
1061522	Soil	0.7	30.9	8.0	76	0.2	20.1	16.0	727	4.78	6.9	0.8	2.6	2.5	31	0.1	0.6	0.1	88	0.68	0.116
1198661	Soil	1.1	16.0	9.0	78	<0.1	20.6	7.7	346	3.96	9.9	0.5	<0.5	3.4	15	<0.1	0.5	0.2	58	0.14	0.029
1199337	Soil	1.2	32.0	18.5	88	0.5	22.7	12.0	436	3.91	37.1	0.7	3.0	5.3	18	0.3	0.7	0.2	82	0.18	0.025
1199338	Soil	1.4	32.1	12.9	62	0.3	21.9	8.9	391	3.56	10.5	1.9	3.2	5.9	17	<0.1	0.7	0.2	74	0.14	0.027
1199344	Soil	0.2	3.7	15.0	21	<0.1	1.7	1.1	43	0.69	1.3	0.1	0.6	0.8	16	<0.1	<0.1	<0.1	4	0.08	0.004
1199343	Soil	1.0	10.2	13.7	49	<0.1	11.0	4.8	538	2.51	8.2	0.3	1.1	1.8	13	0.2	0.4	0.1	44	0.10	0.028
1199341	Soil	1.4	12.6	13.9	69	<0.1	18.5	8.3	479	3.25	10.1	0.4	1.6	3.2	13	<0.1	0.6	0.3	77	0.11	0.024
1198663	Soil	0.9	9.9	7.5	67	<0.1	8.3	5.4	552	3.07	3.9	0.4	1.4	2.4	13	<0.1	0.3	0.2	44	0.10	0.024
1199348	Soil	0.3	5.3	35.4	29	<0.1	5.0	2.0	120	1.02	1.3	0.2	<0.5	1.7	12	<0.1	0.2	<0.1	13	0.06	0.006
1198665	Soil	0.9	15.7	8.5	84	<0.1	15.7	8.2	445	3.75	6.5	0.6	0.9	4.0	16	<0.1	0.4	0.2	60	0.14	0.017
1199342	Soil	0.8	61.2	12.0	50	<0.1	9.9	4.3	243	2.78	4.9	0.6	1.9	3.5	13	<0.1	0.4	<0.1	26	0.08	0.011
1199347	Soil	0.2	2.7	16.8	21	<0.1	2.3	0.6	232	0.42	<0.5	0.1	0.8	1.3	29	<0.1	<0.1	<0.1	3	0.25	0.004
1035188	Soil	1.3	13.7	7.7	66	<0.1	9.9	14.3	1542	3.73	4.8	0.4	1.2	2.7	12	0.1	0.4	0.2	102	0.14	0.041
1035189	Soil	0.2	111.4	3.6	94	<0.1	19.3	26.3	1044	6.03	2.5	0.3	2.2	1.5	21	<0.1	0.1	<0.1	194	0.75	0.169
1035192	Soil	0.4	42.4	2.6	92	<0.1	9.2	19.9	953	6.61	1.5	0.4	<0.5	2.3	9	<0.1	0.1	<0.1	143	0.30	0.152
1035190	Soil	0.6	57.4	5.2	61	0.2	14.4	15.5	1349	3.73	2.4	1.1	1.6	1.6	50	0.1	0.4	<0.1	98	1.71	0.146
1035187	Soil	1.0	15.9	10.2	56	<0.1	16.8	9.8	461	3.51	7.3	0.4	1.0	3.0	15	0.1	0.4	0.2	73	0.18	0.028
1035193	Soil	0.7	98.8	3.5	99	<0.1	21.3	29.6	1219	6.94	6.8	0.6	1.4	2.9	29	<0.1	0.2	<0.1	219	0.80	0.260

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1198638	Soil	4	26	0.97	138	0.148	<1	2.51	0.015	0.08	0.1	<0.01	3.9	<0.1	<0.05	8	<0.5	<0.2
1061521	Soil	12	27	0.46	225	0.033	<1	2.18	0.008	0.10	0.1	0.02	3.4	0.1	0.10	8	<0.5	<0.2
1198636	Soil	6	38	0.99	171	0.122	<1	2.37	0.019	0.05	<0.1	0.01	2.8	<0.1	<0.05	6	<0.5	<0.2
1036462	Soil	13	36	0.57	403	0.063	1	2.06	0.012	0.06	0.2	0.03	3.0	<0.1	<0.05	6	<0.5	<0.2
1198662	Soil	13	14	0.29	92	0.080	<1	1.21	0.008	0.14	<0.1	0.02	2.4	<0.1	<0.05	8	<0.5	<0.2
1198633	Soil	14	43	1.28	257	0.090	<1	2.56	0.013	0.11	<0.1	0.02	6.6	0.1	<0.05	8	<0.5	<0.2
1061518	Soil	24	17	0.54	774	0.060	<1	1.63	0.010	0.34	<0.1	0.02	5.7	0.2	<0.05	6	<0.5	<0.2
1199340	Soil	9	29	0.45	186	0.042	<1	2.16	0.008	0.10	0.1	0.02	2.9	<0.1	<0.05	7	<0.5	<0.2
1199346	Soil	5	3	0.16	250	<0.001	<1	1.20	0.006	0.10	<0.1	0.01	1.3	<0.1	<0.05	3	<0.5	<0.2
1199345	Soil	5	8	0.15	246	<0.001	<1	1.03	0.006	0.10	<0.1	0.01	1.3	<0.1	<0.05	2	<0.5	<0.2
1198637	Soil	10	40	1.43	231	0.148	<1	2.91	0.023	0.07	<0.1	0.03	4.7	<0.1	<0.05	7	<0.5	<0.2
1199339	Soil	9	29	0.48	269	0.042	<1	2.45	0.012	0.07	0.1	0.02	2.6	<0.1	<0.05	7	<0.5	<0.2
1061522	Soil	13	23	0.70	369	0.022	<1	2.65	0.015	0.10	0.1	0.06	9.0	0.1	<0.05	7	<0.5	<0.2
1198661	Soil	12	32	0.62	181	0.069	<1	2.83	0.009	0.15	0.1	0.03	4.6	0.1	<0.05	8	<0.5	<0.2
1199337	Soil	13	33	0.64	251	0.059	1	2.41	0.012	0.16	0.1	0.04	6.1	0.2	<0.05	6	<0.5	<0.2
1199338	Soil	23	38	0.56	340	0.068	<1	2.76	0.011	0.07	0.1	0.05	7.5	0.1	<0.05	7	<0.5	<0.2
1199344	Soil	2	5	0.18	160	<0.001	<1	1.56	0.007	0.07	<0.1	0.03	0.7	<0.1	<0.05	3	<0.5	<0.2
1199343	Soil	7	19	0.32	178	0.009	<1	2.30	0.010	0.10	<0.1	0.02	1.8	<0.1	<0.05	7	<0.5	<0.2
1199341	Soil	10	36	0.47	358	0.073	1	2.36	0.014	0.08	0.2	0.03	2.7	0.1	<0.05	8	<0.5	<0.2
1198663	Soil	11	19	0.51	135	0.098	<1	1.79	0.016	0.21	<0.1	0.02	3.4	0.1	<0.05	9	<0.5	<0.2
1199348	Soil	5	9	0.16	202	0.005	<1	1.40	0.005	0.09	<0.1	0.02	1.1	<0.1	<0.05	3	<0.5	<0.2
1198665	Soil	14	30	0.83	170	0.105	<1	2.76	0.010	0.17	<0.1	0.02	4.8	0.1	<0.05	10	<0.5	<0.2
1199342	Soil	12	17	0.35	465	0.014	1	2.04	0.007	0.08	<0.1	0.02	3.4	0.1	<0.05	5	<0.5	<0.2
1199347	Soil	4	5	0.18	274	<0.001	<1	1.04	0.006	0.06	<0.1	<0.01	0.9	<0.1	<0.05	2	<0.5	<0.2
1035188	Soil	9	21	0.80	178	0.151	<1	1.63	0.012	0.46	<0.1	<0.01	5.2	0.2	<0.05	10	<0.5	<0.2
1035189	Soil	6	25	2.55	581	0.346	<1	3.81	0.021	1.17	0.1	0.02	12.9	0.4	<0.05	12	<0.5	<0.2
1035192	Soil	11	22	1.97	175	0.300	<1	3.57	0.008	1.33	<0.1	0.01	6.2	0.6	<0.05	12	<0.5	<0.2
1035190	Soil	12	27	1.01	270	0.140	2	1.89	0.022	0.53	<0.1	0.06	9.2	0.1	0.10	7	<0.5	<0.2
1035187	Soil	10	31	0.74	194	0.095	1	2.26	0.012	0.16	0.1	0.02	3.3	<0.1	<0.05	8	<0.5	<0.2
1035193	Soil	13	27	1.73	477	0.174	1	3.29	0.013	0.53	<0.1	0.01	15.3	0.3	<0.05	13	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1035191	Soil	0.3	62.2	4.2	46	<0.1	119.0	20.3	423	2.68	2.3	0.1	2.0	0.9	23	<0.1	0.1	<0.1	49	0.41	0.019
1035197	Soil	0.9	12.3	15.6	72	<0.1	9.2	6.1	284	2.81	4.4	0.4	1.3	2.4	17	<0.1	0.3	0.1	52	0.23	0.024
1037634	Soil	0.5	15.3	7.9	57	<0.1	11.9	8.0	286	2.71	2.6	0.6	1.3	5.3	19	<0.1	0.2	<0.1	41	0.22	0.020
1035196	Soil	0.8	49.3	8.8	98	0.2	19.4	16.3	631	4.52	4.9	1.2	4.3	3.0	49	<0.1	0.4	0.1	108	0.96	0.106
1035185	Soil	0.9	39.4	6.1	61	0.2	10.6	13.3	457	4.34	6.0	0.3	2.9	1.5	11	0.1	0.3	0.1	125	0.29	0.049
1035186	Soil	1.0	28.6	9.9	62	<0.1	23.3	11.2	394	3.36	9.2	0.6	4.7	4.2	23	0.1	0.6	0.2	77	0.27	0.036
1035194	Soil	1.4	20.9	10.5	64	<0.1	15.3	8.3	500	2.44	4.7	0.8	2.3	4.1	21	<0.1	0.2	0.2	43	0.32	0.042
1035179	Soil	0.5	22.5	5.4	87	0.1	18.1	12.2	293	2.35	4.9	0.2	1.3	1.1	5	0.2	0.2	0.1	61	0.16	0.014
1035180	Soil	0.4	88.7	5.5	350	0.3	12.8	18.1	2011	3.45	1.7	0.1	1.1	0.6	15	1.2	0.1	<0.1	98	0.34	0.101
1037633	Soil	0.5	16.0	8.9	55	<0.1	12.7	8.3	264	2.54	2.6	0.6	<0.5	5.0	16	<0.1	0.2	0.1	42	0.22	0.016

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600 - 666 Burrard St.
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Project: CHA
Report Date: July 14, 2011

CERTIFICATE OF ANALYSIS WHI11000374.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1035191	Soil	3	90	2.57	144	0.072	<1	2.77	0.026	0.06	<0.1	0.02	3.4	<0.1	<0.05	5	<0.5	<0.2
1035197	Soil	9	16	0.49	294	0.062	<1	1.91	0.010	0.23	<0.1	0.02	3.5	0.1	<0.05	8	<0.5	<0.2
1037634	Soil	16	20	0.58	824	0.037	<1	2.00	0.010	0.22	<0.1	0.02	3.0	0.1	<0.05	6	<0.5	<0.2
1035196	Soil	14	33	1.33	436	0.117	2	2.49	0.024	0.25	<0.1	0.06	10.9	0.1	0.08	8	<0.5	<0.2
1035185	Soil	5	18	1.04	182	0.168	1	2.64	0.037	0.29	<0.1	0.01	5.9	<0.1	<0.05	9	<0.5	<0.2
1035186	Soil	13	38	0.79	282	0.112	2	2.44	0.015	0.11	0.1	0.02	4.6	<0.1	<0.05	7	<0.5	<0.2
1035194	Soil	20	22	0.35	910	0.019	<1	1.46	0.008	0.11	<0.1	0.02	3.8	<0.1	<0.05	5	<0.5	<0.2
1035179	Soil	3	25	0.77	101	0.090	<1	1.72	0.018	0.05	<0.1	0.01	3.1	<0.1	<0.05	4	0.7	<0.2
1035180	Soil	2	12	1.20	458	0.165	1	2.16	0.018	0.49	<0.1	0.01	4.7	0.2	<0.05	6	<0.5	<0.2
1037633	Soil	15	21	0.59	917	0.034	<1	1.71	0.005	0.18	<0.1	<0.01	2.8	0.1	<0.05	6	0.7	<0.2

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Project: CHA
Report Date: July 14, 2011

QUALITY CONTROL REPORT WHI11000374.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1039843	Soil	1.2	11.1	10.8	90	<0.1	13.6	10.3	847	4.14	7.3	0.8	<0.5	6.0	16	0.1	0.4	0.1	73	0.15	0.069
REP 1039843	QC	1.2	11.0	11.0	91	<0.1	13.9	10.0	801	3.98	7.6	0.8	1.2	6.1	17	<0.1	0.4	0.1	70	0.16	0.072
1199298	Soil	1.0	21.7	9.4	60	<0.1	21.1	8.8	472	2.75	7.0	1.0	2.6	3.2	23	<0.1	0.5	0.1	62	0.28	0.035
REP 1199298	QC	0.9	23.1	9.4	63	<0.1	22.5	9.6	453	2.96	6.5	1.0	2.9	3.3	24	<0.1	0.5	0.1	60	0.29	0.037
1199294	Soil	0.9	15.0	13.9	48	<0.1	15.0	7.4	334	2.22	7.4	0.6	4.5	2.4	69	0.1	0.5	0.3	57	0.24	0.020
REP 1199294	QC	0.9	14.8	13.9	49	<0.1	15.0	7.0	323	2.23	7.2	0.5	3.5	2.3	70	0.1	0.5	0.3	56	0.24	0.017
1035169	Soil	2.7	60.5	3.9	85	<0.1	42.4	34.2	364	5.29	3.4	0.2	<0.5	0.9	14	<0.1	0.1	<0.1	160	0.30	0.073
REP 1035169	QC	2.7	57.2	3.8	82	<0.1	41.2	34.3	365	5.20	3.6	0.2	<0.5	0.9	13	<0.1	0.1	<0.1	159	0.29	0.071
1035195	Soil	0.7	8.3	6.3	57	<0.1	5.1	3.8	164	2.12	3.8	0.6	<0.5	2.9	11	<0.1	0.2	0.2	56	0.12	0.039
REP 1035195	QC	0.8	9.1	7.3	59	<0.1	5.5	4.1	171	2.17	3.7	0.6	0.8	2.9	11	<0.1	0.2	0.2	56	0.12	0.039
1194205	Soil	2.2	162.7	4.3	85	<0.1	80.7	39.8	791	6.89	2.5	0.7	1.0	1.8	12	<0.1	0.2	<0.1	192	0.30	0.031
REP 1194205	QC	2.2	167.8	4.3	86	<0.1	83.3	40.3	775	6.82	2.6	0.7	1.6	1.6	12	<0.1	0.2	<0.1	191	0.30	0.030
1004985	Soil	1.6	30.0	8.4	46	<0.1	9.2	7.5	326	3.28	5.3	0.6	2.6	2.3	15	0.1	0.4	0.4	115	0.13	0.036
REP 1004985	QC	1.5	31.3	8.8	49	<0.1	9.4	8.0	331	3.33	5.2	0.6	2.7	2.4	16	<0.1	0.3	0.4	117	0.13	0.036
1199343	Soil	1.0	10.2	13.7	49	<0.1	11.0	4.8	538	2.51	8.2	0.3	1.1	1.8	13	0.2	0.4	0.1	44	0.10	0.028
REP 1199343	QC	1.0	10.1	14.0	47	<0.1	11.6	4.7	559	2.46	8.2	0.3	<0.5	1.8	13	<0.1	0.4	0.2	46	0.11	0.028
1198665	Soil	0.9	15.7	8.5	84	<0.1	15.7	8.2	445	3.75	6.5	0.6	0.9	4.0	16	<0.1	0.4	0.2	60	0.14	0.017
REP 1198665	QC	0.8	15.5	8.0	80	<0.1	15.0	8.1	418	3.69	6.2	0.6	0.5	3.7	15	<0.1	0.4	0.2	58	0.14	0.016
1035194	Soil	1.4	20.9	10.5	64	<0.1	15.3	8.3	500	2.44	4.7	0.8	2.3	4.1	21	<0.1	0.2	0.2	43	0.32	0.042
REP 1035194	QC	1.1	20.6	10.4	65	<0.1	15.0	8.0	498	2.45	4.6	0.9	2.9	4.2	21	<0.1	0.2	0.2	44	0.31	0.046
Reference Materials																					
STD DS8	Standard	14.3	110.0	129.6	334	1.8	40.0	8.0	664	2.66	27.3	3.1	115.3	7.4	78	2.6	6.4	7.1	43	0.74	0.081
STD DS8	Standard	14.1	110.8	126.1	330	1.8	42.5	8.0	709	2.68	27.3	3.1	116.1	7.5	85	2.3	6.3	7.0	45	0.75	0.084
STD DS8	Standard	14.0	110.1	129.6	333	1.8	40.2	7.8	684	2.53	27.8	2.9	116.6	7.5	79	2.3	6.0	7.0	44	0.75	0.089
STD DS8	Standard	14.0	105.6	123.2	326	1.8	37.1	7.4	641	2.50	26.9	3.1	109.2	7.3	78	2.4	6.2	6.9	41	0.73	0.086
STD DS8	Standard	14.0	96.3	115.2	304	1.8	37.1	7.4	635	2.45	27.8	2.6	109.4	6.6	61	2.4	5.5	6.3	43	0.67	0.082
STD DS8	Standard	13.6	97.8	119.7	304	1.7	37.9	7.5	599	2.42	26.6	2.7	109.7	6.8	64	2.4	5.5	6.3	39	0.67	0.086
STD DS8	Standard	13.0	110.1	131.6	316	1.8	37.7	7.7	651	2.63	26.8	2.8	99.8	7.3	72	2.4	6.0	6.9	44	0.72	0.084

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Project: CHA
Report Date: July 14, 2011

QUALITY CONTROL REPORT WHI11000374.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1039843	Soil	12	25	0.86	136	0.149	<1	2.33	0.012	0.15	0.1	<0.01	2.6	<0.1	<0.05	10	<0.5	<0.2
REP 1039843	QC	12	26	0.85	134	0.149	<1	2.33	0.011	0.15	0.1	<0.01	2.3	<0.1	<0.05	10	<0.5	<0.2
1199298	Soil	14	37	0.64	317	0.058	1	1.64	0.010	0.06	<0.1	0.03	4.7	<0.1	<0.05	5	0.7	<0.2
REP 1199298	QC	14	36	0.68	324	0.060	<1	1.83	0.011	0.07	<0.1	0.03	4.9	<0.1	<0.05	5	<0.5	<0.2
1199294	Soil	12	30	0.44	330	0.052	<1	1.58	0.010	0.06	<0.1	0.02	3.2	<0.1	<0.05	5	<0.5	<0.2
REP 1199294	QC	12	29	0.47	327	0.053	1	1.59	0.010	0.05	<0.1	0.02	3.3	<0.1	<0.05	5	<0.5	<0.2
1035169	Soil	6	56	3.55	182	0.230	<1	4.41	0.017	0.52	<0.1	<0.01	6.5	0.3	<0.05	11	<0.5	<0.2
REP 1035169	QC	6	56	3.58	175	0.223	<1	4.19	0.018	0.52	<0.1	<0.01	6.6	0.3	<0.05	11	<0.5	<0.2
1035195	Soil	14	9	0.35	124	0.056	<1	1.19	0.005	0.18	<0.1	<0.01	1.2	0.2	<0.05	9	<0.5	<0.2
REP 1035195	QC	15	10	0.35	132	0.054	<1	1.19	0.007	0.18	<0.1	0.01	1.3	0.1	<0.05	10	0.7	<0.2
1194205	Soil	10	134	2.34	380	0.284	<1	3.63	0.018	0.81	<0.1	<0.01	12.9	0.5	<0.05	8	0.6	<0.2
REP 1194205	QC	10	132	2.32	380	0.285	<1	3.73	0.017	0.81	<0.1	<0.01	12.6	0.5	<0.05	8	<0.5	<0.2
1004985	Soil	11	18	0.63	157	0.130	1	1.54	0.011	0.22	<0.1	<0.01	4.6	0.1	<0.05	9	<0.5	0.3
REP 1004985	QC	10	18	0.64	158	0.132	<1	1.58	0.012	0.23	<0.1	<0.01	4.7	0.2	0.06	9	<0.5	0.4
1199343	Soil	7	19	0.32	178	0.009	<1	2.30	0.010	0.10	<0.1	0.02	1.8	<0.1	<0.05	7	<0.5	<0.2
REP 1199343	QC	6	19	0.32	174	0.010	<1	2.31	0.004	0.10	<0.1	0.01	2.0	0.1	<0.05	7	<0.5	<0.2
1198665	Soil	14	30	0.83	170	0.105	<1	2.76	0.010	0.17	<0.1	0.02	4.8	0.1	<0.05	10	<0.5	<0.2
REP 1198665	QC	14	28	0.77	171	0.095	<1	2.66	0.008	0.16	<0.1	0.02	4.6	0.2	<0.05	9	<0.5	<0.2
1035194	Soil	20	22	0.35	910	0.019	<1	1.46	0.008	0.11	<0.1	0.02	3.8	<0.1	<0.05	5	<0.5	<0.2
REP 1035194	QC	21	21	0.35	898	0.020	<1	1.46	0.008	0.11	<0.1	0.03	4.0	<0.1	<0.05	5	0.7	<0.2
Reference Materials																		
STD DS8	Standard	16	123	0.64	310	0.129	4	0.97	0.107	0.46	3.3	0.20	2.2	5.5	0.17	5	5.5	5.6
STD DS8	Standard	18	129	0.66	312	0.136	2	1.05	0.116	0.45	3.3	0.21	2.3	5.5	0.15	5	5.0	5.4
STD DS8	Standard	17	123	0.67	304	0.127	2	1.03	0.114	0.47	3.3	0.21	2.3	5.8	0.17	5	5.6	5.7
STD DS8	Standard	16	114	0.66	309	0.121	2	1.04	0.110	0.44	3.4	0.21	2.2	5.6	0.17	5	5.4	5.7
STD DS8	Standard	15	120	0.61	292	0.107	2	0.91	0.095	0.40	3.0	0.22	1.8	5.1	0.16	5	5.9	4.9
STD DS8	Standard	15	115	0.62	288	0.102	2	0.92	0.095	0.39	2.8	0.21	1.7	5.4	0.17	5	5.5	4.9
STD DS8	Standard	15	124	0.68	286	0.121	2	1.03	0.101	0.43	3.3	0.20	2.2	5.8	0.10	5	5.2	5.1

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Project: CHA
Report Date: July 14, 2011

QUALITY CONTROL REPORT WHI11000374.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8	Standard	13.1	105.8	126.6	301	1.6	36.7	7.1	610	2.35	24.6	2.9	108.9	7.0	70	2.2	6.1	6.5	40	0.70	0.076
STD DS8	Standard	13.3	110.7	127.7	313	1.8	39.1	7.8	659	2.48	25.5	3.0	113.6	7.7	69	2.0	5.6	6.5	44	0.70	0.080
STD DS8	Standard	13.6	106.5	132.5	308	1.8	38.4	7.3	621	2.52	25.3	3.1	110.9	7.7	72	2.2	5.8	6.9	43	0.71	0.079
STD DS8	Standard	12.8	106.5	126.4	299	1.6	36.9	7.3	589	2.33	24.0	2.6	99.5	6.8	60	2.1	5.0	6.3	41	0.66	0.071
STD DS8	Standard	14.8	119.9	132.2	333	1.8	42.8	8.5	672	2.57	26.8	3.0	109.3	7.6	72	2.4	5.4	6.4	47	0.76	0.078
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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

Project: CHA
Report Date: July 14, 2011

QUALITY CONTROL REPORT WHI11000374.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	15	115	0.59	275	0.119	2	1.05	0.099	0.43	3.3	0.19	2.0	5.4	0.15	5	5.2	5.4
STD DS8	Standard	17	120	0.65	277	0.125	2	0.97	0.093	0.44	3.2	0.21	2.0	5.8	0.21	5	5.2	5.3
STD DS8	Standard	16	118	0.63	289	0.118	3	0.96	0.090	0.42	3.2	0.19	2.0	6.0	0.18	5	5.5	5.5
STD DS8	Standard	14	115	0.58	253	0.114	2	0.88	0.083	0.39	2.8	0.20	2.0	5.9	0.11	5	5.1	4.8
STD DS8	Standard	17	132	0.65	289	0.135	3	1.00	0.093	0.43	3.0	0.22	2.4	6.0	0.20	5	5.4	5.3
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

Submitted By: Mike Skead
Receiving Lab: Canada-Whitehorse
Received: June 29, 2011
Report Date: July 20, 2011
Page: 1 of 7

CERTIFICATE OF ANALYSIS WHI11000419.1

CLIENT JOB INFORMATION

Project: CHA
Shipment ID:
P.O. Number
Number of Samples: 167

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	167	Dry at 60C			VAN
SS80	167	Dry at 60C sieve 100g to -80 mesh			VAN
1DX2	167	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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

Project: CHA
Report Date: July 20, 2011

CERTIFICATE OF ANALYSIS WHI11000419.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1193812	Soil	1.4	27.8	12.7	56	0.1	32.4	12.2	345	3.15	30.4	0.7	2.5	5.0	29	0.2	0.7	0.4	72	0.20	0.038
1193814	Soil	0.9	26.1	35.7	75	0.1	23.4	11.4	583	3.22	14.4	0.7	4.3	4.3	26	0.1	0.7	0.2	76	0.32	0.062
1193833	Soil	1.0	13.3	7.5	47	<0.1	16.7	9.5	374	3.33	5.4	0.5	0.5	2.8	28	<0.1	0.3	0.2	90	0.36	0.056
1193811	Soil	0.9	24.2	13.5	56	0.2	17.4	8.6	301	2.65	15.6	0.7	6.5	3.0	42	0.2	0.4	0.4	66	0.33	0.048
1193818	Soil	0.6	10.8	7.8	28	<0.1	6.8	4.0	165	1.56	1.9	0.3	0.9	1.2	71	0.1	0.2	0.1	49	0.34	0.028
1193819	Soil	0.3	4.7	11.0	133	<0.1	4.2	13.8	743	4.09	3.5	0.3	<0.5	0.8	85	<0.1	0.2	0.1	96	0.43	0.074
1193803	Soil	0.7	11.6	5.9	44	<0.1	10.3	13.6	1005	4.03	2.9	0.4	1.0	1.8	36	<0.1	0.3	0.1	90	0.66	0.137
1193816	Soil	0.8	11.8	9.4	45	<0.1	12.2	6.7	317	2.53	5.0	0.4	<0.5	1.9	38	0.2	0.4	0.2	70	0.33	0.071
1193838	Soil	1.0	202.9	33.1	81	0.7	42.4	44.4	584	3.55	15.6	0.2	645.0	1.1	65	0.2	0.4	1.4	81	0.78	0.068
1193815	Soil	0.8	38.1	124.6	224	0.3	21.1	16.1	731	4.32	9.3	0.6	1.4	2.8	76	0.5	0.5	0.2	131	0.74	0.122
1193810	Soil	1.1	24.1	12.2	68	<0.1	22.7	9.8	372	3.53	17.9	0.5	2.5	2.2	21	0.3	0.6	0.5	94	0.17	0.048
1193840	Soil	1.3	31.8	9.0	65	<0.1	16.4	23.1	485	5.78	15.7	0.2	<0.5	1.3	20	<0.1	0.5	0.3	170	0.58	0.099
1193839	Soil	1.3	33.7	8.6	65	<0.1	14.3	23.8	494	5.82	17.7	0.2	0.5	1.1	21	<0.1	0.4	0.2	173	0.61	0.107
1193841	Soil	1.0	65.8	22.4	56	0.1	28.2	24.1	338	2.67	10.3	0.2	3.2	0.9	29	0.1	0.4	0.5	77	0.49	0.026
1193823	Soil	0.6	8.7	9.3	14	<0.1	2.1	1.5	49	0.64	1.3	0.3	0.8	0.1	11	0.1	0.1	0.2	32	0.10	0.022
1193835	Soil	1.0	24.8	4.7	56	<0.1	75.4	24.4	1011	4.61	6.4	0.3	<0.5	1.3	25	0.2	0.2	0.2	124	0.59	0.085
1193830	Soil	1.0	21.8	9.3	60	0.1	17.5	12.7	336	3.16	7.8	0.5	2.5	2.6	18	0.1	0.4	0.2	81	0.29	0.047
1193836	Soil	1.0	24.6	5.8	93	<0.1	27.2	28.0	1055	6.34	5.1	0.3	<0.5	1.7	24	0.2	0.2	0.1	170	0.71	0.195
1193828	Soil	1.7	11.3	7.6	45	<0.1	9.0	8.3	423	2.90	3.9	0.3	1.8	1.1	109	<0.1	0.3	0.1	93	0.23	0.037
1193831	Soil	2.1	27.0	11.2	55	0.1	10.5	22.9	608	4.65	18.2	0.3	1.9	1.8	20	<0.1	0.8	0.3	120	0.42	0.084
1193813	Soil	1.6	17.3	16.0	138	0.2	21.8	8.4	351	2.79	19.9	0.6	2.3	2.6	13	0.5	0.6	0.4	76	0.11	0.039
1193817	Soil	1.0	13.2	9.2	47	<0.1	17.9	10.1	425	3.52	7.6	0.4	<0.5	2.6	39	<0.1	0.5	0.2	104	0.33	0.029
1193827	Soil	0.8	10.5	7.2	73	<0.1	13.5	16.4	925	4.18	3.7	0.5	<0.5	2.5	26	<0.1	0.2	<0.1	92	0.47	0.124
1193826	Soil	1.1	15.4	8.5	62	<0.1	17.5	14.0	1152	4.15	5.2	0.5	<0.5	3.0	48	0.2	0.5	0.1	99	0.75	0.144
1193825	Soil	1.4	73.1	9.6	79	0.1	21.7	23.7	673	4.35	10.5	0.5	3.6	2.2	24	0.2	0.7	0.2	100	0.51	0.075
1193821	Soil	1.0	145.0	2.4	106	0.8	31.8	38.6	961	7.92	5.2	0.2	<0.5	0.6	11	0.2	0.3	<0.1	202	0.22	0.048
1193804	Soil	1.1	15.9	9.1	56	<0.1	15.8	10.3	546	3.44	7.1	0.5	<0.5	1.5	41	0.2	0.3	0.1	87	0.45	0.062
1193822	Soil	1.5	31.6	12.1	70	<0.1	23.4	22.0	511	4.26	10.5	0.5	2.8	3.2	17	0.1	0.6	0.2	101	0.24	0.039
1193829	Soil	0.9	14.2	9.4	56	<0.1	17.4	9.5	360	3.00	4.6	0.4	1.5	2.5	75	0.2	0.3	0.2	82	0.32	0.043
1193824	Soil	1.5	16.5	6.4	96	<0.1	7.6	20.7	945	7.12	5.5	0.2	1.1	1.2	18	0.1	0.4	0.1	147	0.52	0.155

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

Project: CHA
Report Date: July 20, 2011

CERTIFICATE OF ANALYSIS WHI11000419.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1193812	Soil		14	32	0.55	223	0.056	1	2.40	0.010	0.09	0.1	0.02	3.2	0.2	<0.05	7	<0.5	<0.2
1193814	Soil		16	35	0.75	253	0.070	2	2.23	0.014	0.09	0.1	0.02	4.7	0.2	<0.05	6	<0.5	<0.2
1193833	Soil		13	28	0.90	249	0.041	<1	2.55	0.010	0.05	<0.1	<0.01	4.4	<0.1	<0.05	7	<0.5	<0.2
1193811	Soil		12	28	0.60	211	0.067	<1	1.85	0.015	0.06	0.1	0.03	3.9	<0.1	<0.05	6	0.6	<0.2
1193818	Soil		8	13	0.34	190	0.046	<1	1.29	0.019	0.05	<0.1	0.01	2.3	0.1	<0.05	6	0.5	<0.2
1193819	Soil		7	6	1.72	102	0.101	<1	3.17	0.008	0.02	<0.1	0.02	3.6	0.1	<0.05	10	<0.5	<0.2
1193803	Soil		19	20	1.32	249	0.014	<1	2.72	0.008	0.07	<0.1	0.01	5.5	<0.1	<0.05	7	<0.5	<0.2
1193816	Soil		10	19	0.44	177	0.073	1	1.36	0.020	0.06	0.2	0.03	2.4	<0.1	<0.05	5	<0.5	<0.2
1193838	Soil		4	71	1.50	101	0.099	2	2.73	0.011	0.09	1.2	0.01	5.9	0.2	<0.05	7	0.5	0.3
1193815	Soil		17	38	1.40	365	0.100	1	2.74	0.021	0.14	0.1	0.03	6.6	0.2	<0.05	9	<0.5	<0.2
1193810	Soil		9	34	0.51	208	0.079	2	2.58	0.012	0.06	0.2	0.03	3.3	0.1	<0.05	8	<0.5	<0.2
1193840	Soil		6	21	1.33	105	0.215	<1	2.26	0.011	0.10	0.2	<0.01	5.4	0.2	<0.05	11	<0.5	<0.2
1193839	Soil		6	18	1.36	112	0.197	<1	2.16	0.012	0.12	0.2	0.01	5.6	0.3	<0.05	11	<0.5	<0.2
1193841	Soil		3	56	1.12	57	0.178	<1	1.57	0.016	0.05	0.4	<0.01	4.4	0.1	<0.05	6	<0.5	<0.2
1193823	Soil		8	9	0.05	76	0.047	<1	0.63	0.010	0.03	<0.1	0.01	0.6	0.1	<0.05	5	<0.5	<0.2
1193835	Soil		7	90	1.64	117	0.155	<1	2.12	0.015	0.11	0.2	0.02	7.1	0.1	<0.05	9	<0.5	<0.2
1193830	Soil		10	25	0.68	139	0.096	<1	1.94	0.010	0.06	0.2	0.03	4.0	0.1	<0.05	8	<0.5	<0.2
1193836	Soil		8	32	1.67	129	0.167	1	2.41	0.013	0.20	0.2	0.02	9.0	0.2	<0.05	12	<0.5	<0.2
1193828	Soil		8	23	0.73	173	0.034	<1	1.79	0.011	0.07	<0.1	0.02	3.9	<0.1	<0.05	8	<0.5	<0.2
1193831	Soil		8	18	0.83	104	0.162	<1	2.03	0.011	0.08	0.2	0.03	4.5	0.2	<0.05	10	<0.5	<0.2
1193813	Soil		11	31	0.33	186	0.044	<1	2.25	0.008	0.05	0.1	0.05	2.9	0.2	<0.05	7	<0.5	<0.2
1193817	Soil		12	31	0.74	262	0.059	<1	2.59	0.015	0.05	<0.1	0.01	4.6	0.3	<0.05	8	<0.5	<0.2
1193827	Soil		20	34	1.83	140	0.031	<1	2.72	0.010	0.06	<0.1	0.03	9.4	<0.1	<0.05	8	0.7	<0.2
1193826	Soil		23	27	1.20	265	0.026	<1	2.41	0.018	0.08	<0.1	0.02	8.3	<0.1	<0.05	7	0.7	<0.2
1193825	Soil		9	21	1.07	140	0.120	<1	2.25	0.011	0.07	0.1	<0.01	6.0	0.1	<0.05	9	<0.5	<0.2
1193821	Soil		3	17	2.99	37	0.069	<1	4.54	0.005	0.02	<0.1	0.03	19.3	<0.1	<0.05	16	<0.5	<0.2
1193804	Soil		11	27	0.77	237	0.047	<1	2.19	0.012	0.06	<0.1	0.01	3.9	<0.1	<0.05	7	<0.5	<0.2
1193822	Soil		9	32	0.77	193	0.113	2	2.91	0.010	0.06	0.2	0.03	3.6	0.1	0.08	8	<0.5	<0.2
1193829	Soil		9	26	0.81	190	0.041	2	2.15	0.016	0.06	<0.1	0.02	3.9	<0.1	<0.05	7	<0.5	<0.2
1193824	Soil		6	11	1.56	105	0.240	2	2.76	0.007	0.25	0.2	0.01	8.2	0.2	<0.05	14	<0.5	<0.2

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Vancouver BC V6C 1H2 Canada

Project: CHA
Report Date: July 20, 2011

CERTIFICATE OF ANALYSIS WHI11000419.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1053096	Soil	0.7	15.4	8.4	73	<0.1	15.8	11.3	309	3.09	3.6	0.4	3.4	2.9	97	0.1	0.4	0.1	84	0.63	0.075
1193843	Soil	0.5	18.1	9.1	54	<0.1	18.6	11.3	369	2.64	4.3	0.7	5.7	2.6	63	<0.1	0.4	0.2	72	0.57	0.069
1193820	Soil	0.9	74.6	19.3	83	0.2	31.5	19.4	531	4.12	12.8	1.2	3.4	1.5	39	0.4	0.6	0.2	89	0.53	0.083
1053349	Soil	1.4	35.8	41.5	127	0.2	25.6	10.6	966	3.39	40.4	1.3	7.9	4.7	37	0.7	1.6	0.3	68	0.28	0.038
1053338	Soil	1.1	23.7	21.1	78	<0.1	23.4	7.7	562	2.87	15.2	0.9	3.3	4.2	37	0.3	0.9	0.2	58	0.34	0.044
1053337	Soil	0.9	32.7	3.3	83	<0.1	6.1	13.3	580	4.12	2.2	1.2	<0.5	14.9	12	<0.1	0.1	<0.1	43	0.08	0.021
1053094	Soil	0.7	21.1	13.8	71	<0.1	23.3	11.8	683	3.54	8.4	0.8	2.5	4.0	51	0.2	0.5	0.2	85	0.48	0.043
1053088	Soil	5.9	28.4	36.5	52	0.3	22.4	8.5	240	2.80	27.7	0.9	3.6	5.2	29	0.2	1.3	0.2	62	0.13	0.026
1053092	Soil	0.7	18.7	23.4	87	<0.1	21.1	12.3	798	3.88	6.8	0.7	1.6	3.7	73	0.3	0.5	0.2	98	0.58	0.076
1053350	Soil	1.3	22.0	28.3	83	0.2	19.4	7.6	357	2.68	28.0	0.8	7.4	4.0	22	0.4	0.9	0.2	55	0.21	0.031
1053089	Soil	12.3	23.3	68.0	45	0.7	15.7	6.2	176	2.74	57.1	0.8	2.2	5.2	35	0.2	1.9	0.2	52	0.10	0.033
1053339	Soil	1.3	25.4	7.7	71	0.2	20.0	10.9	1066	3.76	6.7	0.5	5.8	3.0	36	0.2	0.4	0.2	67	0.65	0.110
1053493	Soil	0.9	22.3	17.6	75	0.1	23.6	9.9	477	3.18	10.4	0.8	5.5	4.6	49	0.2	0.6	0.2	66	0.53	0.045
1053341	Soil	1.0	71.9	5.8	58	0.3	18.3	13.3	500	4.07	5.4	0.2	0.6	1.1	23	0.2	0.4	0.1	96	0.27	0.056
1053348	Soil	1.4	24.8	36.1	95	0.2	20.9	8.2	631	2.89	23.1	1.1	3.8	3.4	36	0.7	1.2	0.3	55	0.34	0.042
1053499	Soil	1.8	26.6	136.9	81	<0.1	6.9	8.9	595	2.84	1.0	1.7	0.6	12.8	38	0.2	0.1	0.4	23	0.39	0.061
1053492	Soil	0.6	24.2	16.2	74	0.2	21.7	10.0	523	2.69	6.8	0.8	1.3	3.2	67	0.3	0.4	0.3	59	0.67	0.046
1053093	Soil	0.6	34.9	17.5	76	0.1	23.9	12.8	742	3.57	9.0	0.8	2.7	4.4	63	0.3	0.6	0.2	82	0.63	0.075
1053344	Soil	0.9	180.0	6.7	73	0.2	18.0	23.1	655	5.11	8.7	0.7	6.2	3.2	22	0.1	0.6	0.2	100	0.16	0.025
1053346	Soil	1.1	44.3	26.4	80	0.2	37.1	11.5	735	3.34	15.2	0.9	4.7	4.0	44	0.3	1.0	0.2	69	0.49	0.039
1053087	Soil	0.4	5.2	8.5	80	<0.1	6.7	13.5	989	4.00	2.7	0.2	2.5	1.0	127	0.3	0.3	0.3	90	0.50	0.103
1053345	Soil	0.8	61.6	21.0	83	<0.1	56.2	16.1	891	3.63	12.5	0.7	4.6	4.0	41	0.1	0.9	0.2	78	0.49	0.042
1053498	Soil	0.6	89.6	11.1	80	0.2	33.6	15.1	577	3.41	11.4	0.4	4.0	3.7	37	0.1	0.7	0.2	76	0.73	0.041
1053347	Soil	1.1	31.4	23.6	97	0.2	25.8	7.8	450	3.06	16.1	0.8	3.9	4.4	40	0.4	1.0	0.2	63	0.43	0.056
1053500	Soil	1.0	9.3	9.5	49	<0.1	7.1	7.1	304	3.24	6.0	1.3	<0.5	10.4	13	0.1	0.4	0.6	44	0.11	0.036
1053343	Soil	1.3	92.9	29.8	91	0.5	32.5	31.4	856	8.08	4.5	0.2	5.6	1.0	35	0.2	0.7	0.2	212	0.73	0.071
1053497	Soil	1.0	33.0	9.3	55	<0.1	26.2	12.7	406	3.14	8.2	0.5	1.8	3.2	29	0.1	0.5	0.2	81	0.39	0.021
1053090	Soil	0.5	11.4	87.1	224	<0.1	12.4	16.3	1202	4.56	10.5	0.6	1.8	2.7	97	0.8	0.8	0.1	105	0.69	0.120
1053342	Soil	2.1	21.5	42.8	70	0.3	18.8	6.5	222	2.50	62.7	0.6	3.2	3.7	19	0.4	1.0	0.2	55	0.17	0.022
1053091	Soil	1.0	21.8	31.8	80	<0.1	20.6	11.1	863	3.31	5.8	0.9	1.4	3.0	109	0.6	0.3	0.2	86	0.48	0.039

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

Project: CHA
Report Date: July 20, 2011

CERTIFICATE OF ANALYSIS WHI11000419.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1053096	Soil		12	30	1.11	160	0.063	<1	1.99	0.028	0.06	0.1	0.03	4.9	<0.1	0.06	6	<0.5	<0.2
1193843	Soil		13	28	0.86	274	0.048	1	2.19	0.019	0.05	0.1	0.04	4.7	0.1	0.06	6	<0.5	<0.2
1193820	Soil		13	50	1.03	282	0.083	2	2.73	0.015	0.05	0.1	0.06	5.5	0.1	0.07	7	0.6	<0.2
1053349	Soil		18	37	0.62	324	0.063	2	2.10	0.015	0.09	0.2	0.03	6.1	0.1	0.06	5	0.8	<0.2
1053338	Soil		16	32	0.57	303	0.056	1	1.81	0.015	0.06	0.1	0.02	3.7	0.1	0.05	5	<0.5	<0.2
1053337	Soil		8	11	1.58	103	0.129	<1	2.80	0.007	0.45	<0.1	0.01	3.1	0.2	<0.05	10	<0.5	<0.2
1053094	Soil		18	35	0.91	325	0.075	1	2.45	0.016	0.06	<0.1	0.03	5.7	<0.1	<0.05	7	<0.5	<0.2
1053088	Soil		18	33	0.50	197	0.056	2	2.09	0.011	0.09	0.1	0.03	3.8	0.1	0.07	5	<0.5	<0.2
1053092	Soil		21	35	1.07	267	0.067	1	2.61	0.015	0.06	<0.1	0.02	5.8	<0.1	<0.05	8	<0.5	<0.2
1053350	Soil		15	28	0.50	212	0.048	2	1.65	0.010	0.07	0.1	0.03	2.9	0.1	<0.05	5	<0.5	<0.2
1053089	Soil		17	27	0.35	193	0.032	<1	1.52	0.010	0.10	<0.1	0.02	2.9	0.2	0.11	4	<0.5	<0.2
1053339	Soil		18	25	0.77	239	0.060	2	2.15	0.018	0.11	0.1	0.08	6.3	<0.1	<0.05	8	<0.5	<0.2
1053493	Soil		20	33	0.71	321	0.038	1	2.51	0.015	0.08	<0.1	0.02	4.7	0.1	<0.05	6	<0.5	<0.2
1053341	Soil		5	40	1.04	97	0.146	<1	2.33	0.010	0.06	0.1	0.03	3.1	<0.1	<0.05	8	<0.5	<0.2
1053348	Soil		17	32	0.56	292	0.041	2	1.83	0.014	0.08	0.2	0.03	4.2	0.1	<0.05	5	0.5	<0.2
1053499	Soil		18	8	0.77	944	0.012	<1	1.89	0.005	0.18	0.1	<0.01	1.8	0.2	<0.05	6	<0.5	<0.2
1053492	Soil		20	29	0.61	339	0.029	1	2.14	0.014	0.08	<0.1	0.02	3.5	0.2	<0.05	6	<0.5	<0.2
1053093	Soil		23	33	0.90	351	0.073	<1	2.35	0.024	0.06	0.1	0.04	5.9	<0.1	<0.05	7	<0.5	<0.2
1053344	Soil		8	24	1.37	123	0.101	<1	3.16	0.008	0.08	0.1	0.06	5.1	<0.1	<0.05	7	<0.5	<0.2
1053346	Soil		16	53	0.80	363	0.065	1	2.21	0.024	0.07	0.1	0.06	6.0	0.1	<0.05	5	<0.5	<0.2
1053087	Soil		12	9	1.56	191	0.008	<1	3.07	0.009	0.05	<0.1	0.01	3.8	<0.1	<0.05	8	<0.5	<0.2
1053345	Soil		16	80	1.18	322	0.094	1	2.52	0.019	0.08	0.2	0.09	6.8	0.1	<0.05	6	<0.5	<0.2
1053498	Soil		15	43	0.90	226	0.084	2	2.05	0.032	0.07	0.2	0.08	5.5	<0.1	<0.05	6	<0.5	<0.2
1053347	Soil		17	35	0.62	349	0.063	2	1.93	0.020	0.07	0.1	0.03	4.8	<0.1	<0.05	5	0.5	<0.2
1053500	Soil		5	14	0.51	127	0.008	<1	2.15	0.007	0.10	0.2	0.01	3.4	<0.1	<0.05	6	<0.5	<0.2
1053343	Soil		8	62	2.26	84	0.305	1	4.17	0.011	0.04	0.3	0.10	22.1	<0.1	<0.05	15	<0.5	<0.2
1053497	Soil		10	38	0.84	261	0.089	<1	2.27	0.013	0.06	0.1	0.02	4.1	<0.1	<0.05	6	<0.5	<0.2
1053090	Soil		25	21	1.48	283	0.031	<1	2.92	0.013	0.05	<0.1	0.04	7.6	0.1	<0.05	8	<0.5	<0.2
1053342	Soil		14	26	0.49	200	0.027	1	1.88	0.008	0.07	0.1	0.01	2.6	0.1	<0.05	5	<0.5	<0.2
1053091	Soil		24	36	0.85	279	0.042	<1	2.81	0.015	0.05	<0.1	0.03	5.5	0.1	<0.05	8	<0.5	<0.2

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

Project: CHA
Report Date: July 20, 2011

CERTIFICATE OF ANALYSIS WHI11000419.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1053495	Soil	2.0	24.7	15.1	78	0.5	27.3	12.5	307	3.63	11.3	1.2	1.1	12.5	16	0.4	0.6	0.3	70	0.15	0.045
1053496	Soil	0.4	94.3	4.1	72	<0.1	35.2	26.3	695	4.66	5.2	0.3	5.0	1.9	22	<0.1	0.3	<0.1	112	0.42	0.054
1053340	Soil	1.3	22.3	7.9	91	0.1	11.7	17.6	587	5.18	5.2	0.3	0.8	1.3	16	0.2	0.6	0.2	180	0.25	0.053
1053095	Soil	0.8	23.4	17.8	66	0.1	19.4	12.5	1229	3.21	7.2	1.0	2.5	2.6	58	0.5	0.4	0.2	74	0.61	0.045
1043978	Soil	0.6	53.3	9.8	65	0.1	23.9	14.2	672	3.28	8.3	0.6	5.3	3.3	29	0.1	0.5	0.2	72	0.47	0.042
1043998	Soil	0.7	25.7	20.7	59	<0.1	20.1	8.2	347	2.41	7.4	0.8	2.4	3.5	46	0.2	0.6	0.3	53	0.33	0.035
1043977	Soil	2.0	17.6	25.0	81	0.2	18.8	16.2	756	3.24	21.7	0.5	2.3	3.4	14	0.5	0.9	0.4	85	0.11	0.032
1004441	Soil	0.9	19.4	17.9	72	0.2	19.8	12.8	666	3.52	10.4	0.6	5.1	2.4	61	0.1	0.5	0.4	87	0.45	0.110
1043993	Soil	0.8	13.1	25.2	73	<0.1	7.1	2.8	362	1.32	20.3	1.0	7.0	8.4	65	0.1	0.6	0.3	13	0.31	0.041
1043986	Soil	0.3	93.5	3.0	67	<0.1	18.7	26.7	703	4.46	3.2	0.4	3.6	2.1	43	<0.1	0.4	<0.1	94	0.35	0.017
1043994	Soil	0.7	12.7	20.1	46	<0.1	12.7	6.5	355	1.88	9.5	0.5	2.9	2.8	45	0.1	0.4	0.2	39	0.22	0.028
1004447	Soil	0.4	175.5	2.0	69	<0.1	16.5	26.2	1211	4.60	3.8	0.1	1.9	1.0	42	0.2	0.4	<0.1	120	0.41	0.052
1043979	Soil	0.3	45.5	4.4	79	0.1	15.4	26.5	1336	5.43	2.4	0.4	5.6	1.9	12	<0.1	0.4	<0.1	98	0.25	0.057
1043989	Soil	0.9	15.2	15.8	71	0.1	17.3	9.3	448	3.18	8.3	0.6	7.2	2.8	68	0.2	0.4	0.3	90	0.62	0.136
1043991	Soil	3.0	27.7	56.0	95	0.3	23.2	6.0	1173	1.93	55.2	0.8	2.6	3.6	10	0.5	0.6	0.3	33	0.06	0.030
1043984	Soil	0.3	59.1	2.2	66	<0.1	13.6	25.4	817	5.13	2.5	0.1	1.7	1.2	28	<0.1	0.3	<0.1	119	0.27	0.026
1004446	Soil	1.1	16.6	20.3	61	0.1	19.3	10.3	309	3.30	9.6	0.4	2.4	2.4	109	0.2	0.5	0.2	77	0.43	0.069
1043988	Soil	0.7	15.4	16.7	64	<0.1	19.3	10.4	405	3.61	10.0	0.5	2.2	2.9	39	<0.1	0.5	0.2	91	0.38	0.103
1043987	Soil	0.8	10.3	26.5	74	<0.1	13.0	8.2	457	5.13	10.4	0.4	19.2	1.9	38	0.5	0.4	0.8	130	0.54	0.167
1043975	Soil	1.1	22.0	32.1	98	<0.1	27.3	9.1	263	2.95	16.8	0.7	4.1	3.3	14	0.4	0.8	0.3	69	0.13	0.033
1043976	Soil	1.1	19.2	54.5	104	0.2	24.7	8.8	353	3.21	22.2	0.5	3.4	2.2	16	0.8	0.7	0.3	73	0.13	0.040
1043974	Soil	1.3	15.3	14.2	45	0.2	9.0	13.7	862	2.19	4.4	0.4	1.0	0.5	33	0.2	0.3	0.2	50	0.18	0.048
1004448	Soil	0.5	128.4	1.7	89	<0.1	19.5	34.8	1244	5.77	2.3	0.1	0.6	1.0	40	<0.1	0.4	<0.1	190	0.47	0.058
1004443	Soil	1.0	25.8	39.1	81	0.2	19.1	14.4	378	3.28	19.1	0.7	30.9	3.6	73	0.3	0.5	0.7	85	0.66	0.133
1004445	Soil	1.2	17.7	27.2	72	0.1	22.4	10.0	378	3.24	11.6	0.6	3.6	2.0	86	0.3	0.5	0.3	81	0.35	0.071
1004440	Soil	0.8	13.7	20.1	65	<0.1	18.0	10.0	361	3.69	9.1	0.5	4.3	2.7	50	0.1	0.5	0.2	92	0.46	0.110
1004442	Soil	1.6	21.0	22.2	68	0.2	15.1	9.8	610	3.64	15.3	0.4	34.6	1.9	42	0.3	0.5	0.5	97	0.38	0.064
1043992	Soil	1.3	21.8	19.2	110	0.1	16.4	6.5	449	2.89	22.9	0.7	5.7	3.4	22	0.3	0.6	0.3	59	0.14	0.051
1004444	Soil	1.0	12.8	18.4	64	<0.1	16.3	9.6	446	4.97	10.8	0.4	51.0	1.9	35	0.2	0.4	0.6	122	0.46	0.115
1043980	Soil	0.9	68.7	11.3	94	<0.1	27.3	15.7	1130	3.77	8.2	0.8	5.5	4.7	30	0.2	0.7	0.2	85	0.38	0.043

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1053495	Soil	28	41	0.56	262	0.068	2	3.57	0.011	0.09	0.1	0.07	3.8	0.1	<0.05	7	<0.5	<0.2
1053496	Soil	8	44	2.45	86	0.117	<1	3.08	0.008	0.05	0.1	0.01	9.2	<0.1	<0.05	8	<0.5	<0.2
1053340	Soil	6	17	0.76	97	0.160	2	2.01	0.010	0.05	0.2	0.04	5.1	<0.1	<0.05	10	<0.5	<0.2
1053095	Soil	20	27	0.74	342	0.036	<1	2.35	0.015	0.05	0.1	0.03	4.3	<0.1	<0.05	7	0.7	<0.2
1043978	Soil	14	29	0.80	343	0.048	<1	2.16	0.017	0.04	0.2	0.04	5.4	<0.1	<0.05	6	<0.5	<0.2
1043998	Soil	13	27	0.54	357	0.051	2	1.67	0.013	0.07	0.1	0.03	3.5	<0.1	<0.05	5	<0.5	<0.2
1043977	Soil	10	33	0.43	205	0.045	1	2.27	0.007	0.05	0.2	0.04	2.7	0.2	<0.05	7	0.7	<0.2
1004441	Soil	12	28	0.89	265	0.068	1	2.30	0.019	0.08	0.2	0.03	5.0	0.2	<0.05	7	<0.5	<0.2
1043993	Soil	21	7	0.28	355	0.005	<1	1.36	0.011	0.17	0.1	0.01	1.6	0.1	<0.05	4	<0.5	<0.2
1043986	Soil	5	18	1.80	136	0.071	<1	3.08	0.006	0.04	0.2	<0.01	4.1	<0.1	<0.05	8	<0.5	<0.2
1043994	Soil	10	20	0.37	236	0.033	1	1.23	0.009	0.06	0.1	0.02	1.8	<0.1	<0.05	4	<0.5	<0.2
1004447	Soil	2	17	1.78	1133	0.019	<1	3.36	0.009	0.08	<0.1	0.03	3.7	<0.1	<0.05	7	<0.5	<0.2
1043979	Soil	21	15	1.91	304	0.004	<1	3.51	0.007	0.07	0.2	0.05	8.7	<0.1	<0.05	8	0.7	<0.2
1043989	Soil	14	26	0.79	203	0.071	2	1.82	0.020	0.05	0.2	0.05	4.4	<0.1	<0.05	7	0.6	<0.2
1043991	Soil	16	15	0.12	193	0.007	<1	1.16	0.004	0.07	0.1	0.02	1.3	0.1	<0.05	3	0.6	<0.2
1043984	Soil	5	10	1.94	108	0.005	<1	3.60	0.006	0.03	<0.1	<0.01	5.2	<0.1	<0.05	8	<0.5	<0.2
1004446	Soil	10	29	0.71	316	0.072	<1	2.65	0.016	0.07	0.2	0.02	2.9	<0.1	<0.05	6	0.6	<0.2
1043988	Soil	11	29	0.86	182	0.074	1	2.32	0.015	0.06	0.2	0.03	4.1	0.1	<0.05	6	<0.5	<0.2
1043987	Soil	10	25	1.17	120	0.097	1	2.33	0.016	0.15	0.2	0.02	5.1	0.3	<0.05	9	<0.5	<0.2
1043975	Soil	11	33	0.49	155	0.067	1	2.61	0.010	0.05	0.2	0.03	3.0	0.1	<0.05	7	0.7	<0.2
1043976	Soil	9	33	0.53	177	0.056	1	2.48	0.008	0.05	0.2	0.06	2.6	0.1	<0.05	7	0.7	<0.2
1043974	Soil	7	16	0.27	149	0.051	<1	1.40	0.019	0.05	0.1	0.03	1.2	0.1	<0.05	6	0.6	<0.2
1004448	Soil	3	12	2.29	115	0.070	<1	3.62	0.006	0.04	<0.1	0.01	7.5	<0.1	<0.05	9	0.5	<0.2
1004443	Soil	13	30	0.74	197	0.102	1	1.93	0.026	0.09	0.3	0.03	3.9	0.1	<0.05	6	0.5	<0.2
1004445	Soil	11	32	0.62	299	0.063	1	2.71	0.017	0.07	0.2	0.03	3.5	0.1	<0.05	7	0.9	<0.2
1004440	Soil	11	27	0.77	161	0.065	1	2.04	0.013	0.06	0.2	0.02	3.5	<0.1	<0.05	6	<0.5	<0.2
1004442	Soil	10	25	0.74	197	0.096	1	2.07	0.012	0.09	0.2	0.04	3.2	0.2	<0.05	8	0.6	<0.2
1043992	Soil	15	23	0.28	303	0.009	<1	2.24	0.009	0.11	<0.1	0.02	1.8	0.2	<0.05	7	<0.5	<0.2
1004444	Soil	11	29	1.03	160	0.073	2	2.70	0.013	0.07	0.1	0.02	4.7	0.2	<0.05	9	<0.5	<0.2
1043980	Soil	20	37	1.02	746	0.070	1	2.67	0.017	0.07	0.1	0.04	8.0	<0.1	<0.05	7	0.8	<0.2

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

Project: CHA
Report Date: July 20, 2011

CERTIFICATE OF ANALYSIS WHI11000419.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1043981	Soil	0.6	11.9	12.7	42	<0.1	13.9	6.1	304	1.86	6.4	0.6	1.3	3.1	39	<0.1	0.4	0.1	45	0.19	0.024
1043996	Soil	0.5	84.6	8.6	66	<0.1	17.9	19.4	805	4.07	3.8	0.2	2.0	2.5	26	<0.1	0.3	0.1	81	0.23	0.038
1043990	Soil	1.5	25.4	51.6	135	0.2	27.8	10.4	340	3.55	83.8	0.7	9.2	4.7	12	0.4	1.6	0.6	74	0.10	0.026
1042531	Soil	1.0	57.3	8.8	71	<0.1	25.6	14.3	512	3.61	8.4	0.8	4.4	4.3	36	0.1	0.8	0.2	93	0.50	0.022
1043999	Soil	0.6	22.9	16.7	49	<0.1	20.6	9.3	367	2.53	8.3	1.2	6.8	3.8	37	<0.1	0.5	0.2	55	0.33	0.040
1043982	Soil	0.3	62.2	5.6	64	<0.1	15.1	21.2	993	4.32	2.4	0.2	1.1	2.4	26	<0.1	0.2	<0.1	83	0.25	0.052
1043995	Soil	1.1	14.9	16.5	53	<0.1	17.2	5.9	283	2.32	10.9	0.5	7.5	2.8	33	0.1	0.5	0.2	50	0.18	0.022
1044000	Soil	0.7	49.7	10.0	57	0.1	39.7	13.9	632	2.78	7.0	1.2	11.3	3.5	30	<0.1	0.5	0.3	64	0.47	0.043
1004449	Soil	1.3	43.5	7.4	70	<0.1	33.7	16.2	385	3.95	12.3	0.4	4.6	3.4	16	<0.1	0.7	0.2	104	0.13	0.023
1043985	Soil	1.3	74.0	8.5	59	<0.1	24.6	12.1	446	3.41	9.4	0.3	3.3	2.6	15	<0.1	0.6	0.2	88	0.15	0.022
1043997	Soil	0.4	7.7	13.0	22	<0.1	7.1	2.6	138	0.95	3.5	0.3	1.9	1.5	33	<0.1	0.3	0.2	24	0.09	0.008
1042848	Soil	1.5	22.9	9.3	56	0.1	15.6	7.6	329	2.56	5.6	0.6	3.3	5.7	19	<0.1	0.3	0.2	50	0.32	0.019
1061506	Soil	0.9	49.3	5.9	84	0.1	14.6	12.7	378	3.59	4.7	1.1	3.8	4.8	29	<0.1	0.2	0.2	84	0.52	0.064
1061505	Soil	1.1	56.9	6.9	69	0.2	16.3	14.6	613	3.39	4.5	2.0	6.6	5.8	27	0.1	0.3	0.1	80	0.53	0.065
1042849	Soil	1.2	25.6	5.6	90	0.1	14.3	14.8	526	4.82	13.2	0.7	2.9	4.3	22	<0.1	0.1	0.2	106	0.55	0.071
1061503	Soil	1.1	30.1	8.6	58	0.1	11.3	10.1	359	3.38	3.9	0.5	2.2	1.9	40	<0.1	0.2	0.2	100	0.54	0.029
1042846	Soil	0.9	143.1	5.1	59	0.3	18.8	14.5	757	2.82	5.7	1.0	9.6	1.5	50	<0.1	0.4	0.1	71	1.08	0.059
1042845	Soil	1.1	42.7	7.9	36	0.4	10.7	7.7	348	2.67	4.6	0.3	6.5	1.8	20	<0.1	0.3	0.2	81	0.29	0.018
1061504	Soil	1.6	43.3	9.9	64	0.3	23.3	15.6	841	3.57	3.1	1.4	2.9	2.9	35	0.1	0.2	0.2	102	0.74	0.032
1042847	Soil	1.1	73.5	10.3	57	0.2	18.6	13.3	580	2.58	4.6	1.1	2.6	3.8	31	<0.1	0.3	0.2	59	0.66	0.045
1061501	Soil	1.9	17.7	10.5	68	<0.1	9.1	6.0	233	1.99	8.0	0.5	0.9	3.0	27	<0.1	0.2	0.1	36	0.35	0.018
1042850	Soil	1.3	26.6	6.8	78	<0.1	14.0	11.2	468	3.72	11.1	0.6	3.2	3.5	19	0.1	0.2	0.1	96	0.53	0.037
1061502	Soil	1.6	29.3	4.8	65	<0.1	11.4	12.6	564	3.61	2.2	0.4	<0.5	2.3	30	0.1	<0.1	<0.1	125	0.50	0.049
1061509	Soil	1.1	18.0	4.1	94	<0.1	9.4	10.7	389	3.72	4.5	0.3	0.8	2.4	11	0.2	0.3	<0.1	103	0.23	0.033
1061507	Soil	0.8	35.6	6.4	63	0.1	12.9	10.0	296	2.63	3.4	0.8	3.4	2.3	24	0.1	0.2	0.2	67	0.45	0.061
1061508	Soil	0.7	36.2	6.2	68	0.1	14.4	10.4	335	2.76	3.9	0.9	1.3	3.5	25	0.1	0.2	0.1	67	0.45	0.054
1061511	Soil	0.8	43.5	4.4	79	<0.1	25.9	16.2	431	4.31	2.0	0.6	2.7	3.5	16	0.2	0.1	<0.1	158	0.32	0.040
1061512	Soil	1.6	34.1	6.3	129	0.3	14.6	18.1	1140	4.31	3.4	1.1	0.9	2.8	25	0.3	0.2	<0.1	96	0.41	0.061
1061510	Soil	0.9	18.9	5.8	56	<0.1	18.4	10.7	284	2.86	4.7	0.4	0.5	2.7	13	<0.1	0.2	0.1	91	0.22	0.023
1061515	Soil	1.5	30.4	6.7	61	0.4	10.4	9.5	1125	2.16	2.9	0.8	<0.5	3.2	16	0.6	0.2	0.2	47	0.18	0.035

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Client: **Ryan Gold Corp.**
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Project: CHA
Report Date: July 20, 2011

CERTIFICATE OF ANALYSIS WHI11000419.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1043981	Soil	11	23	0.40	183	0.060	1	1.28	0.010	0.06	0.1	0.01	2.2	<0.1	<0.05	4	0.5	<0.2
1043996	Soil	7	18	1.54	125	0.008	<1	3.32	0.008	0.04	<0.1	<0.01	4.6	<0.1	<0.05	8	<0.5	<0.2
1043990	Soil	11	36	0.49	189	0.047	1	2.54	0.008	0.06	0.2	0.02	3.2	0.2	<0.05	14	0.5	<0.2
1042531	Soil	16	40	0.92	301	0.077	2	2.44	0.022	0.06	0.1	0.04	7.0	<0.1	<0.05	7	0.6	<0.2
1043999	Soil	14	33	0.54	351	0.065	2	2.13	0.014	0.09	0.1	0.04	3.9	<0.1	<0.05	5	0.6	<0.2
1043982	Soil	6	14	1.64	99	0.006	<1	3.20	0.006	0.04	<0.1	<0.01	4.4	<0.1	<0.05	8	<0.5	<0.2
1043995	Soil	10	26	0.42	208	0.044	2	1.83	0.009	0.08	0.1	0.02	2.2	<0.1	<0.05	5	<0.5	<0.2
1044000	Soil	18	65	0.82	609	0.051	<1	2.05	0.013	0.05	0.1	0.03	6.1	<0.1	<0.05	5	<0.5	<0.2
1004449	Soil	8	45	0.90	236	0.074	<1	3.03	0.007	0.06	0.2	0.01	4.3	0.1	<0.05	7	<0.5	<0.2
1043985	Soil	7	35	0.68	282	0.042	<1	2.60	0.008	0.05	0.1	0.01	3.5	<0.1	<0.05	7	<0.5	<0.2
1043997	Soil	4	12	0.17	205	0.015	<1	0.88	0.005	0.05	<0.1	0.03	1.0	<0.1	<0.05	2	<0.5	<0.2
1042848	Soil	15	24	0.44	230	0.041	<1	1.68	0.008	0.07	0.1	0.01	2.6	0.1	<0.05	5	<0.5	<0.2
1061506	Soil	15	28	1.04	209	0.090	<1	2.17	0.009	0.12	0.1	0.05	6.2	<0.1	<0.05	8	<0.5	<0.2
1061505	Soil	23	33	1.02	271	0.089	<1	2.34	0.009	0.13	0.2	0.08	8.0	0.1	<0.05	8	<0.5	<0.2
1042849	Soil	17	32	1.25	205	0.151	<1	2.30	0.009	0.27	<0.1	0.01	8.5	0.2	<0.05	9	0.7	<0.2
1061503	Soil	8	23	0.89	180	0.112	<1	1.93	0.013	0.11	<0.1	0.02	6.1	<0.1	<0.05	8	<0.5	<0.2
1042846	Soil	9	27	0.88	220	0.039	<1	1.78	0.012	0.05	<0.1	0.13	4.2	<0.1	<0.05	5	0.6	<0.2
1042845	Soil	7	19	0.37	145	0.054	<1	1.59	0.010	0.06	0.1	0.03	2.4	<0.1	<0.05	7	<0.5	<0.2
1061504	Soil	12	45	1.02	277	0.109	3	2.50	0.012	0.07	<0.1	0.01	6.3	0.1	<0.05	10	<0.5	<0.2
1042847	Soil	15	26	0.62	283	0.028	2	1.71	0.008	0.05	0.1	0.06	3.6	<0.1	<0.05	5	<0.5	<0.2
1061501	Soil	6	13	0.28	216	0.009	1	1.17	0.005	0.06	<0.1	<0.01	2.0	<0.1	<0.05	4	<0.5	<0.2
1042850	Soil	11	28	1.02	193	0.136	2	2.09	0.007	0.15	0.1	<0.01	6.8	0.1	<0.05	8	0.6	<0.2
1061502	Soil	10	27	0.87	178	0.086	2	1.79	0.008	0.31	<0.1	0.02	7.5	0.1	<0.05	9	<0.5	<0.2
1061509	Soil	4	44	0.96	597	0.193	2	1.95	0.008	0.31	0.1	<0.01	5.5	0.1	<0.05	9	<0.5	<0.2
1061507	Soil	10	24	0.79	186	0.054	2	2.00	0.008	0.07	0.1	0.06	4.2	<0.1	<0.05	7	<0.5	<0.2
1061508	Soil	11	24	0.73	207	0.059	2	1.92	0.008	0.06	<0.1	0.02	4.3	<0.1	<0.05	6	<0.5	<0.2
1061511	Soil	10	35	1.36	771	0.090	2	2.26	0.010	0.10	<0.1	<0.01	6.7	<0.1	<0.05	8	0.8	<0.2
1061512	Soil	11	23	1.23	660	0.101	1	2.66	0.010	0.12	<0.1	0.02	5.8	<0.1	<0.05	9	<0.5	<0.2
1061510	Soil	8	28	0.81	262	0.119	1	1.87	0.011	0.14	<0.1	<0.01	2.6	<0.1	<0.05	6	<0.5	<0.2
1061515	Soil	14	26	0.50	321	0.052	1	1.47	0.007	0.11	<0.1	0.02	2.2	<0.1	<0.05	6	0.8	<0.2

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1061513	Soil	1.1	34.4	6.2	138	0.2	14.1	17.7	957	4.57	3.7	0.9	1.8	2.6	26	0.3	0.2	<0.1	98	0.42	0.061
1042833	Soil	0.9	18.6	7.7	69	<0.1	20.6	14.4	598	3.35	6.9	0.5	<0.5	2.6	60	0.1	0.3	0.1	95	0.57	0.059
1061514	Soil	1.5	30.1	6.9	57	0.3	10.4	8.4	1003	2.08	2.7	0.9	1.5	3.3	15	0.5	0.2	0.1	48	0.18	0.027
1042844	Soil	1.2	60.8	7.8	55	<0.1	20.2	11.2	318	3.40	8.7	0.4	2.8	2.3	14	0.1	0.5	0.1	90	0.18	0.023
1042835	Soil	0.6	19.7	6.8	58	<0.1	18.5	10.1	396	2.73	5.1	0.7	2.9	2.6	81	<0.1	0.3	0.1	79	0.63	0.060
1042838	Soil	1.2	21.5	25.8	62	0.2	17.7	9.9	679	2.22	8.3	0.6	<0.5	1.1	85	0.4	0.4	0.3	63	0.86	0.051
1042839	Soil	1.0	20.0	18.8	69	0.1	21.5	10.0	418	3.02	11.8	0.5	2.3	2.7	132	0.2	0.6	0.2	69	0.58	0.034
1042837	Soil	0.8	19.6	7.8	53	<0.1	18.4	10.5	630	2.23	5.0	0.6	<0.5	1.6	70	0.3	0.3	0.2	64	0.75	0.048
1042836	Soil	0.6	27.1	8.4	57	0.1	22.8	10.2	433	2.46	6.2	1.1	3.1	2.3	78	0.2	0.4	0.1	65	0.76	0.075
1042841	Soil	1.7	32.4	8.4	54	0.1	15.0	11.9	429	4.97	7.4	0.3	<0.5	2.0	10	0.2	0.6	0.2	174	0.09	0.041
1042843	Soil	1.0	27.5	7.2	32	0.2	10.2	8.9	700	2.42	4.5	0.3	<0.5	1.8	11	0.1	0.4	0.1	78	0.15	0.017
1042840	Soil	1.4	90.8	10.3	59	0.5	20.7	15.6	848	3.35	7.8	1.1	1.9	1.7	38	0.2	0.3	0.2	74	0.59	0.083
1042834	Soil	1.1	19.4	8.0	74	0.1	18.5	11.0	509	3.14	5.6	0.4	2.7	2.1	51	0.8	0.3	0.2	97	0.76	0.046
1042842	Soil	1.3	40.0	8.2	53	<0.1	23.5	11.5	326	3.27	9.8	0.4	2.3	2.2	13	0.1	0.4	0.1	81	0.16	0.027
1193834	Soil	0.7	44.2	11.4	80	<0.1	32.8	12.5	181	2.77	6.4	0.9	<0.5	10.0	10	0.1	0.3	0.1	56	0.16	0.041
1034834	Soil	0.3	89.3	3.0	106	<0.1	43.1	30.1	1025	3.50	2.7	0.4	1.0	3.0	17	<0.1	0.2	<0.1	80	0.20	0.053
1193808	Soil	2.8	34.0	9.6	109	<0.1	5.2	12.1	942	4.11	2.3	1.3	4.2	7.5	22	0.3	<0.1	0.2	20	0.28	0.073
1034829	Soil	0.7	52.1	6.7	83	<0.1	26.6	15.1	579	3.68	3.8	0.7	1.2	5.1	22	<0.1	0.3	0.1	86	0.44	0.033
1053097	Soil	2.1	24.9	76.6	52	0.4	16.1	7.1	297	2.04	28.7	1.4	2.7	3.6	34	0.1	1.5	0.6	46	0.34	0.035
1193802	Soil	0.5	47.6	0.9	136	<0.1	120.6	45.5	1707	4.42	1.3	0.2	4.7	0.3	47	<0.1	<0.1	<0.1	115	0.79	0.069
1193849	Soil	0.5	54.4	13.9	79	<0.1	18.3	15.3	444	3.79	3.7	0.4	<0.5	3.2	16	0.1	0.2	<0.1	85	0.28	0.025
1034832	Soil	0.4	104.1	7.3	96	<0.1	39.4	17.7	781	4.18	3.8	0.8	3.5	4.3	18	<0.1	0.2	<0.1	103	0.37	0.057
1034837	Soil	0.3	85.2	7.1	87	<0.1	39.9	18.7	887	3.84	0.7	0.6	2.1	4.2	18	<0.1	<0.1	<0.1	100	0.58	0.114
1193806	Soil	1.7	27.2	13.7	44	0.1	17.0	10.3	1254	2.04	4.1	0.8	3.7	1.9	62	0.3	0.4	0.3	35	1.72	0.063
1034845	Soil	1.6	31.1	14.2	76	0.7	25.7	11.2	538	3.45	13.7	<0.1	3.1	3.6	15	0.4	0.6	0.2	77	0.12	0.021
1034830	Soil	0.5	70.1	7.9	85	<0.1	26.6	14.2	1204	3.81	2.5	<0.1	0.6	2.2	12	0.1	0.2	0.1	85	0.17	0.049
1034835	Soil	1.4	18.2	13.8	82	0.1	18.4	12.7	647	3.36	7.8	<0.1	1.8	3.4	10	0.2	0.3	0.1	61	0.12	0.094
1193846	Soil	0.6	28.1	12.1	119	<0.1	26.6	9.2	320	2.93	6.3	<0.1	1.3	1.8	13	0.6	0.3	0.1	43	0.20	0.057
1034836	Soil	1.0	56.4	9.4	73	<0.1	37.8	17.6	904	2.73	2.8	0.4	2.0	3.7	11	<0.1	0.2	0.2	58	0.16	0.044
1193805	Soil	1.7	22.7	10.7	61	<0.1	12.8	9.7	803	3.26	4.5	0.5	2.6	3.4	21	0.2	0.4	0.3	75	0.24	0.038

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600 - 666 Burrard St.
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Project: CHA
Report Date: July 20, 2011

CERTIFICATE OF ANALYSIS WHI11000419.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1061513	Soil	10	22	1.38	622	0.106	2	2.58	0.012	0.12	<0.1	0.03	5.4	<0.1	<0.05	9	0.6	<0.2
1042833	Soil	13	35	1.07	272	0.040	2	2.55	0.017	0.06	0.1	0.02	5.0	<0.1	<0.05	7	<0.5	<0.2
1061514	Soil	15	26	0.51	293	0.052	2	1.46	0.007	0.11	<0.1	0.02	2.3	<0.1	<0.05	5	<0.5	<0.2
1042844	Soil	8	28	0.58	114	0.080	2	2.33	0.008	0.06	0.2	0.01	2.9	<0.1	<0.05	7	0.6	<0.2
1042835	Soil	14	31	0.78	334	0.046	2	2.32	0.015	0.05	<0.1	0.02	4.6	0.1	<0.05	6	0.9	<0.2
1042838	Soil	10	26	0.46	314	0.029	2	1.88	0.011	0.06	<0.1	0.04	2.9	0.1	<0.05	6	0.7	<0.2
1042839	Soil	14	32	0.67	335	0.023	2	2.36	0.011	0.06	<0.1	0.01	3.5	0.1	<0.05	6	<0.5	<0.2
1042837	Soil	11	28	0.57	362	0.038	2	1.96	0.012	0.05	0.2	0.02	3.7	0.1	<0.05	6	0.8	<0.2
1042836	Soil	17	33	0.68	375	0.044	2	1.94	0.016	0.05	0.1	0.04	4.7	<0.1	<0.05	5	<0.5	<0.2
1042841	Soil	11	22	0.78	131	0.044	<1	2.47	0.006	0.06	<0.1	0.02	6.9	<0.1	<0.05	12	<0.5	0.2
1042843	Soil	7	20	0.27	142	0.051	1	1.54	0.008	0.04	<0.1	<0.01	2.2	<0.1	<0.05	6	<0.5	<0.2
1042840	Soil	18	28	0.57	337	0.032	2	2.27	0.010	0.05	<0.1	0.07	5.2	<0.1	<0.05	7	0.6	<0.2
1042834	Soil	10	31	0.76	247	0.048	3	2.52	0.016	0.06	<0.1	0.01	4.2	<0.1	<0.05	7	<0.5	<0.2
1042842	Soil	8	31	0.56	177	0.061	<1	2.43	0.007	0.06	0.1	0.02	3.0	<0.1	<0.05	7	0.9	<0.2
1193834	Soil	28	31	0.46	209	0.037	1	2.01	0.006	0.11	<0.1	<0.01	3.5	<0.1	<0.05	5	<0.5	<0.2
1034834	Soil	9	24	1.65	192	0.085	<1	2.35	0.005	0.19	<0.1	<0.01	4.3	0.1	<0.05	8	<0.5	<0.2
1193808	Soil	27	5	0.33	312	0.004	<1	1.19	0.004	0.14	<0.1	0.01	5.1	<0.1	<0.05	4	<0.5	<0.2
1034829	Soil	17	41	1.22	249	0.093	1	2.24	0.010	0.14	<0.1	0.01	6.4	0.2	<0.05	7	<0.5	<0.2
1053097	Soil	15	23	0.36	280	0.031	1	1.55	0.010	0.05	<0.1	0.02	3.4	0.1	<0.05	4	<0.5	<0.2
1193802	Soil	4	130	2.59	98	0.221	<1	2.95	0.006	0.98	0.1	0.03	3.7	0.4	<0.05	6	<0.5	<0.2
1193849	Soil	9	23	1.47	283	0.098	<1	2.49	0.008	0.21	<0.1	<0.01	4.6	0.1	<0.05	6	<0.5	<0.2
1034832	Soil	23	57	1.69	298	0.100	<1	2.50	0.005	0.26	<0.1	<0.01	7.6	<0.1	<0.05	9	0.6	<0.2
1034837	Soil	15	58	1.75	691	0.139	<1	2.64	0.006	0.76	<0.1	<0.01	5.7	0.2	<0.05	10	1.0	<0.2
1193806	Soil	10	20	0.44	244	0.022	2	1.16	0.013	0.05	<0.1	0.06	2.4	<0.1	0.12	3	0.7	<0.2
1034845	Soil	9	40	0.51	229	0.062	2	2.48	0.008	0.05	0.1	0.03	3.1	0.1	<0.05	7	0.9	<0.2
1034830	Soil	9	30	1.39	673	0.126	<1	2.54	0.005	0.46	<0.1	0.01	4.7	0.2	<0.05	8	1.3	<0.2
1034835	Soil	16	27	0.37	149	0.050	<1	1.67	0.008	0.12	0.1	<0.01	2.2	<0.1	<0.05	6	1.1	<0.2
1193846	Soil	10	24	0.46	171	0.018	<1	2.13	0.006	0.08	<0.1	0.02	3.2	<0.1	<0.05	5	1.0	<0.2
1034836	Soil	11	28	0.85	582	0.111	<1	1.72	0.008	0.35	0.1	0.02	3.2	<0.1	<0.05	6	<0.5	<0.2
1193805	Soil	11	26	0.63	118	0.088	2	1.53	0.011	0.12	0.1	0.01	2.1	<0.1	<0.05	8	<0.5	<0.2

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

Project: CHA
Report Date: July 20, 2011

CERTIFICATE OF ANALYSIS WHI11000419.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1193845	Soil	0.6	111.5	5.6	212	<0.1	46.7	19.0	635	4.85	2.4	0.4	3.9	2.6	22	<0.1	0.1	<0.1	148	0.34	0.024
1034840	Soil	0.4	54.9	5.8	69	<0.1	55.4	24.5	937	4.48	4.4	0.4	2.6	2.2	29	<0.1	0.3	<0.1	132	0.60	0.059
1034846	Soil	5.8	34.6	25.9	124	0.3	16.1	6.8	450	2.89	17.1	0.6	1.9	1.9	12	0.4	0.8	0.5	71	0.10	0.032
1193848	Soil	1.6	43.5	33.6	66	0.3	25.4	13.6	502	3.05	6.5	2.2	5.2	6.5	44	0.4	0.6	0.4	54	0.89	0.059
1034841	Soil	0.6	72.3	6.0	95	0.1	100.0	33.5	1070	4.76	6.9	0.5	3.9	2.5	34	0.1	0.3	<0.1	125	0.74	0.056
1034844	Soil	1.4	28.5	22.0	82	0.2	30.6	14.8	406	3.31	11.6	0.6	5.5	4.8	27	0.3	0.8	0.2	78	0.24	0.024
1034833	Soil	1.3	42.8	17.1	120	<0.1	37.7	18.7	540	4.14	5.5	0.6	2.5	3.8	19	0.1	0.4	0.2	110	0.29	0.033
1034843	Soil	1.9	16.2	17.9	68	0.3	12.4	5.1	228	2.18	9.6	0.5	1.6	2.6	14	0.8	0.7	0.3	69	0.12	0.025
1034831	Soil	0.3	23.5	2.1	92	<0.1	118.3	41.0	889	5.97	2.8	0.2	1.8	0.5	20	<0.1	0.2	<0.1	180	0.48	0.069
1053100	Soil	0.5	49.5	7.0	122	<0.1	104.5	32.1	715	5.03	4.1	0.5	4.2	3.0	43	<0.1	0.3	<0.1	128	0.56	0.038
1193807	Soil	3.6	41.9	11.0	146	<0.1	5.6	12.1	950	4.20	2.6	1.5	2.5	10.1	23	0.5	<0.1	0.2	17	0.30	0.077
1193847	Soil	0.3	57.2	7.1	87	0.2	201.4	32.8	1160	5.63	3.8	0.5	3.0	2.4	41	0.1	0.2	<0.1	164	1.77	0.087
1034839	Soil	0.6	80.2	8.9	86	<0.1	37.8	18.1	734	4.30	2.7	0.5	1.7	2.8	16	<0.1	0.2	<0.1	108	0.21	0.045
1193809	Soil	1.0	22.9	7.3	78	<0.1	12.5	10.7	392	3.96	2.3	0.7	2.5	4.2	11	<0.1	0.2	<0.1	74	0.20	0.034
1034838	Soil	0.4	91.4	9.4	87	<0.1	42.1	18.9	934	4.09	1.0	0.8	4.8	4.9	24	<0.1	<0.1	<0.1	103	0.56	0.103
1193832	Soil	0.7	25.1	9.6	74	<0.1	45.2	16.8	598	3.42	5.0	0.5	2.2	3.1	28	<0.1	0.3	0.1	89	0.43	0.023
1034842	Soil	1.5	42.4	29.1	161	0.1	36.2	14.0	633	3.53	11.5	1.2	4.8	5.5	32	0.3	1.1	0.2	76	0.44	0.037

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1193845	Soil	8	143	2.80	535	0.338	<1	3.53	0.016	0.45	<0.1	<0.01	6.2	0.2	<0.05	11	<0.5	<0.2
1034840	Soil	10	113	2.10	177	0.195	<1	2.74	0.016	0.11	0.1	0.03	10.1	<0.1	<0.05	9	<0.5	<0.2
1034846	Soil	9	20	0.19	105	0.035	<1	1.45	0.012	0.04	0.1	0.02	1.7	<0.1	<0.05	7	<0.5	<0.2
1193848	Soil	36	30	0.65	289	0.046	1	1.66	0.018	0.10	0.1	0.10	5.5	<0.1	<0.05	5	1.0	<0.2
1034841	Soil	10	141	2.58	176	0.210	<1	3.13	0.012	0.13	0.2	0.03	8.3	<0.1	<0.05	9	<0.5	<0.2
1034844	Soil	12	45	0.68	263	0.078	1	2.47	0.015	0.06	0.1	0.02	3.1	<0.1	<0.05	6	<0.5	<0.2
1034833	Soil	10	58	1.05	354	0.154	<1	3.00	0.013	0.12	<0.1	0.02	3.8	<0.1	<0.05	10	<0.5	<0.2
1034843	Soil	14	21	0.21	175	0.036	<1	1.45	0.010	0.04	0.1	0.01	1.5	0.1	<0.05	7	<0.5	<0.2
1034831	Soil	2	254	3.81	68	0.403	<1	3.99	0.013	0.45	0.2	<0.01	7.3	<0.1	<0.05	12	<0.5	<0.2
1053100	Soil	10	149	2.42	116	0.284	<1	3.44	0.012	0.07	0.4	0.01	8.5	<0.1	<0.05	11	<0.5	<0.2
1193807	Soil	34	5	0.50	318	0.005	<1	1.20	0.006	0.15	<0.1	<0.01	4.9	<0.1	<0.05	3	<0.5	<0.2
1193847	Soil	15	319	3.97	131	0.142	1	3.82	0.011	0.10	<0.1	0.05	15.9	<0.1	<0.05	11	<0.5	<0.2
1034839	Soil	7	53	1.66	336	0.154	<1	2.97	0.010	0.31	<0.1	0.01	4.2	<0.1	<0.05	10	<0.5	<0.2
1193809	Soil	10	17	0.96	168	0.103	<1	2.21	0.016	0.23	<0.1	<0.01	3.7	<0.1	<0.05	7	<0.5	<0.2
1034838	Soil	17	62	1.81	645	0.199	<1	2.75	0.010	0.74	<0.1	0.02	5.9	0.1	<0.05	10	<0.5	<0.2
1193832	Soil	10	63	1.07	235	0.142	<1	2.71	0.017	0.07	0.2	0.02	4.0	<0.1	<0.05	9	<0.5	<0.2
1034842	Soil	19	54	0.68	377	0.075	<1	2.04	0.017	0.09	0.1	0.06	7.4	<0.1	<0.05	6	<0.5	<0.2

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

Project: CHA
Report Date: July 20, 2011

QUALITY CONTROL REPORT WHI11000419.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1193813	Soil	1.6	17.3	16.0	138	0.2	21.8	8.4	351	2.79	19.9	0.6	2.3	2.6	13	0.5	0.6	0.4	76	0.11	0.039
REP 1193813	QC	1.4	17.1	15.5	137	0.2	21.7	8.6	350	2.79	19.8	0.5	1.0	2.5	12	0.6	0.6	0.3	73	0.10	0.040
1053339	Soil	1.3	25.4	7.7	71	0.2	20.0	10.9	1066	3.76	6.7	0.5	5.8	3.0	36	0.2	0.4	0.2	67	0.65	0.110
REP 1053339	QC	1.3	25.0	8.1	71	0.2	19.3	11.0	1073	3.91	7.0	0.5	7.4	3.0	38	0.2	0.5	0.2	66	0.64	0.112
1053492	Soil	0.6	24.2	16.2	74	0.2	21.7	10.0	523	2.69	6.8	0.8	1.3	3.2	67	0.3	0.4	0.3	59	0.67	0.046
REP 1053492	QC	0.6	23.5	15.9	73	0.2	20.1	9.5	488	2.62	6.7	0.8	1.7	3.1	64	0.3	0.4	0.3	57	0.67	0.047
1004441	Soil	0.9	19.4	17.9	72	0.2	19.8	12.8	666	3.52	10.4	0.6	5.1	2.4	61	0.1	0.5	0.4	87	0.45	0.110
REP 1004441	QC	0.9	18.4	17.4	70	0.2	19.4	12.1	646	3.37	9.9	0.6	20.6	2.5	60	0.1	0.5	0.4	91	0.47	0.108
1004444	Soil	1.0	12.8	18.4	64	<0.1	16.3	9.6	446	4.97	10.8	0.4	51.0	1.9	35	0.2	0.4	0.6	122	0.46	0.115
REP 1004444	QC	0.9	12.6	18.2	63	<0.1	14.9	9.0	414	4.48	10.4	0.4	1.5	1.7	34	0.2	0.4	0.6	111	0.44	0.111
1044000	Soil	0.7	49.7	10.0	57	0.1	39.7	13.9	632	2.78	7.0	1.2	11.3	3.5	30	<0.1	0.5	0.3	64	0.47	0.043
REP 1044000	QC	0.6	51.3	9.8	57	0.1	41.0	13.7	650	2.85	7.0	1.2	12.0	3.7	30	<0.1	0.5	0.2	63	0.47	0.043
1061504	Soil	1.6	43.3	9.9	64	0.3	23.3	15.6	841	3.57	3.1	1.4	2.9	2.9	35	0.1	0.2	0.2	102	0.74	0.032
REP 1061504	QC	1.4	41.7	9.8	60	0.3	22.0	15.6	820	3.60	3.7	1.3	1.1	2.8	35	<0.1	0.2	0.2	97	0.70	0.031
1193802	Soil	0.5	47.6	0.9	136	<0.1	120.6	45.5	1707	4.42	1.3	0.2	4.7	0.3	47	<0.1	<0.1	<0.1	115	0.79	0.069
REP 1193802	QC	0.5	46.6	1.1	127	<0.1	115.1	44.1	1743	4.38	1.4	0.2	5.6	0.3	46	<0.1	0.1	<0.1	118	0.74	0.069
1193848	Soil	1.6	43.5	33.6	66	0.3	25.4	13.6	502	3.05	6.5	2.2	5.2	6.5	44	0.4	0.6	0.4	54	0.89	0.059
REP 1193848	QC	1.7	45.3	34.9	66	0.4	26.8	14.2	513	3.13	6.5	2.2	4.5	6.9	46	0.2	0.6	0.4	55	0.91	0.060
Reference Materials																					
STD DS8	Standard	14.1	119.9	122.8	333	1.9	39.9	8.2	609	2.43	25.7	2.6	108.6	6.6	54	2.3	4.8	5.8	45	0.69	0.083
STD DS8	Standard	13.9	121.0	121.7	329	1.9	41.2	7.9	644	2.50	26.3	2.7	103.8	6.5	58	2.6	5.1	5.8	45	0.69	0.083
STD DS8	Standard	12.8	112.9	123.7	322	1.8	40.5	7.8	649	2.62	25.0	2.7	118.5	7.0	72	2.5	5.9	6.5	41	0.70	0.083
STD DS8	Standard	13.8	109.2	127.2	326	1.9	39.1	7.5	652	2.55	26.5	2.8	127.4	7.1	76	2.5	6.1	6.6	43	0.74	0.084
STD DS8	Standard	12.7	108.5	137.3	330	1.8	37.7	7.8	607	2.45	25.0	2.8	113.5	6.8	73	2.3	5.7	6.9	41	0.69	0.078
STD DS8	Standard	13.0	106.3	128.3	324	1.8	38.8	7.4	621	2.48	26.3	2.8	109.2	6.8	75	2.4	5.8	6.5	41	0.68	0.081
STD DS8	Standard	13.8	115.7	125.7	317	1.8	40.0	7.9	599	2.43	26.3	2.9	117.6	6.7	66	2.5	5.8	6.7	44	0.65	0.079
STD DS8	Standard	13.8	121.8	129.0	325	2.0	41.0	8.2	623	2.49	26.2	2.9	112.1	7.2	65	2.5	6.0	6.8	46	0.68	0.078
STD DS8	Standard	13.4	109.6	124.2	314	1.8	39.5	7.6	610	2.40	26.5	2.8	109.0	7.3	66	2.1	5.4	6.2	42	0.69	0.082

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Project: CHA
Report Date: July 20, 2011

QUALITY CONTROL REPORT WHI11000419.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1193813	Soil	11	31	0.33	186	0.044	<1	2.25	0.008	0.05	0.1	0.05	2.9	0.2	<0.05	7	<0.5	<0.2
REP 1193813	QC	11	31	0.31	182	0.044	<1	2.22	0.008	0.05	0.1	0.04	2.8	0.2	<0.05	7	0.9	<0.2
1053339	Soil	18	25	0.77	239	0.060	2	2.15	0.018	0.11	0.1	0.08	6.3	<0.1	<0.05	8	<0.5	<0.2
REP 1053339	QC	18	26	0.80	238	0.072	<1	2.34	0.021	0.12	0.2	0.08	6.3	<0.1	<0.05	8	<0.5	<0.2
1053492	Soil	20	29	0.61	339	0.029	1	2.14	0.014	0.08	<0.1	0.02	3.5	0.2	<0.05	6	<0.5	<0.2
REP 1053492	QC	19	30	0.58	339	0.032	1	2.10	0.015	0.08	<0.1	0.03	3.8	0.1	<0.05	6	<0.5	<0.2
1004441	Soil	12	28	0.89	265	0.068	1	2.30	0.019	0.08	0.2	0.03	5.0	0.2	<0.05	7	<0.5	<0.2
REP 1004441	QC	13	30	0.88	269	0.074	1	2.29	0.018	0.08	0.2	0.03	5.2	0.2	<0.05	7	<0.5	<0.2
1004444	Soil	11	29	1.03	160	0.073	2	2.70	0.013	0.07	0.1	0.02	4.7	0.2	<0.05	9	<0.5	<0.2
REP 1004444	QC	10	27	0.98	156	0.058	2	2.57	0.012	0.06	0.1	0.02	4.4	0.2	<0.05	9	<0.5	<0.2
1044000	Soil	18	65	0.82	609	0.051	<1	2.05	0.013	0.05	0.1	0.03	6.1	<0.1	<0.05	5	<0.5	<0.2
REP 1044000	QC	18	65	0.83	621	0.049	<1	2.05	0.012	0.05	0.1	0.04	6.2	<0.1	<0.05	5	<0.5	<0.2
1061504	Soil	12	45	1.02	277	0.109	3	2.50	0.012	0.07	<0.1	0.01	6.3	0.1	<0.05	10	<0.5	<0.2
REP 1061504	QC	12	42	0.98	278	0.102	2	2.41	0.010	0.07	0.1	0.03	6.1	0.1	<0.05	9	<0.5	<0.2
1193802	Soil	4	130	2.59	98	0.221	<1	2.95	0.006	0.98	0.1	0.03	3.7	0.4	<0.05	6	<0.5	<0.2
REP 1193802	QC	4	128	2.53	94	0.229	<1	2.89	0.007	0.94	0.1	0.03	3.7	0.4	<0.05	6	0.6	<0.2
1193848	Soil	36	30	0.65	289	0.046	1	1.66	0.018	0.10	0.1	0.10	5.5	<0.1	<0.05	5	1.0	<0.2
REP 1193848	QC	38	30	0.66	300	0.048	1	1.72	0.018	0.10	<0.1	0.09	5.7	<0.1	<0.05	5	1.2	<0.2
Reference Materials																		
STD DS8	Standard	14	125	0.63	282	0.110	3	0.93	0.084	0.42	2.8	0.20	2.0	5.1	0.11	5	4.7	4.9
STD DS8	Standard	15	127	0.63	291	0.105	3	0.95	0.092	0.42	3.0	0.19	2.1	5.3	0.15	5	6.7	5.5
STD DS8	Standard	16	121	0.64	295	0.118	3	0.94	0.089	0.44	2.9	0.22	1.9	5.4	0.26	4	5.2	5.1
STD DS8	Standard	17	122	0.67	303	0.128	4	1.01	0.101	0.44	3.1	0.22	2.1	5.6	0.16	5	5.7	5.0
STD DS8	Standard	15	113	0.65	297	0.121	3	0.92	0.091	0.43	3.4	0.21	1.9	5.5	0.14	5	5.4	5.4
STD DS8	Standard	15	117	0.62	272	0.123	3	0.90	0.092	0.43	3.0	0.19	1.8	5.3	0.09	5	6.0	5.3
STD DS8	Standard	15	122	0.60	282	0.130	2	0.88	0.081	0.41	3.0	0.19	2.1	5.4	0.19	5	6.1	4.9
STD DS8	Standard	14	126	0.62	276	0.130	2	0.88	0.081	0.43	2.9	0.22	2.3	5.5	0.23	4	5.5	4.5
STD DS8	Standard	15	116	0.61	280	0.111	3	0.92	0.088	0.40	3.1	0.19	2.0	5.1	0.14	5	4.7	4.5

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Vancouver BC V6C 1H2 Canada

Project: CHA
Report Date: July 20, 2011

QUALITY CONTROL REPORT WHI11000419.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8	Standard	13.4	113.3	125.6	313	1.8	40.5	7.9	622	2.53	27.4	2.8	118.1	7.2	65	2.2	5.4	6.1	44	0.71	0.083
STD DS8	Standard	13.7	117.3	126.5	321	1.9	40.8	8.1	614	2.50	25.4	2.7	115.8	6.9	65	2.4	5.1	6.7	46	0.71	0.079
STD DS8	Standard	13.6	113.0	120.3	323	1.9	39.2	7.7	600	2.39	26.1	2.7	118.5	7.1	65	2.2	5.1	6.7	44	0.72	0.076
STD DS8	Standard	13.7	111.0	128.0	318	1.8	37.7	7.5	637	2.58	27.1	2.7	116.4	6.7	63	1.9	5.8	5.8	45	0.68	0.086
STD DS8	Standard	14.7	115.7	133.1	339	2.0	38.9	7.7	670	2.82	27.7	3.2	115.1	5.8	67	2.5	6.0	6.1	45	0.72	0.085
STD DS8	Standard	14.2	116.5	130.0	310	2.0	39.5	7.7	665	2.68	27.0	3.2	124.1	7.6	74	2.4	6.1	6.8	48	0.75	0.081
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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QUALITY CONTROL REPORT WHI11000419.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	16	121	0.64	287	0.116	3	0.94	0.093	0.43	2.9	0.21	2.1	5.4	0.13	5	5.0	5.0
STD DS8	Standard	14	127	0.63	279	0.117	3	0.92	0.081	0.40	3.1	0.20	2.2	5.8	0.17	5	5.1	5.1
STD DS8	Standard	15	120	0.63	286	0.118	3	0.92	0.083	0.41	3.1	0.24	2.0	5.6	0.15	5	4.9	5.1
STD DS8	Standard	14	121	0.59	269	0.114	3	0.93	0.076	0.43	3.3	0.20	1.9	5.4	0.13	5	7.3	4.6
STD DS8	Standard	15	127	0.57	287	0.125	3	0.94	0.077	0.47	3.3	0.21	2.2	5.7	0.09	5	6.6	5.1
STD DS8	Standard	17	123	0.69	292	0.136	2	1.00	0.092	0.45	3.4	0.22	2.2	5.7	0.15	5	6.1	5.2
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

www.acmelab.com

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

Submitted By: Mike Skead
Receiving Lab: Canada-Whitehorse
Received: June 29, 2011
Report Date: July 23, 2011
Page: 1 of 10

CERTIFICATE OF ANALYSIS WHI11000423.1

CLIENT JOB INFORMATION

Project: CHA
Shipment ID:
P.O. Number
Number of Samples: 255

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	255	Dry at 60C			VAN
SS80	255	Dry at 60C sieve 100g to -80 mesh			VAN
1DX2	255	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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

Project: CHA
Report Date: July 23, 2011

CERTIFICATE OF ANALYSIS WHI11000423.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1069664	Soil	1.3	21.5	11.7	67	0.3	21.8	9.0	186	3.21	10.4	0.6	4.7	3.9	13	0.6	0.6	0.2	73	0.10	0.022
1069660	Soil	1.2	19.7	12.8	50	0.1	22.4	9.4	260	2.84	8.8	0.9	1.5	4.7	18	<0.1	0.5	0.2	68	0.22	0.029
1069658	Soil	1.2	52.1	40.8	106	<0.1	46.3	30.0	850	5.84	3.8	1.3	0.9	12.5	17	0.1	0.4	0.3	133	0.32	0.134
1069666	Soil	0.9	25.3	39.7	100	<0.1	37.8	18.7	438	4.44	10.1	0.8	2.4	8.6	13	0.2	0.6	0.2	66	0.13	0.043
1069659	Soil	1.5	18.3	11.8	55	0.1	19.3	8.6	355	2.99	7.7	0.5	2.0	3.5	15	0.2	0.5	0.2	72	0.12	0.028
1069657	Soil	2.1	43.0	22.1	221	0.4	47.1	14.3	510	3.89	11.3	2.0	3.5	13.6	21	1.0	2.3	0.2	57	0.14	0.058
1069663	Soil	0.8	29.1	13.9	66	<0.1	29.2	13.1	367	2.86	7.8	1.0	2.6	5.3	24	<0.1	0.6	0.2	62	0.25	0.034
1069656	Soil	2.1	43.7	22.1	213	0.4	45.8	14.6	476	3.95	11.0	1.9	5.1	13.0	20	0.8	2.3	0.2	55	0.13	0.055
1069655	Soil	1.5	22.1	12.2	86	<0.1	36.0	31.7	596	5.45	11.1	0.7	0.7	4.8	30	<0.1	0.2	<0.1	88	0.34	0.065
1069654	Soil	1.1	37.0	25.2	98	0.2	56.9	25.6	421	4.72	13.0	0.6	<0.5	4.2	22	0.2	0.2	0.2	111	0.54	0.222
1069653	Soil	3.8	50.8	21.7	84	0.3	38.5	19.4	469	4.32	9.0	0.8	1.6	9.2	12	0.2	0.5	0.2	67	0.11	0.025
1069651	Soil	0.5	91.7	11.5	28	<0.1	217.2	43.2	368	2.46	5.1	0.4	1.0	4.0	10	<0.1	0.1	0.2	73	0.14	0.015
1069652	Soil	1.3	22.7	12.9	52	0.5	23.6	11.9	366	2.99	10.9	1.1	2.4	6.0	16	0.2	0.7	0.2	68	0.15	0.034
1066974	Soil	1.2	57.3	9.8	74	0.1	28.5	14.4	456	3.66	6.6	0.4	2.5	2.9	28	0.2	0.5	0.3	90	0.34	0.039
1066973	Soil	1.1	51.0	11.1	61	0.1	24.4	13.8	404	3.33	6.9	0.4	7.0	3.2	19	0.1	0.5	0.2	85	0.26	0.038
1066971	Soil	1.0	37.6	9.5	61	0.1	33.5	12.9	465	3.27	7.8	0.5	1.4	3.4	14	0.1	0.4	0.2	81	0.15	0.035
1066972	Soil	2.1	76.9	10.2	83	<0.1	42.8	18.8	558	4.17	4.9	0.7	0.7	3.1	37	<0.1	0.3	0.1	95	0.38	0.103
1066970	Soil	1.1	95.6	7.7	75	0.2	24.2	16.1	636	4.08	7.0	0.5	4.1	2.6	12	0.1	0.5	0.2	83	0.13	0.031
1066969	Soil	0.9	24.5	10.1	86	<0.1	25.5	10.8	494	2.95	6.5	0.5	4.9	3.2	28	0.3	0.4	0.2	79	0.29	0.028
1066968	Soil	1.0	29.6	10.5	63	0.1	19.7	10.7	308	2.78	7.7	0.9	4.1	4.5	30	<0.1	0.4	0.6	62	0.31	0.041
1066967	Soil	1.5	49.2	13.0	106	0.3	9.6	7.7	249	3.69	5.2	1.5	1.6	7.2	60	0.1	0.3	0.2	52	0.22	0.057
1066966	Soil	1.0	40.9	14.9	62	2.2	22.8	9.2	357	4.42	5.1	0.9	17.0	4.2	57	<0.1	0.3	0.2	90	0.34	0.031
1066965	Soil	1.0	38.5	18.7	81	0.2	24.7	10.5	627	5.82	7.1	0.2	0.5	1.1	13	0.3	0.3	0.3	160	0.20	0.044
1066964	Soil	1.3	20.4	12.4	69	0.1	13.9	13.2	549	4.40	24.1	0.4	<0.5	3.0	21	0.2	0.4	0.2	113	0.20	0.045
1066963	Soil	1.0	121.2	22.0	94	0.3	19.0	19.4	571	5.23	11.9	0.6	0.9	1.6	22	0.6	0.5	0.6	182	0.27	0.028
1066962	Soil	1.0	37.8	11.5	68	<0.1	33.3	13.4	491	4.88	7.8	0.6	1.0	4.6	42	0.2	0.3	0.2	130	0.30	0.037
1066961	Soil	3.4	28.2	14.8	55	0.2	23.6	12.0	439	2.36	28.4	0.9	2.0	2.0	18	0.3	0.3	0.4	66	0.18	0.056
1066960	Soil	3.4	23.4	13.6	47	<0.1	29.0	9.7	248	3.31	25.2	1.0	2.9	3.3	18	0.2	0.6	0.6	104	0.20	0.051
1066959	Soil	1.0	16.1	12.1	51	<0.1	17.1	7.4	236	2.64	9.7	0.5	2.7	2.5	22	0.2	0.4	0.2	67	0.19	0.039
1066958	Soil	1.6	20.4	13.9	54	0.2	18.1	7.7	250	2.62	9.6	0.7	1.8	1.5	31	0.2	0.4	0.3	62	0.27	0.042

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Client: **Ryan Gold Corp.**
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Project: CHA
Report Date: July 23, 2011

CERTIFICATE OF ANALYSIS WHI11000423.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1069664	Soil		9	29	0.46	148	0.063	<1	1.96	0.009	0.06	<0.1	0.02	2.4	0.1	<0.05	7	<0.5	<0.2
1069660	Soil		13	37	0.55	211	0.077	1	2.13	0.010	0.05	0.1	0.03	3.3	0.1	<0.05	7	<0.5	<0.2
1069658	Soil		37	94	2.49	308	0.100	1	4.14	0.003	0.31	<0.1	<0.01	8.6	0.4	<0.05	12	0.6	<0.2
1069666	Soil		21	41	0.69	118	0.104	<1	2.31	0.008	0.20	0.1	0.03	2.8	0.2	<0.05	8	<0.5	<0.2
1069659	Soil		10	29	0.45	225	0.074	<1	1.67	0.012	0.09	0.1	0.01	2.0	0.1	<0.05	7	<0.5	<0.2
1069657	Soil		38	32	0.78	446	0.047	1	2.58	0.008	0.16	<0.1	0.02	3.8	0.3	<0.05	7	0.9	<0.2
1069663	Soil		20	41	0.72	243	0.085	1	2.02	0.011	0.07	<0.1	0.03	4.5	0.1	<0.05	5	<0.5	<0.2
1069656	Soil		35	32	0.75	434	0.042	1	2.50	0.007	0.15	<0.1	0.03	3.6	0.3	<0.05	7	0.6	<0.2
1069655	Soil		12	78	2.22	214	0.165	<1	3.74	0.008	0.23	<0.1	0.02	5.2	0.2	<0.05	11	<0.5	<0.2
1069654	Soil		15	264	2.27	196	0.110	<1	2.87	0.008	0.04	0.2	0.02	3.7	<0.1	<0.05	15	<0.5	<0.2
1069653	Soil		14	43	0.74	135	0.077	<1	2.59	0.007	0.14	<0.1	0.02	3.3	0.2	<0.05	8	<0.5	<0.2
1069651	Soil		13	934	2.12	108	0.124	<1	1.91	0.004	0.09	<0.1	<0.01	1.6	0.1	<0.05	5	<0.5	<0.2
1069652	Soil		12	41	0.51	171	0.079	1	2.86	0.010	0.06	0.1	0.06	4.1	0.1	<0.05	6	<0.5	<0.2
1066974	Soil		7	45	1.05	205	0.137	<1	2.48	0.015	0.23	0.3	0.01	3.5	0.1	<0.05	8	<0.5	<0.2
1066973	Soil		9	37	0.74	132	0.103	1	2.12	0.017	0.15	0.6	<0.01	3.1	0.1	<0.05	7	<0.5	<0.2
1066971	Soil		7	53	0.99	244	0.091	<1	2.29	0.011	0.12	0.1	0.02	3.4	<0.1	<0.05	7	<0.5	<0.2
1066972	Soil		6	66	1.82	124	0.161	<1	2.57	0.009	0.19	<0.1	<0.01	2.5	0.1	<0.05	9	<0.5	<0.2
1066970	Soil		7	32	1.13	126	0.058	<1	2.29	0.008	0.08	<0.1	0.01	4.0	<0.1	<0.05	8	<0.5	<0.2
1066969	Soil		10	48	0.81	169	0.092	<1	1.94	0.010	0.11	0.1	0.01	3.4	<0.1	<0.05	7	<0.5	<0.2
1066968	Soil		14	33	0.67	245	0.082	<1	1.82	0.015	0.06	0.1	0.02	4.1	0.1	<0.05	6	<0.5	<0.2
1066967	Soil		21	17	0.85	367	0.090	<1	1.83	0.041	0.27	<0.1	0.01	4.4	0.2	0.27	5	<0.5	<0.2
1066966	Soil		14	46	1.18	268	0.123	<1	2.13	0.057	0.15	<0.1	0.02	5.1	0.4	0.21	8	<0.5	<0.2
1066965	Soil		3	58	1.58	229	0.236	<1	2.86	0.012	0.59	0.2	<0.01	4.8	1.0	<0.05	11	<0.5	<0.2
1066964	Soil		6	33	1.19	198	0.145	<1	2.42	0.015	0.33	0.1	0.01	5.3	0.5	<0.05	10	<0.5	<0.2
1066963	Soil		5	36	2.55	176	0.251	<1	3.33	0.016	0.24	0.3	0.01	10.9	0.8	<0.05	13	<0.5	<0.2
1066962	Soil		7	90	2.12	293	0.166	<1	3.56	0.014	0.49	<0.1	0.02	7.9	0.9	<0.05	11	<0.5	<0.2
1066961	Soil		10	27	0.46	128	0.069	<1	1.67	0.012	0.08	0.2	0.02	2.5	0.2	<0.05	7	0.5	<0.2
1066960	Soil		11	37	0.61	182	0.088	<1	2.04	0.009	0.06	0.2	0.02	3.1	0.2	<0.05	7	<0.5	<0.2
1066959	Soil		9	30	0.51	161	0.088	1	1.97	0.010	0.08	0.1	0.02	2.7	0.1	<0.05	7	<0.5	<0.2
1066958	Soil		7	30	0.43	232	0.068	1	2.32	0.016	0.11	0.2	0.04	2.8	0.2	<0.05	8	<0.5	<0.2

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Project: CHA
Report Date: July 23, 2011

CERTIFICATE OF ANALYSIS WHI11000423.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1066956	Soil	1.2	25.2	13.6	53	<0.1	20.5	9.5	255	3.14	18.8	0.6	1.7	3.6	48	0.1	0.3	0.5	75	0.26	0.027
1066957	Soil	0.7	22.4	9.4	54	<0.1	21.0	12.5	323	3.04	8.5	0.9	1.9	4.3	48	<0.1	0.3	0.2	70	0.32	0.039
1066955	Soil	1.8	20.9	14.3	54	0.1	17.7	11.7	451	3.51	24.2	0.5	3.4	3.0	38	0.2	0.4	0.5	83	0.21	0.048
1066952	Soil	0.8	32.9	14.4	56	<0.1	17.5	12.9	335	3.19	8.5	0.6	2.2	3.6	49	0.2	0.4	0.9	74	0.27	0.035
1066953	Soil	1.3	24.7	14.2	51	<0.1	21.1	11.0	251	3.56	12.5	0.5	2.5	3.3	29	0.1	0.5	0.4	84	0.19	0.025
1066954	Soil	0.3	5.2	4.0	10	0.1	2.3	1.3	35	0.51	1.0	0.2	0.9	<0.1	9	<0.1	<0.1	0.1	13	0.06	0.020
1066951	Soil	0.7	32.2	12.3	51	<0.1	18.8	11.1	264	3.28	8.3	0.4	2.0	2.4	50	0.1	0.3	0.4	77	0.37	0.047
1066981	Soil	1.1	36.3	16.1	103	<0.1	80.2	23.6	414	5.21	5.8	0.6	<0.5	8.4	15	0.1	0.3	0.1	70	0.17	0.041
1066980	Soil	0.9	40.5	16.2	63	<0.1	34.8	13.7	277	3.19	10.0	1.0	2.4	7.3	22	0.1	0.5	0.3	58	0.37	0.073
1066979	Soil	1.0	42.3	17.8	59	<0.1	37.5	14.7	276	3.05	7.8	0.9	0.8	8.4	22	<0.1	0.4	0.2	53	0.40	0.080
1066978	Soil	0.9	30.8	10.2	66	0.1	24.3	10.8	372	2.64	8.4	0.9	2.3	3.3	37	0.1	0.5	0.2	53	0.58	0.066
1066977	Soil	0.8	33.2	10.0	71	0.2	25.9	11.3	433	2.66	9.5	0.8	2.0	3.1	37	0.2	0.6	0.2	52	0.71	0.073
1066976	Soil	0.5	18.0	6.3	53	<0.1	17.8	7.9	240	1.94	6.5	0.5	1.4	3.2	34	0.2	0.5	0.1	39	0.76	0.089
1066975	Soil	0.8	28.5	9.3	70	0.1	22.3	10.3	452	2.49	9.0	0.8	2.5	3.2	37	0.2	0.7	0.2	49	0.79	0.076
1067131	Soil	0.7	55.7	7.8	47	0.2	35.1	10.8	234	2.66	10.6	0.3	2.0	1.7	12	0.1	0.5	0.1	67	0.13	0.034
1067133	Soil	2.6	63.6	17.5	165	0.2	52.7	16.9	381	5.39	6.9	1.0	1.7	9.3	12	0.2	0.4	0.2	99	0.17	0.058
1067132	Soil	0.9	34.0	10.5	62	<0.1	34.5	12.5	379	3.21	8.7	0.6	0.9	3.3	17	0.1	0.4	0.2	64	0.21	0.032
1067119	Soil	1.2	18.6	11.0	55	<0.1	17.2	8.2	231	3.18	10.9	0.4	1.9	2.8	13	0.1	0.6	0.2	74	0.13	0.032
1067118	Soil	0.7	46.9	10.6	68	<0.1	24.4	14.4	403	3.03	7.9	0.4	1.3	2.6	28	0.1	0.5	0.2	69	0.27	0.048
1067117	Soil	1.4	21.6	11.9	55	0.3	21.2	11.9	320	3.29	12.1	0.5	3.0	3.2	17	0.4	0.6	0.2	71	0.16	0.037
1067116	Soil	0.8	94.4	12.8	77	<0.1	27.0	23.6	494	3.70	17.2	0.4	3.1	2.4	47	0.2	0.6	0.2	80	0.32	0.039
1067115	Soil	0.6	72.2	9.7	67	0.2	22.7	14.1	415	3.27	10.7	0.6	1.1	2.7	34	<0.1	0.4	0.2	74	0.40	0.071
1067114	Soil	1.1	19.9	12.7	38	<0.1	10.3	5.0	198	2.62	8.2	0.3	0.9	1.7	13	<0.1	0.5	0.3	83	0.10	0.025
1067112	Soil	0.8	60.6	16.3	66	0.2	19.8	12.8	324	2.98	78.9	0.4	3.6	1.5	32	0.4	0.6	0.2	69	0.27	0.057
1067113	Soil	1.5	15.7	13.3	45	0.1	12.5	7.0	278	3.76	12.7	0.5	1.1	3.0	15	0.1	0.6	0.2	89	0.13	0.041
1067111	Soil	0.7	51.7	22.3	64	0.2	23.0	11.7	318	2.84	36.5	0.7	4.2	2.7	29	0.1	0.5	0.2	66	0.33	0.077
1067110	Soil	0.6	60.9	14.1	69	0.2	25.9	10.9	266	2.78	21.4	0.8	4.4	2.3	33	0.1	0.4	0.2	64	0.36	0.073
1067130	Soil	<0.1	187.3	1.2	37	<0.1	65.0	17.1	279	1.98	1.1	0.1	<0.5	0.3	16	<0.1	<0.1	<0.1	68	0.38	0.068
1067129	Soil	0.8	15.3	8.9	29	<0.1	5.8	5.2	181	2.34	6.7	0.4	2.2	1.4	13	<0.1	0.3	0.2	69	0.16	0.069
1067128	Soil	0.7	54.0	6.2	86	<0.1	22.5	13.2	464	4.35	6.1	0.3	<0.5	1.6	18	<0.1	0.4	0.1	96	0.16	0.022

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

Project: CHA
Report Date: July 23, 2011

CERTIFICATE OF ANALYSIS WHI11000423.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1066956	Soil	9	45	0.89	155	0.119	<1	2.63	0.014	0.13	0.1	0.02	3.8	0.3	<0.05	9	<0.5	<0.2
1066957	Soil	12	51	1.17	238	0.153	<1	2.33	0.014	0.18	0.1	0.02	4.3	0.4	<0.05	7	<0.5	<0.2
1066955	Soil	8	36	0.65	144	0.105	<1	2.26	0.012	0.10	0.2	0.01	3.1	0.2	<0.05	10	<0.5	<0.2
1066952	Soil	8	31	0.90	172	0.129	<1	2.50	0.015	0.12	0.3	0.02	4.7	0.3	<0.05	8	<0.5	<0.2
1066953	Soil	9	35	0.60	188	0.098	<1	2.79	0.012	0.06	0.2	0.01	3.4	0.2	<0.05	9	<0.5	<0.2
1066954	Soil	2	5	0.06	42	0.027	2	0.34	0.016	0.03	<0.1	0.02	0.3	<0.1	0.07	3	<0.5	<0.2
1066951	Soil	8	28	0.85	173	0.095	<1	2.70	0.013	0.10	0.4	0.02	4.2	0.2	<0.05	9	<0.5	<0.2
1066981	Soil	22	95	1.67	160	0.165	<1	3.50	0.009	0.56	0.5	0.01	3.4	0.6	<0.05	10	<0.5	<0.2
1066980	Soil	19	42	0.75	245	0.067	1	2.03	0.010	0.07	3.4	0.04	6.5	0.1	<0.05	5	<0.5	<0.2
1066979	Soil	21	43	0.75	217	0.066	<1	1.88	0.010	0.08	4.2	0.02	6.6	<0.1	<0.05	5	<0.5	<0.2
1066978	Soil	13	30	0.62	297	0.061	<1	1.76	0.017	0.06	0.3	0.04	3.6	<0.1	<0.05	5	<0.5	<0.2
1066977	Soil	12	30	0.63	317	0.061	<1	1.63	0.020	0.07	0.2	0.03	3.7	<0.1	<0.05	5	0.7	<0.2
1066976	Soil	11	20	0.51	246	0.062	1	1.04	0.024	0.06	0.2	<0.01	2.1	<0.1	<0.05	3	0.5	<0.2
1066975	Soil	11	27	0.60	208	0.068	2	1.38	0.023	0.09	0.3	0.03	3.2	<0.1	<0.05	4	0.7	<0.2
1067131	Soil	7	61	0.62	136	0.071	<1	2.10	0.009	0.05	0.1	0.03	2.5	0.1	<0.05	6	0.5	<0.2
1067133	Soil	17	52	0.93	192	0.089	<1	3.19	0.006	0.42	<0.1	0.02	2.7	0.4	<0.05	10	0.9	<0.2
1067132	Soil	12	45	0.70	221	0.066	<1	2.17	0.010	0.07	<0.1	0.02	2.9	0.1	<0.05	6	0.6	<0.2
1067119	Soil	9	28	0.42	154	0.056	<1	2.37	0.008	0.05	0.1	0.02	2.5	0.1	<0.05	7	<0.5	<0.2
1067118	Soil	9	33	0.85	182	0.101	<1	2.09	0.010	0.11	0.1	0.01	3.1	0.1	<0.05	6	0.5	<0.2
1067117	Soil	9	32	0.45	187	0.059	1	2.65	0.010	0.06	0.1	0.04	2.9	0.1	<0.05	6	<0.5	<0.2
1067116	Soil	9	36	0.85	197	0.088	2	2.69	0.012	0.08	0.1	0.01	4.0	0.1	<0.05	7	0.7	<0.2
1067115	Soil	11	34	0.87	250	0.089	1	2.27	0.011	0.08	0.1	0.03	3.6	0.1	<0.05	6	<0.5	<0.2
1067114	Soil	7	20	0.34	80	0.127	<1	1.37	0.006	0.06	<0.1	0.03	1.9	0.1	<0.05	10	<0.5	<0.2
1067112	Soil	9	26	0.64	184	0.092	<1	1.79	0.011	0.10	0.1	0.04	2.4	0.1	<0.05	6	0.5	<0.2
1067113	Soil	11	31	0.36	141	0.078	1	2.26	0.007	0.05	0.2	0.03	2.6	0.1	<0.05	9	<0.5	<0.2
1067111	Soil	11	31	0.68	167	0.080	1	2.05	0.012	0.09	0.2	0.02	3.2	0.1	<0.05	6	<0.5	<0.2
1067110	Soil	11	30	0.76	306	0.082	<1	2.27	0.011	0.10	0.2	0.03	4.2	0.1	<0.05	6	<0.5	<0.2
1067130	Soil	2	78	1.39	213	0.110	<1	1.49	0.023	0.32	<0.1	<0.01	3.4	0.1	<0.05	4	<0.5	<0.2
1067129	Soil	10	19	0.37	80	0.068	<1	1.49	0.010	0.05	<0.1	0.02	2.3	0.1	<0.05	8	<0.5	<0.2
1067128	Soil	6	36	1.24	220	0.090	<1	2.95	0.008	0.11	<0.1	0.02	4.6	0.2	<0.05	9	<0.5	<0.2

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Vancouver BC V6C 1H2 Canada

Project: CHA
Report Date: July 23, 2011

CERTIFICATE OF ANALYSIS WHI11000423.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1067127	Soil		1.4	11.4	12.1	46	0.1	9.3	6.5	348	2.73	7.1	0.4	<0.5	2.9	10	<0.1	0.4	0.2	84	0.10	0.024
1067120	Soil		0.9	97.5	6.9	58	0.2	17.0	12.7	293	3.75	7.6	0.2	<0.5	1.2	12	0.1	0.4	0.1	97	0.17	0.050
1067122	Soil		0.4	68.3	2.7	65	<0.1	18.7	17.1	633	3.90	3.0	0.1	<0.5	0.6	26	0.1	0.2	<0.1	83	0.35	0.093
1067125	Soil		1.4	34.8	10.7	80	0.2	19.7	15.5	1002	3.95	8.2	1.0	1.3	4.6	31	0.2	0.8	<0.1	65	1.66	0.043
1067126	Soil		1.3	36.6	10.0	86	0.2	19.6	17.0	966	4.47	7.5	1.0	<0.5	4.5	24	0.2	0.7	0.1	74	0.86	0.040
1067123	Soil		1.2	16.7	14.0	68	0.2	18.5	9.0	348	3.45	10.3	0.5	0.7	3.3	14	0.2	0.5	0.2	79	0.14	0.035
1067121	Soil		1.2	66.1	8.4	60	0.3	17.4	11.7	283	3.64	10.4	0.4	0.8	1.8	9	0.2	0.6	0.1	83	0.12	0.064
1067124	Soil		0.5	34.7	7.7	60	<0.1	20.9	10.8	364	3.02	7.8	0.6	2.1	3.3	22	<0.1	0.3	0.1	70	0.22	0.033
1067134	Soil		0.9	17.2	11.1	52	<0.1	16.9	7.4	229	2.82	5.7	0.4	<0.5	3.6	12	<0.1	0.4	0.2	62	0.15	0.036
1067109	Soil		0.5	55.5	11.9	53	<0.1	16.6	9.8	358	3.24	6.9	0.4	4.3	0.6	125	0.2	0.5	0.2	72	0.40	0.040
1067108	Soil		0.9	58.4	11.4	53	0.2	25.4	10.0	350	3.27	8.9	1.0	3.4	2.4	36	<0.1	0.5	0.2	77	0.33	0.073
1067107	Soil		0.7	45.0	11.1	58	0.1	21.9	10.1	276	2.48	7.2	0.6	2.1	2.3	44	<0.1	0.5	0.2	58	0.34	0.050
1067101	Soil		0.3	54.4	5.8	59	<0.1	27.5	8.1	657	2.48	4.5	0.7	0.8	1.9	49	<0.1	0.2	<0.1	45	0.20	0.048
1067105	Soil		0.8	36.0	27.7	74	<0.1	24.9	11.8	393	3.09	13.1	0.6	2.9	1.5	33	0.1	0.4	0.2	72	0.26	0.051
1067106	Soil		0.8	53.5	11.1	63	0.1	57.8	18.0	401	2.99	14.0	0.5	1.2	2.4	35	<0.1	0.4	0.3	65	0.27	0.042
1067104	Soil		0.9	30.0	36.0	48	<0.1	17.1	6.0	215	2.51	9.7	0.5	1.5	0.6	29	0.3	0.4	0.3	70	0.16	0.044
1067102	Soil		0.7	50.2	73.1	136	0.1	32.0	11.6	417	3.49	13.7	0.8	2.4	3.5	42	0.2	0.4	0.2	83	0.27	0.054
1067103	Soil		0.6	24.8	22.4	59	<0.1	21.4	8.4	323	2.52	8.8	0.5	1.3	2.3	40	<0.1	0.4	0.1	56	0.20	0.039
1069811	Soil		0.6	13.6	7.1	46	<0.1	670.8	43.3	574	2.74	5.6	0.4	1.4	2.0	18	<0.1	0.3	0.1	45	0.16	0.019
1069831	Soil		4.9	47.7	12.2	140	1.0	58.7	13.3	417	3.47	19.5	0.8	3.5	4.3	24	0.4	0.5	0.2	88	0.25	0.054
1069815	Soil		4.3	72.2	12.2	149	0.2	45.5	10.6	317	3.66	9.5	2.8	6.0	4.8	19	0.7	0.4	0.2	75	0.18	0.072
1069820	Soil		1.9	51.3	25.0	101	0.8	51.2	14.2	457	4.09	5.6	0.7	1.1	4.8	13	0.6	0.3	0.3	79	0.19	0.085
1069819	Soil		5.0	97.1	13.9	145	0.4	46.0	12.1	329	3.85	23.6	2.6	2.8	4.1	23	0.8	0.4	0.3	74	0.16	0.078
1069814	Soil		1.7	61.8	10.0	135	0.2	60.3	18.1	643	4.10	6.0	1.2	1.4	2.9	23	0.5	0.3	0.2	89	0.18	0.095
1069816	Soil		3.4	61.5	12.3	111	0.3	38.6	10.4	276	3.34	22.1	1.6	2.4	1.4	16	0.4	0.5	0.3	69	0.12	0.078
1069818	Soil		3.2	45.5	17.7	176	0.4	54.3	14.6	565	4.55	9.2	1.9	5.9	5.7	22	0.8	0.3	0.2	69	0.19	0.091
1069812	Soil		0.8	11.6	9.3	32	<0.1	275.5	18.4	367	2.43	6.2	0.5	2.4	1.8	15	0.2	0.4	0.1	51	0.10	0.014
1069813	Soil		2.2	28.2	10.8	57	0.2	27.3	9.9	638	2.41	5.1	0.7	1.1	2.1	13	0.1	0.3	0.2	61	0.09	0.052
1069817	Soil		7.4	90.9	10.9	255	0.2	79.1	20.1	768	4.32	11.3	2.5	2.8	5.6	34	0.9	0.3	0.3	82	0.17	0.130
1069810	Soil		0.5	13.6	7.1	47	<0.1	367.6	29.5	403	2.56	6.4	0.5	1.4	2.5	18	0.1	0.4	0.1	40	0.17	0.016

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1067127	Soil	11	23	0.27	143	0.057	<1	1.80	0.009	0.04	<0.1	<0.01	2.4	0.2	<0.05	9	<0.5	<0.2
1067120	Soil	4	24	0.77	113	0.131	<1	2.18	0.012	0.06	0.1	0.02	2.0	<0.1	<0.05	7	<0.5	<0.2
1067122	Soil	2	22	1.50	182	0.189	<1	2.83	0.011	0.20	<0.1	<0.01	2.1	0.1	<0.05	8	<0.5	<0.2
1067125	Soil	17	25	0.91	206	0.033	<1	2.66	0.007	0.14	<0.1	0.02	7.3	0.2	<0.05	6	0.6	<0.2
1067126	Soil	18	27	1.06	220	0.040	<1	2.91	0.008	0.16	<0.1	0.02	8.5	0.2	<0.05	7	<0.5	<0.2
1067123	Soil	10	32	0.48	191	0.053	<1	2.58	0.009	0.05	<0.1	0.03	2.8	0.1	<0.05	8	<0.5	<0.2
1067121	Soil	5	27	0.71	87	0.087	<1	3.35	0.008	0.07	0.1	0.13	2.4	0.1	<0.05	6	<0.5	<0.2
1067124	Soil	12	31	0.87	251	0.084	<1	2.20	0.009	0.09	0.1	0.01	4.2	0.1	<0.05	6	<0.5	<0.2
1067134	Soil	8	25	0.33	127	0.064	<1	1.66	0.011	0.07	<0.1	0.01	1.6	<0.1	<0.05	7	<0.5	<0.2
1067109	Soil	8	26	0.67	197	0.042	<1	2.51	0.013	0.06	<0.1	0.03	3.0	0.1	<0.05	7	0.5	<0.2
1067108	Soil	13	42	0.70	237	0.071	1	2.71	0.013	0.05	0.2	0.05	4.6	0.2	0.06	7	<0.5	<0.2
1067107	Soil	10	26	0.62	164	0.072	2	1.89	0.017	0.06	<0.1	0.02	3.1	<0.1	<0.05	5	<0.5	<0.2
1067101	Soil	6	20	1.33	280	0.130	<1	2.34	0.007	0.36	<0.1	0.02	2.0	0.2	<0.05	7	<0.5	<0.2
1067105	Soil	10	33	0.74	272	0.081	1	2.34	0.011	0.08	0.1	0.03	3.2	0.1	<0.05	7	0.5	<0.2
1067106	Soil	8	64	0.89	191	0.094	1	2.51	0.013	0.10	0.1	0.02	2.5	0.3	<0.05	6	<0.5	<0.2
1067104	Soil	8	26	0.59	132	0.098	<1	1.85	0.009	0.07	<0.1	0.03	1.6	0.2	<0.05	8	<0.5	<0.2
1067102	Soil	12	39	0.93	272	0.122	1	2.79	0.012	0.10	0.1	0.03	4.0	0.2	<0.05	7	0.6	<0.2
1067103	Soil	8	25	0.63	215	0.075	1	2.23	0.013	0.10	0.1	0.03	2.4	0.1	<0.05	6	<0.5	<0.2
1069811	Soil	7	159	2.78	140	0.056	2	1.14	0.016	0.04	0.2	0.02	3.0	<0.1	<0.05	3	<0.5	<0.2
1069831	Soil	13	45	0.75	224	0.049	<1	2.61	0.007	0.08	0.2	0.03	3.1	0.1	0.06	7	1.0	<0.2
1069815	Soil	23	40	0.89	237	0.050	1	1.78	0.008	0.08	0.1	0.01	3.3	0.1	0.07	5	3.1	<0.2
1069820	Soil	9	55	1.04	169	0.105	<1	2.14	0.007	0.11	<0.1	0.01	3.0	0.1	<0.05	7	1.3	<0.2
1069819	Soil	19	38	0.67	189	0.042	<1	2.33	0.008	0.08	0.2	0.02	3.2	0.1	0.09	6	3.0	<0.2
1069814	Soil	15	66	1.03	216	0.107	1	2.36	0.008	0.27	<0.1	0.02	3.1	0.2	0.11	7	1.3	<0.2
1069816	Soil	21	43	0.74	138	0.024	<1	2.59	0.009	0.06	<0.1	0.04	2.7	0.2	0.06	6	1.5	<0.2
1069818	Soil	15	40	0.96	177	0.114	<1	2.33	0.007	0.14	<0.1	0.02	3.3	0.1	0.06	7	1.4	<0.2
1069812	Soil	8	155	1.31	142	0.052	1	1.35	0.012	0.03	<0.1	0.02	2.1	<0.1	0.06	5	<0.5	<0.2
1069813	Soil	10	26	0.40	117	0.064	<1	1.31	0.009	0.07	<0.1	0.01	1.6	<0.1	<0.05	6	1.0	<0.2
1069817	Soil	23	52	0.76	117	0.032	<1	1.98	0.006	0.11	0.2	0.01	2.8	0.1	0.06	7	3.1	0.3
1069810	Soil	9	99	1.43	196	0.056	1	1.24	0.012	0.03	0.2	0.02	2.9	<0.1	<0.05	4	<0.5	<0.2

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Project: CHA
Report Date: July 23, 2011

CERTIFICATE OF ANALYSIS WHI11000423.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1069829	Soil		3.2	26.9	10.1	173	0.8	46.1	16.2	364	3.23	22.8	0.6	1.3	2.2	27	1.8	0.5	0.5	72	0.34	0.099
1069828	Soil		1.4	62.2	8.6	211	0.7	110.7	25.8	604	4.13	48.2	1.3	1.0	7.6	26	0.5	0.2	0.1	79	0.59	0.061
1069827	Soil		2.6	31.1	15.8	196	1.1	50.8	15.7	717	3.52	12.1	0.8	1.4	2.6	15	2.3	0.5	0.3	83	0.14	0.060
1069834	Soil		0.9	22.5	23.7	99	0.1	24.5	10.5	230	2.97	4.1	0.6	<0.5	3.1	21	1.5	0.3	0.9	51	0.23	0.039
1069832	Soil		3.1	45.4	14.9	107	0.8	41.4	11.8	365	3.07	11.1	1.0	4.5	3.8	22	0.4	0.3	0.2	70	0.19	0.045
1069830	Soil		4.1	72.7	39.2	244	0.9	669.1	36.4	776	4.56	253.7	1.7	<0.5	3.6	32	0.4	0.2	1.1	173	0.35	0.069
1069833	Soil		1.5	23.9	5.9	135	0.2	27.2	14.0	521	3.62	2.3	0.4	1.6	2.4	19	0.4	0.2	0.4	86	0.29	0.050
1069826	Soil		8.3	81.2	15.6	228	1.2	46.4	5.0	237	5.03	2.5	2.9	1.2	5.6	33	0.6	0.3	0.2	124	0.10	0.107
1069824	Soil		4.7	85.2	20.4	250	0.6	105.6	19.8	699	5.31	11.1	1.6	<0.5	3.5	15	2.1	0.5	0.3	140	0.13	0.088
1069825	Soil		9.1	86.2	33.0	235	1.3	48.1	5.0	227	5.06	2.4	3.3	1.4	6.0	34	1.5	0.4	0.3	125	0.10	0.113
1069802	Soil		0.9	35.1	17.5	65	0.1	31.7	12.4	261	3.01	7.3	1.4	2.3	7.4	22	0.3	0.4	0.2	59	0.18	0.019
1069807	Soil		0.5	52.4	9.8	122	<0.1	39.3	15.7	427	4.74	2.3	1.0	<0.5	6.2	23	<0.1	0.1	<0.1	42	0.32	0.074
1069801	Soil		1.9	63.1	44.9	58	0.1	38.3	16.8	626	3.66	1.7	4.4	1.1	22.6	17	0.1	0.4	0.4	15	0.17	0.067
1069805	Soil		0.9	20.5	15.0	60	0.1	21.8	8.5	262	2.88	5.0	0.8	0.8	7.7	19	0.1	0.4	0.2	52	0.20	0.016
1069803	Soil		0.5	27.5	10.8	57	<0.1	28.1	13.5	279	3.41	2.0	1.2	1.6	14.7	12	0.2	0.2	0.2	19	0.12	0.043
1069806	Soil		0.8	24.2	21.1	60	<0.1	23.7	9.2	245	3.10	2.5	0.8	<0.5	11.1	8	0.1	0.2	0.2	29	0.07	0.019
1069804	Soil		0.8	35.9	16.4	62	<0.1	24.5	11.2	220	3.05	4.0	1.6	0.6	15.2	8	0.1	0.3	0.3	30	0.07	0.013
1069808	Soil		0.5	14.2	7.2	42	<0.1	428.0	28.4	482	2.29	11.0	0.5	1.3	1.9	16	0.3	0.3	0.1	41	0.15	0.015
1069821	Soil		5.0	47.9	14.3	131	4.2	30.5	6.5	187	3.67	10.0	1.4	2.6	3.0	13	1.9	0.8	0.3	102	0.09	0.061
1069823	Soil		3.9	89.5	8.1	439	0.5	206.4	23.2	527	5.20	38.4	1.4	2.0	4.2	13	1.5	0.3	0.2	155	0.27	0.135
1069809	Soil		0.6	17.1	7.5	46	<0.1	370.3	28.3	389	2.61	8.8	0.6	3.5	2.4	15	0.2	0.5	0.1	46	0.16	0.012
1069822	Soil		7.6	68.2	9.7	119	2.0	21.7	5.0	148	4.20	10.2	2.3	1.4	6.7	21	0.5	0.4	0.2	125	0.04	0.076
1066517	Soil		1.0	25.6	7.4	64	0.1	22.3	10.3	351	2.80	5.3	0.6	2.3	2.2	31	0.2	0.4	0.2	72	0.33	0.053
1066518	Soil		1.0	31.6	6.4	66	<0.1	21.2	9.5	363	2.90	5.2	0.6	2.9	2.1	35	0.1	0.3	0.2	75	0.35	0.049
1066519	Soil		0.8	32.3	6.2	70	<0.1	19.4	10.2	352	2.95	5.1	0.5	4.5	1.9	40	<0.1	0.3	0.2	88	0.39	0.054
1066520	Soil		0.9	43.2	5.6	61	<0.1	15.1	11.9	373	3.54	4.3	0.4	2.7	1.8	58	0.1	0.3	0.2	113	0.47	0.066
1066521	Soil		1.1	66.5	5.5	57	0.1	16.0	12.9	434	3.28	4.9	0.4	2.6	1.8	66	<0.1	0.3	0.2	100	0.52	0.058
1066522	Soil		1.2	79.3	7.3	65	0.2	19.5	10.8	411	3.47	6.5	0.8	4.2	2.2	62	<0.1	0.5	0.3	99	0.54	0.054
1066523	Soil		1.1	52.0	13.1	64	<0.1	22.3	13.7	517	3.26	8.6	0.5	3.5	2.4	36	0.4	0.5	0.3	82	0.32	0.036
1066524	Soil		1.1	70.8	25.4	61	0.3	22.5	14.6	516	3.55	11.2	0.5	5.3	2.0	36	0.2	0.6	0.5	75	0.52	0.032

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Project: CHA
Report Date: July 23, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1069829	Soil		9	46	0.69	200	0.072	2	1.91	0.012	0.14	0.1	<0.01	2.6	<0.1	<0.05	7	1.2	<0.2
1069828	Soil		23	60	1.71	155	0.113	1	2.47	0.005	0.07	0.1	0.03	5.9	<0.1	<0.05	9	1.9	<0.2
1069827	Soil		11	41	0.67	217	0.063	<1	2.89	0.010	0.06	0.1	0.02	3.1	0.1	<0.05	7	0.7	<0.2
1069834	Soil		8	28	0.44	122	0.065	<1	1.97	0.017	0.10	<0.1	<0.01	1.7	<0.1	<0.05	6	<0.5	<0.2
1069832	Soil		13	42	0.70	142	0.081	<1	1.97	0.012	0.06	0.1	<0.01	2.6	<0.1	<0.05	6	0.6	<0.2
1069830	Soil		18	474	4.33	164	0.151	1	3.86	0.005	0.11	<0.1	<0.01	4.6	0.2	0.10	12	2.3	0.3
1069833	Soil		4	75	1.26	266	0.095	<1	2.48	0.008	0.14	<0.1	<0.01	2.6	<0.1	<0.05	7	<0.5	<0.2
1069826	Soil		35	49	0.46	262	0.156	<1	1.22	0.013	0.11	0.1	0.02	3.6	0.3	0.22	6	4.8	<0.2
1069824	Soil		14	95	1.10	206	0.088	1	2.64	0.010	0.06	0.1	0.02	4.9	0.1	<0.05	9	2.1	<0.2
1069825	Soil		37	49	0.45	278	0.179	<1	1.30	0.020	0.11	0.1	0.02	3.7	0.3	0.22	6	4.6	<0.2
1069802	Soil		29	37	0.62	175	0.088	<1	2.21	0.010	0.06	0.1	0.03	4.2	<0.1	0.06	6	0.5	<0.2
1069807	Soil		17	33	1.17	143	0.134	<1	2.61	0.005	0.50	<0.1	<0.01	2.5	0.4	<0.05	8	0.6	<0.2
1069801	Soil		71	18	0.55	65	0.007	<1	1.60	0.005	0.13	<0.1	0.01	3.2	0.2	<0.05	5	1.0	<0.2
1069805	Soil		24	31	0.48	183	0.042	<1	1.66	0.012	0.09	<0.1	0.01	2.8	<0.1	<0.05	6	<0.5	<0.2
1069803	Soil		25	20	0.58	95	0.051	<1	1.78	0.004	0.12	<0.1	<0.01	1.8	0.2	<0.05	5	<0.5	<0.2
1069806	Soil		14	26	0.50	121	0.028	<1	1.70	0.005	0.12	<0.1	0.01	1.6	0.2	<0.05	5	0.6	<0.2
1069804	Soil		30	22	0.56	93	0.023	<1	1.87	0.006	0.07	<0.1	0.01	2.0	0.1	<0.05	5	0.5	<0.2
1069808	Soil		8	91	1.72	157	0.048	1	1.08	0.012	0.03	0.3	0.03	2.5	<0.1	<0.05	3	<0.5	<0.2
1069821	Soil		14	30	0.42	194	0.047	<1	2.08	0.008	0.06	0.3	0.05	2.5	0.1	<0.05	7	1.9	<0.2
1069823	Soil		9	121	1.47	219	0.094	<1	2.96	0.008	0.17	0.2	0.03	3.3	0.2	<0.05	9	2.4	<0.2
1069809	Soil		8	149	1.99	152	0.053	1	1.21	0.010	0.03	0.2	0.02	2.9	<0.1	<0.05	4	<0.5	<0.2
1069822	Soil		33	52	0.71	133	0.011	<1	2.30	0.007	0.07	<0.1	0.04	2.6	0.2	0.08	7	1.9	<0.2
1066517	Soil		9	34	0.96	306	0.138	2	2.26	0.017	0.27	0.2	0.03	5.6	0.2	<0.05	6	<0.5	<0.2
1066518	Soil		8	31	1.06	307	0.150	<1	2.32	0.016	0.36	0.1	0.03	5.5	0.2	<0.05	7	<0.5	<0.2
1066519	Soil		8	27	1.20	301	0.137	1	2.49	0.031	0.31	0.1	0.02	5.7	0.2	<0.05	7	<0.5	<0.2
1066520	Soil		7	24	1.49	359	0.162	<1	2.82	0.058	0.49	0.1	0.02	6.6	0.4	<0.05	8	<0.5	<0.2
1066521	Soil		7	21	1.18	272	0.142	<1	2.37	0.050	0.40	0.1	0.02	5.4	0.3	<0.05	7	<0.5	<0.2
1066522	Soil		9	28	1.16	305	0.142	<1	2.61	0.025	0.34	0.1	0.03	6.4	0.3	<0.05	7	0.6	<0.2
1066523	Soil		9	28	0.81	225	0.112	<1	2.47	0.019	0.14	0.3	0.03	4.3	0.2	<0.05	7	0.7	<0.2
1066524	Soil		7	26	0.81	179	0.087	<1	3.38	0.011	0.09	1.0	0.06	5.1	0.2	<0.05	8	<0.5	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1066525	Soil		1.3	14.6	12.2	62	0.1	17.2	12.7	1160	4.01	10.9	0.4	0.8	1.9	17	0.4	0.6	0.7	69	1.28	0.032
1066527	Soil		0.7	24.4	9.8	52	<0.1	20.8	9.1	357	2.83	8.3	0.5	1.9	2.5	21	<0.1	0.5	0.2	65	0.34	0.028
1066526	Soil		1.1	22.4	15.2	55	0.2	19.2	10.4	506	3.28	9.9	0.4	2.0	2.5	35	0.2	0.6	0.3	82	0.42	0.032
1066528	Soil		1.3	57.8	12.0	58	0.2	14.5	13.3	439	3.77	11.3	0.3	1.7	1.7	40	0.2	0.6	0.4	97	0.42	0.086
1066530	Soil		0.7	39.3	10.5	54	0.1	19.4	10.0	296	2.68	8.1	0.7	4.1	3.5	28	<0.1	0.5	0.3	60	0.35	0.050
1066531	Soil		1.0	31.5	11.5	55	0.1	17.2	11.1	300	2.82	8.7	0.5	3.5	2.6	25	<0.1	0.5	0.3	62	0.27	0.039
1066529	Soil		1.5	61.5	12.5	52	0.1	16.4	18.9	372	3.29	8.6	0.5	5.8	2.2	30	0.2	0.5	0.3	80	0.34	0.059
1066534	Soil		2.6	34.5	7.8	51	<0.1	26.1	14.6	360	2.84	7.3	0.6	34.3	2.0	22	0.1	0.4	0.3	78	0.25	0.040
1066501	Soil		3.1	47.2	14.4	59	<0.1	23.5	12.8	384	2.89	25.7	0.7	13.0	2.5	20	0.3	0.9	0.3	75	0.23	0.042
1066502	Soil		4.1	46.5	13.7	55	0.1	21.6	10.2	185	2.72	14.2	1.0	7.4	3.6	22	0.3	0.7	0.2	80	0.30	0.053
1066503	Soil		5.3	40.1	11.8	53	<0.1	25.2	10.8	284	3.24	11.2	0.7	14.8	2.3	28	0.2	0.5	0.2	84	0.32	0.059
1066504	Soil		1.0	26.0	10.2	56	<0.1	26.8	12.2	446	3.01	6.6	0.5	3.1	0.7	25	0.2	0.5	0.2	86	0.25	0.064
1066505	Soil		0.8	25.9	9.6	67	<0.1	42.6	15.1	429	2.84	7.2	0.6	7.1	2.4	32	0.2	0.5	0.1	76	0.40	0.039
1066506	Soil		0.7	10.5	4.9	53	<0.1	7.7	5.8	246	1.56	2.0	0.2	1.7	0.2	14	0.6	0.1	0.3	36	0.22	0.038
1066507	Soil		1.7	67.9	9.0	63	<0.1	58.1	24.5	447	3.67	10.7	0.6	14.7	2.4	36	0.2	0.4	0.4	97	0.41	0.045
1066508	Soil		2.6	47.1	9.3	66	<0.1	42.4	23.0	562	3.98	8.6	0.6	3.2	1.7	35	0.2	0.3	0.4	136	0.36	0.054
1066510	Soil		2.4	30.8	8.6	56	<0.1	27.4	13.4	406	3.37	9.1	0.5	7.7	2.7	27	0.2	0.4	0.2	94	0.26	0.033
1066509	Soil		2.6	38.6	7.7	54	<0.1	29.1	15.4	367	3.03	7.6	0.6	3.3	2.4	23	0.1	0.4	0.3	85	0.25	0.042
1066511	Soil		3.7	40.6	7.6	50	<0.1	23.8	15.0	465	3.53	8.2	0.6	5.0	1.8	28	0.2	0.3	0.2	103	0.28	0.047
1066512	Soil		2.8	34.1	9.5	66	0.1	25.7	13.2	336	3.08	6.8	0.7	5.0	2.0	39	0.1	0.4	0.3	80	0.42	0.069
1066513	Soil		2.1	32.5	9.4	61	<0.1	25.0	14.4	340	3.34	10.1	0.8	3.9	2.4	25	0.1	0.4	0.3	91	0.35	0.057
1066514	Soil		2.2	36.4	9.8	59	0.1	27.7	13.7	322	3.00	9.5	0.9	3.3	2.5	30	0.2	0.6	0.3	70	0.32	0.057
1066516	Soil		1.2	27.4	8.2	66	0.1	25.1	12.8	320	2.83	6.3	0.7	3.4	2.2	30	0.1	0.4	0.2	74	0.33	0.053
1066515	Soil		1.4	23.5	7.5	57	<0.1	23.0	10.6	266	2.65	6.4	0.7	3.2	2.2	27	<0.1	0.4	0.2	64	0.29	0.053
1069989	Soil		0.5	69.9	14.4	112	<0.1	47.1	21.4	1402	3.18	22.2	1.1	2.1	6.5	16	<0.1	0.3	0.2	65	0.17	0.043
1197382	Soil		1.3	37.8	55.4	87	0.4	22.2	9.9	286	2.96	101.4	0.8	4.1	3.3	24	0.3	0.4	1.0	76	0.28	0.054
1197377	Soil		0.9	36.9	42.0	79	0.1	28.6	12.4	417	3.17	67.0	0.8	4.0	5.3	36	<0.1	0.5	0.8	79	0.36	0.052
1197375	Soil		1.0	37.7	17.8	74	<0.1	40.5	13.4	419	3.16	24.5	1.1	6.3	4.9	43	0.1	0.4	0.4	85	0.42	0.067
1197381	Soil		1.2	60.6	76.6	107	0.3	23.8	14.4	506	3.46	178.8	0.9	8.7	4.7	40	0.3	0.5	2.1	87	0.45	0.090
1197372	Soil		0.9	27.6	17.3	68	<0.1	45.8	13.2	335	3.42	14.9	0.7	4.0	3.6	59	0.1	0.3	0.4	98	0.36	0.052

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

Project: CHA
Report Date: July 23, 2011

CERTIFICATE OF ANALYSIS WHI11000423.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1066525	Soil		7	26	0.42	163	0.060	<1	2.34	0.009	0.04	1.7	0.03	2.3	0.2	<0.05	8	<0.5	<0.2
1066527	Soil		10	32	0.61	183	0.080	1	1.97	0.011	0.05	0.3	0.03	3.3	0.1	<0.05	6	<0.5	<0.2
1066526	Soil		8	32	0.67	173	0.085	1	2.42	0.012	0.05	0.5	0.03	3.5	0.2	<0.05	8	<0.5	<0.2
1066528	Soil		7	24	0.73	131	0.092	1	2.26	0.011	0.07	0.3	0.02	4.2	0.1	<0.05	9	<0.5	<0.2
1066530	Soil		14	28	0.60	202	0.070	<1	1.79	0.011	0.05	0.2	0.03	3.4	0.1	<0.05	5	<0.5	<0.2
1066531	Soil		10	28	0.60	160	0.074	1	2.09	0.012	0.05	0.3	0.03	3.0	0.1	<0.05	6	0.7	<0.2
1066529	Soil		9	24	0.65	141	0.076	1	1.83	0.014	0.04	0.3	0.03	3.7	<0.1	<0.05	6	0.5	<0.2
1066534	Soil		8	35	0.78	131	0.146	1	2.25	0.032	0.15	0.3	0.04	3.6	0.2	<0.05	6	0.6	<0.2
1066501	Soil		9	25	0.58	116	0.106	1	2.07	0.019	0.07	0.3	0.04	2.9	<0.1	0.06	5	0.7	<0.2
1066502	Soil		11	27	0.75	222	0.138	1	2.06	0.019	0.14	0.2	0.06	5.0	0.1	<0.05	6	0.7	<0.2
1066503	Soil		8	33	0.80	159	0.142	<1	2.09	0.020	0.15	0.2	0.05	4.7	0.2	<0.05	6	0.7	<0.2
1066504	Soil		8	40	0.55	168	0.093	2	2.42	0.019	0.07	0.2	0.07	2.7	0.1	0.06	7	0.5	<0.2
1066505	Soil		9	56	0.75	192	0.133	2	2.58	0.038	0.09	0.3	0.05	3.6	0.2	<0.05	5	<0.5	<0.2
1066506	Soil		3	12	0.25	57	0.056	1	0.67	0.020	0.03	<0.1	0.05	0.8	<0.1	0.08	4	<0.5	<0.2
1066507	Soil		8	60	1.14	136	0.203	1	2.91	0.061	0.22	0.5	0.04	3.9	0.4	0.05	6	1.1	<0.2
1066508	Soil		6	45	1.71	260	0.285	<1	3.19	0.059	0.49	0.3	0.04	6.1	0.4	0.07	10	0.7	<0.2
1066510	Soil		8	35	0.91	168	0.166	2	2.53	0.027	0.16	0.3	0.04	4.2	0.2	<0.05	7	0.7	<0.2
1066509	Soil		8	37	0.85	142	0.154	<1	2.33	0.033	0.16	0.4	0.04	4.0	0.2	<0.05	6	0.6	<0.2
1066511	Soil		6	33	0.94	187	0.180	2	2.44	0.023	0.35	0.4	0.06	5.5	0.2	0.06	7	0.8	<0.2
1066512	Soil		8	33	1.06	264	0.161	1	2.46	0.024	0.25	0.2	0.03	5.1	0.2	0.09	7	0.8	<0.2
1066513	Soil		9	34	1.00	298	0.150	<1	2.32	0.018	0.21	0.2	0.03	5.9	0.2	0.07	7	<0.5	<0.2
1066514	Soil		10	37	0.84	278	0.129	<1	2.44	0.022	0.19	0.2	0.04	4.8	0.2	<0.05	6	0.6	<0.2
1066516	Soil		9	35	0.94	305	0.133	<1	2.25	0.019	0.26	0.1	0.02	5.6	0.2	<0.05	7	<0.5	<0.2
1066515	Soil		9	33	0.82	239	0.121	1	2.15	0.020	0.14	0.2	0.02	4.3	0.2	<0.05	6	<0.5	<0.2
1069989	Soil		24	30	1.90	1602	0.112	2	3.47	0.009	0.80	0.1	<0.01	8.0	0.4	<0.05	12	<0.5	<0.2
1197382	Soil		11	34	0.56	212	0.101	2	2.01	0.011	0.09	0.2	0.02	3.0	0.2	<0.05	7	<0.5	<0.2
1197377	Soil		15	52	0.82	267	0.154	2	2.14	0.013	0.13	0.2	<0.01	4.1	0.2	<0.05	7	<0.5	<0.2
1197375	Soil		17	70	1.09	302	0.208	2	2.25	0.017	0.23	0.2	0.01	4.2	0.3	<0.05	7	<0.5	<0.2
1197381	Soil		14	42	0.88	233	0.155	2	2.15	0.015	0.19	0.3	0.02	4.0	0.3	<0.05	7	<0.5	<0.2
1197372	Soil		12	92	1.08	335	0.196	<1	2.68	0.016	0.34	0.2	0.02	3.9	0.2	<0.05	8	<0.5	<0.2

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Vancouver BC V6C 1H2 Canada

Project: CHA
Report Date: July 23, 2011

CERTIFICATE OF ANALYSIS WHI11000423.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1197376	Soil		1.0	38.5	22.3	76	<0.1	36.9	13.4	399	3.28	32.7	0.9	1.9	4.8	40	<0.1	0.4	0.5	86	0.33	0.060
1197374	Soil		1.0	40.1	32.3	77	0.1	44.3	13.9	390	3.30	41.6	0.8	3.1	4.2	42	<0.1	0.3	0.5	91	0.36	0.056
1197373	Soil		0.8	35.5	19.6	80	<0.1	56.5	17.3	465	3.65	19.9	0.7	2.4	4.8	57	0.2	0.3	0.2	105	0.37	0.053
1197379	Soil		1.1	45.6	48.1	93	0.2	30.8	13.6	480	3.31	91.0	0.9	3.9	4.9	38	0.2	0.4	1.1	84	0.40	0.081
1069990	Soil		0.9	61.3	15.7	87	<0.1	43.4	19.9	789	3.32	10.9	0.6	3.8	5.1	51	<0.1	0.4	0.2	76	0.27	0.038
1069988	Soil		1.5	37.2	21.4	70	<0.1	55.9	18.6	524	3.77	9.4	0.4	2.4	2.9	61	0.1	0.3	0.2	124	0.31	0.037
1069993	Soil		1.1	126.7	12.4	144	0.2	41.1	19.1	810	4.02	8.9	0.4	8.0	2.8	54	0.2	0.4	0.2	104	0.27	0.044
1069996	Soil		1.3	43.6	28.6	67	0.2	22.4	14.2	248	3.30	15.5	0.5	4.1	3.3	24	0.2	0.5	0.2	89	0.23	0.037
1069997	Soil		1.1	76.2	16.6	86	<0.1	34.1	19.8	474	4.03	10.2	0.5	5.0	3.0	41	0.2	0.3	0.1	100	0.38	0.078
1069995	Soil		1.0	86.2	27.0	77	0.2	32.0	15.1	563	3.28	11.4	0.7	5.4	3.9	44	0.1	0.5	0.2	85	0.39	0.039
1069994	Soil		0.8	41.7	21.3	78	<0.1	29.3	12.2	485	2.91	11.2	0.6	3.5	4.3	34	0.2	0.4	0.2	70	0.36	0.073
1197386	Soil		1.3	32.7	22.2	88	0.3	22.5	10.9	271	3.11	15.4	1.1	4.9	2.6	25	0.3	0.4	1.1	77	0.25	0.056
1197385	Soil		1.2	44.9	40.6	92	0.5	23.6	11.4	414	2.78	19.5	0.9	7.6	2.4	36	0.3	0.3	2.1	71	0.38	0.064
1197383	Soil		1.7	76.6	83.9	122	0.6	28.8	14.4	487	3.53	112.7	1.4	4.0	4.3	35	0.4	0.5	1.8	89	0.43	0.081
1197384	Soil		1.7	52.4	57.3	91	0.4	28.2	11.5	366	3.30	81.1	0.9	3.0	3.2	30	0.3	0.5	1.4	80	0.32	0.070
1197380	Soil		0.9	48.8	45.9	91	0.2	27.5	12.7	464	3.27	107.6	1.0	8.9	5.0	35	0.2	0.4	1.3	82	0.45	0.084
1197378	Soil		1.0	40.5	40.3	85	0.2	35.3	14.3	441	3.35	80.9	0.9	38.6	5.4	33	0.2	0.4	0.8	85	0.36	0.068
1069998	Soil		1.2	62.4	14.8	77	<0.1	33.1	14.3	544	3.97	10.8	0.6	2.5	2.1	25	0.2	0.3	0.2	110	0.19	0.053
1069999	Soil		1.3	40.7	35.6	88	0.2	29.1	12.0	395	3.20	13.8	0.5	6.5	3.7	33	0.5	0.5	0.2	84	0.34	0.037
1070000	Soil		0.9	75.5	15.7	96	0.2	34.2	13.4	592	2.78	12.8	2.2	5.3	3.8	52	0.5	0.8	0.2	63	0.95	0.102
1197371	Soil		1.1	48.7	19.7	73	0.2	29.9	12.5	387	2.95	11.0	0.8	3.9	4.4	41	0.2	0.5	0.2	68	0.60	0.090
1069991	Soil		1.0	43.8	9.0	71	<0.1	71.2	19.2	477	3.88	5.6	0.4	0.9	2.3	31	0.1	0.2	0.1	131	0.31	0.037
1069985	Soil		0.7	57.7	30.8	123	<0.1	91.5	27.2	851	5.43	16.0	0.8	8.0	4.7	170	0.1	0.2	0.3	174	0.91	0.094
1069987	Soil		1.3	39.1	52.7	87	<0.1	51.7	18.4	435	3.73	14.2	0.9	1.3	4.9	63	0.1	0.6	0.2	103	0.41	0.052
1069992	Soil		1.0	62.5	8.2	87	<0.1	25.8	21.9	623	4.28	6.7	0.4	6.8	2.6	28	<0.1	0.4	0.1	121	0.34	0.062
1069986	Soil		37.8	32.2	1915	483	7.7	78.4	14.3	240	4.04	10.1	0.4	2.1	2.4	35	0.5	1.9	1.9	138	0.23	0.040
1069680	Soil		3.9	64.1	13.6	155	0.2	45.3	13.6	578	4.69	9.9	1.1	1.2	9.1	8	0.3	0.3	0.3	98	0.07	0.038
1069677	Soil		1.0	34.8	20.2	73	<0.1	35.5	13.7	246	3.55	11.3	0.7	3.5	8.5	16	0.1	0.6	0.2	76	0.16	0.016
1069678	Soil		1.1	27.2	17.7	66	0.2	22.5	7.9	190	3.32	3.4	0.8	1.2	9.6	9	0.2	0.3	0.2	48	0.09	0.029
1069662	Soil		0.7	27.4	24.7	109	<0.1	76.0	21.0	572	4.39	3.7	0.9	2.1	8.6	12	0.1	0.5	0.1	55	0.13	0.019

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1197376	Soil	16	69	0.98	256	0.199	1	2.34	0.015	0.15	0.2	<0.01	4.0	0.2	<0.05	7	<0.5	<0.2
1197374	Soil	15	80	1.11	316	0.210	<1	2.42	0.018	0.23	0.2	0.01	4.4	0.3	<0.05	8	<0.5	<0.2
1197373	Soil	18	102	1.32	447	0.234	2	3.25	0.018	0.44	0.2	0.02	5.4	0.3	<0.05	9	<0.5	<0.2
1197379	Soil	15	55	0.91	244	0.186	1	1.99	0.014	0.21	0.3	<0.01	3.8	0.2	<0.05	7	<0.5	<0.2
1069990	Soil	14	42	0.99	368	0.137	1	2.51	0.011	0.18	0.1	0.02	4.2	0.2	<0.05	7	<0.5	<0.2
1069988	Soil	9	119	1.46	362	0.261	1	3.24	0.016	0.37	0.2	<0.01	5.0	0.3	<0.05	11	<0.5	<0.2
1069993	Soil	9	65	1.34	332	0.174	<1	3.14	0.012	0.15	0.2	0.01	4.4	0.2	<0.05	11	<0.5	<0.2
1069996	Soil	11	35	0.48	229	0.105	1	2.71	0.014	0.11	0.1	0.03	4.2	0.1	<0.05	7	<0.5	<0.2
1069997	Soil	9	32	1.21	411	0.208	1	3.26	0.021	0.20	0.2	0.01	4.4	0.3	<0.05	11	<0.5	<0.2
1069995	Soil	14	41	0.87	403	0.127	1	2.55	0.019	0.10	0.1	0.04	5.8	0.1	<0.05	7	<0.5	<0.2
1069994	Soil	16	38	0.74	310	0.115	2	1.99	0.013	0.10	0.2	0.02	4.3	0.1	<0.05	6	<0.5	<0.2
1197386	Soil	13	37	0.52	276	0.092	1	2.42	0.012	0.11	0.2	0.04	3.7	0.2	<0.05	7	<0.5	<0.2
1197385	Soil	11	42	0.60	248	0.110	1	2.03	0.015	0.13	0.2	0.03	3.6	0.2	<0.05	7	<0.5	<0.2
1197383	Soil	15	43	0.90	261	0.150	1	2.40	0.017	0.19	0.3	0.02	4.2	0.3	<0.05	8	<0.5	<0.2
1197384	Soil	11	45	0.75	194	0.131	1	2.22	0.013	0.16	0.2	0.02	3.6	0.3	<0.05	7	<0.5	<0.2
1197380	Soil	16	44	0.83	235	0.147	<1	1.97	0.014	0.15	0.2	0.02	4.1	0.2	<0.05	7	<0.5	<0.2
1197378	Soil	15	60	0.96	262	0.188	<1	2.43	0.014	0.18	0.2	0.01	4.3	0.2	<0.05	7	<0.5	<0.2
1069998	Soil	6	23	1.53	265	0.225	<1	3.49	0.008	0.11	0.2	0.02	5.1	0.1	<0.05	14	<0.5	<0.2
1069999	Soil	11	37	0.57	278	0.114	1	2.52	0.012	0.07	0.2	0.03	3.6	0.1	<0.05	7	<0.5	<0.2
1070000	Soil	14	32	0.54	404	0.090	3	1.62	0.031	0.06	0.2	0.04	3.9	<0.1	<0.05	4	<0.5	<0.2
1197371	Soil	16	35	0.53	421	0.098	2	1.84	0.022	0.08	0.3	0.05	4.2	<0.1	<0.05	5	<0.5	<0.2
1069991	Soil	7	158	1.78	392	0.273	<1	3.48	0.034	0.45	<0.1	0.02	4.5	0.4	<0.05	11	<0.5	<0.2
1069985	Soil	14	193	2.90	831	0.424	<1	4.50	0.040	1.36	0.2	0.02	12.2	0.6	<0.05	15	<0.5	<0.2
1069987	Soil	18	88	1.27	425	0.189	1	2.81	0.022	0.21	0.1	0.02	6.1	0.2	<0.05	8	<0.5	<0.2
1069992	Soil	9	29	1.35	428	0.151	<1	2.86	0.029	0.20	<0.1	0.02	5.4	0.1	<0.05	9	<0.5	<0.2
1069986	Soil	8	157	1.67	199	0.231	2	3.21	0.016	0.24	0.1	0.02	4.4	0.3	<0.05	12	<0.5	<0.2
1069680	Soil	27	57	0.58	219	0.010	<1	2.74	0.004	0.10	0.2	0.03	6.0	0.3	<0.05	7	0.6	<0.2
1069677	Soil	22	48	0.58	239	0.088	<1	2.86	0.009	0.09	<0.1	0.02	5.1	0.2	<0.05	6	<0.5	<0.2
1069678	Soil	27	25	0.29	177	0.012	<1	1.99	0.008	0.12	<0.1	0.02	2.6	0.2	<0.05	6	<0.5	<0.2
1069662	Soil	16	89	1.65	118	0.179	<1	3.22	0.005	0.88	0.1	<0.01	2.6	0.7	<0.05	8	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
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Project: CHA
Report Date: July 23, 2011

CERTIFICATE OF ANALYSIS WHI11000423.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1069661	Soil		1.1	28.1	13.5	61	0.3	28.3	11.0	296	3.19	10.5	0.9	4.8	8.1	12	0.1	0.5	0.2	67	0.14	0.031
1069665	Soil		1.2	24.6	17.4	60	0.2	32.8	12.2	297	3.63	9.7	0.7	4.1	7.8	10	0.2	0.4	0.2	71	0.09	0.026
1069682	Soil		1.1	63.9	10.9	86	0.1	42.9	11.4	603	3.39	6.9	0.5	10.3	4.4	9	0.1	0.4	0.2	70	0.10	0.027
1069683	Soil		0.4	35.8	6.3	67	<0.1	60.7	31.0	1117	5.44	1.3	0.7	<0.5	3.3	18	<0.1	0.1	<0.1	136	0.46	0.050
1069681	Soil		3.0	55.7	7.0	135	0.2	408.3	36.8	865	4.44	3.6	0.6	3.2	2.9	13	0.3	0.8	<0.1	132	0.20	0.023
1069679	Soil		1.9	63.6	14.0	160	0.1	61.1	16.6	278	4.89	3.9	1.7	2.9	11.8	11	0.2	0.5	0.3	53	0.12	0.068
1069675	Soil		0.4	27.8	26.0	79	<0.1	34.2	13.6	418	3.39	2.7	1.1	1.3	14.3	11	<0.1	0.2	0.2	37	0.10	0.027
1069676	Soil		1.3	21.3	14.6	65	<0.1	26.0	10.2	270	3.35	11.0	0.4	1.3	3.9	9	0.2	0.5	0.2	75	0.08	0.027
1069674	Soil		0.9	50.2	27.5	120	0.2	42.5	13.5	451	4.44	3.5	0.8	<0.5	9.6	9	0.2	0.3	0.1	58	0.09	0.023
1069673	Soil		0.8	26.9	19.2	69	0.1	31.7	12.0	270	3.41	8.6	0.5	2.0	6.8	7	0.3	0.5	0.1	60	0.08	0.022
1069672	Soil		0.7	27.9	16.9	70	<0.1	32.5	12.3	266	3.22	4.6	0.7	<0.5	10.1	12	<0.1	0.3	0.1	42	0.12	0.014
1069670	Soil		0.9	16.8	12.8	67	0.2	18.2	11.0	350	2.93	4.6	0.4	1.2	4.2	8	0.2	0.4	0.2	51	0.08	0.027
1069671	Soil		1.1	20.5	15.2	72	0.5	21.4	16.5	947	3.19	7.4	0.5	4.8	4.5	10	0.2	0.4	0.2	73	0.10	0.032
1069669	Soil		1.3	21.8	17.6	72	0.2	24.9	10.4	313	3.43	6.6	0.5	2.7	4.1	9	0.2	0.4	0.2	69	0.09	0.037
1069667	Soil		1.0	25.6	14.5	71	<0.1	32.8	13.8	292	3.63	9.2	0.7	2.7	5.6	15	0.2	0.5	0.2	72	0.23	0.072
1069668	Soil		1.2	16.8	16.9	78	<0.1	38.4	11.6	283	3.51	8.6	0.5	3.0	4.6	9	0.1	0.5	0.2	78	0.09	0.026
1034186	Soil		0.2	5.7	10.2	72	<0.1	16.1	1.7	76	0.34	0.7	0.7	1.5	1.1	6	<0.1	<0.1	<0.1	10	0.42	0.130
1034196	Soil		1.0	22.9	10.9	63	<0.1	32.8	17.3	309	3.13	11.0	0.5	3.3	3.9	16	0.3	0.5	0.1	60	0.20	0.043
1034192	Soil		0.7	28.7	15.9	85	0.2	32.8	14.6	1011	3.54	5.1	0.8	1.1	4.7	42	0.2	0.3	0.1	52	0.95	0.068
1034190	Soil		0.9	37.0	19.0	99	<0.1	46.9	19.4	444	3.98	5.5	0.8	2.6	8.4	16	0.1	0.3	0.1	58	0.20	0.027
1034169	Soil		1.4	41.7	21.8	101	<0.1	78.9	20.9	529	4.53	5.6	1.0	2.1	8.5	28	0.2	0.2	0.2	76	0.54	0.047
1034172	Soil		1.1	17.1	10.8	49	0.2	21.0	6.4	153	2.16	4.0	0.4	1.5	2.6	24	0.1	0.2	0.1	43	0.51	0.037
1034187	Soil		1.1	7.7	16.4	82	<0.1	19.1	5.1	197	1.65	4.3	0.8	0.8	1.5	10	0.6	0.2	0.1	36	0.25	0.031
1034197	Soil		1.2	18.0	14.6	67	<0.1	23.6	9.3	173	3.72	8.2	0.4	<0.5	4.0	10	0.2	0.5	0.2	88	0.10	0.044
1034188	Soil		1.3	28.3	18.7	82	<0.1	36.0	17.5	363	3.56	8.7	1.0	1.8	7.3	16	0.2	0.4	0.2	62	0.23	0.030
1034189	Soil		1.1	28.5	15.3	100	<0.1	37.4	16.6	493	4.71	5.2	0.6	4.1	6.1	11	<0.1	0.2	<0.1	63	0.14	0.040
1034185	Soil		1.2	19.8	11.0	61	0.3	19.3	10.0	325	2.98	6.5	0.6	4.4	4.1	19	0.1	0.4	0.2	76	0.24	0.029
1034191	Soil		1.1	29.5	13.2	74	<0.1	31.0	13.6	369	3.37	8.6	0.7	6.3	5.2	18	0.1	0.4	0.1	68	0.22	0.041
1034173	Soil		0.7	34.6	16.2	94	<0.1	41.6	16.9	551	3.91	5.3	1.5	3.2	13.9	21	<0.1	0.3	0.1	55	0.43	0.027
1034170	Soil		0.9	28.8	16.2	70	<0.1	31.8	14.8	507	3.48	7.4	0.9	4.0	6.1	24	0.1	0.3	0.2	67	0.33	0.026

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Project: CHA
Report Date: July 23, 2011

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1069661	Soil	15	37	0.60	208	0.062	<1	2.52	0.009	0.08	0.2	0.03	3.6	0.2	<0.05	6	<0.5	<0.2
1069665	Soil	15	41	0.57	121	0.066	1	2.36	0.009	0.14	0.1	0.04	2.8	0.2	<0.05	7	<0.5	<0.2
1069682	Soil	8	40	0.89	225	0.042	<1	2.49	0.006	0.09	0.1	0.02	3.6	0.2	<0.05	7	<0.5	<0.2
1069683	Soil	18	177	2.55	213	0.011	<1	3.86	0.005	0.09	<0.1	0.02	21.2	0.1	<0.05	10	<0.5	<0.2
1069681	Soil	7	606	2.35	291	0.053	<1	3.21	0.003	0.07	<0.1	0.02	6.5	0.6	<0.05	8	<0.5	<0.2
1069679	Soil	28	27	0.22	349	0.002	<1	1.33	0.003	0.09	0.2	0.02	5.0	0.2	<0.05	4	2.3	<0.2
1069675	Soil	48	36	0.80	125	0.033	<1	1.92	0.005	0.20	<0.1	0.01	2.0	0.3	<0.05	6	0.9	<0.2
1069676	Soil	10	32	0.50	181	0.041	<1	2.55	0.007	0.08	0.1	0.02	2.6	0.1	<0.05	7	<0.5	<0.2
1069674	Soil	16	47	1.11	141	0.053	<1	3.02	0.006	0.19	0.1	0.02	2.7	0.2	<0.05	10	<0.5	<0.2
1069673	Soil	15	40	0.70	124	0.060	<1	2.79	0.007	0.11	0.1	0.04	2.9	0.2	<0.05	6	<0.5	<0.2
1069672	Soil	33	36	0.81	131	0.022	<1	2.31	0.006	0.12	<0.1	0.01	2.7	0.2	<0.05	6	<0.5	<0.2
1069670	Soil	11	26	0.51	118	0.028	<1	1.77	0.011	0.08	0.1	0.02	1.6	0.2	<0.05	7	0.5	<0.2
1069671	Soil	14	31	0.45	161	0.046	<1	2.18	0.008	0.07	0.1	0.03	2.7	0.1	<0.05	8	<0.5	<0.2
1069669	Soil	10	36	0.52	103	0.049	<1	2.40	0.007	0.11	0.1	0.03	2.3	0.2	<0.05	8	<0.5	<0.2
1069667	Soil	22	35	0.63	181	0.073	<1	2.35	0.009	0.10	0.2	0.02	3.2	0.2	<0.05	7	<0.5	<0.2
1069668	Soil	10	96	0.71	131	0.053	<1	2.46	0.008	0.07	0.1	0.03	3.0	0.1	<0.05	9	0.6	<0.2
1034186	Soil	4	9	1.12	23	0.010	<1	0.46	0.003	<0.01	<0.1	0.01	1.2	<0.1	<0.05	1	<0.5	<0.2
1034196	Soil	10	34	0.58	176	0.066	2	2.60	0.011	0.08	0.1	0.02	3.0	<0.1	<0.05	5	<0.5	<0.2
1034192	Soil	16	40	0.78	239	0.081	<1	2.23	0.012	0.11	<0.1	0.04	2.6	0.2	<0.05	6	0.6	<0.2
1034190	Soil	17	45	0.90	127	0.126	<1	2.15	0.007	0.40	<0.1	0.02	2.6	0.3	<0.05	6	<0.5	<0.2
1034169	Soil	17	76	1.45	167	0.124	<1	2.72	0.009	0.34	<0.1	0.02	4.7	0.4	<0.05	9	<0.5	<0.2
1034172	Soil	9	24	0.47	148	0.061	<1	1.22	0.012	0.15	<0.1	0.02	1.5	<0.1	<0.05	6	<0.5	<0.2
1034187	Soil	5	18	0.53	92	0.042	<1	1.36	0.020	0.03	0.2	0.02	1.3	0.1	<0.05	4	0.7	<0.2
1034197	Soil	10	39	0.37	119	0.106	<1	2.22	0.006	0.11	0.2	0.02	2.0	0.2	<0.05	9	<0.5	<0.2
1034188	Soil	15	40	0.75	188	0.086	2	2.40	0.009	0.14	0.1	0.02	3.2	0.2	<0.05	6	1.3	<0.2
1034189	Soil	9	47	0.82	103	0.184	<1	2.25	0.006	0.42	0.1	0.01	1.4	0.4	<0.05	8	<0.5	<0.2
1034185	Soil	12	32	0.49	189	0.072	<1	2.13	0.013	0.06	0.1	<0.01	3.0	0.1	<0.05	7	<0.5	<0.2
1034191	Soil	16	40	0.64	209	0.080	<1	2.11	0.009	0.14	0.1	0.03	3.4	0.1	<0.05	7	0.9	<0.2
1034173	Soil	37	46	0.96	197	0.073	<1	2.36	0.009	0.15	<0.1	0.02	3.9	0.1	<0.05	7	<0.5	<0.2
1034170	Soil	17	39	0.64	234	0.044	<1	2.57	0.015	0.08	0.1	0.02	3.6	0.1	<0.05	8	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1034849	Soil	0.8	20.0	11.2	95	0.3	33.2	9.9	541	2.42	5.6	0.9	2.4	1.7	51	0.5	0.2	0.2	36	2.21	0.097
1034168	Soil	1.5	22.4	12.9	69	0.1	29.2	13.0	341	3.53	8.6	0.5	2.2	5.1	16	0.1	0.4	0.2	72	0.22	0.024
1034174	Soil	1.0	23.5	14.3	73	<0.1	31.9	12.2	294	3.44	6.1	0.6	2.1	6.0	15	0.1	0.3	0.1	59	0.20	0.023
1034848	Soil	1.0	22.3	15.1	56	<0.1	20.0	8.0	232	3.61	6.5	0.4	4.1	4.0	10	<0.1	0.4	0.2	69	0.14	0.045
1034850	Soil	1.4	31.1	12.8	78	<0.1	31.0	12.6	487	3.38	6.3	0.8	<0.5	4.9	25	0.2	0.3	0.2	63	0.34	0.025
1034847	Soil	0.5	40.7	12.5	70	0.3	31.2	11.9	522	2.65	8.5	1.5	7.1	1.8	36	0.2	0.6	0.1	53	1.29	0.075
1034200	Soil	1.2	20.0	12.2	72	0.2	33.3	12.1	660	2.50	4.0	0.7	0.8	3.8	20	0.7	0.3	0.2	46	0.41	0.051
1034199	Soil	1.2	12.8	10.5	42	<0.1	15.9	7.0	176	3.09	6.5	0.4	<0.5	3.0	10	<0.1	0.5	0.1	73	0.10	0.023
1034171	Soil	0.9	44.5	14.2	132	0.2	70.0	24.4	617	5.60	5.3	1.7	<0.5	14.2	34	<0.1	0.2	<0.1	77	0.87	0.198
1034193	Soil	0.6	25.8	16.4	82	0.2	30.5	13.9	942	3.70	5.4	0.9	<0.5	5.8	44	0.2	0.3	0.1	50	0.90	0.062
1034198	Soil	1.2	14.9	14.6	50	<0.1	20.8	8.0	256	4.01	6.9	0.4	0.8	4.3	8	0.2	0.3	0.2	72	0.08	0.040
1034194	Soil	0.9	12.4	11.3	22	<0.1	5.2	2.2	84	1.45	3.7	0.4	<0.5	0.2	9	<0.1	0.3	0.2	40	0.07	0.030
1034195	Soil	0.3	35.6	20.1	91	<0.1	33.5	14.1	282	3.39	7.6	0.7	<0.5	12.0	21	0.1	0.2	0.1	35	0.15	0.021
1034178	Soil	0.7	32.9	11.9	62	<0.1	27.8	9.8	293	2.77	5.3	1.1	<0.5	7.1	27	<0.1	0.4	<0.1	57	0.36	0.046
1034180	Soil	0.9	38.4	13.0	67	0.1	32.4	11.8	369	3.46	9.2	1.6	2.0	7.5	34	<0.1	0.4	0.2	69	0.47	0.045
1034184	Soil	0.8	28.3	12.3	66	<0.1	30.0	12.3	265	3.27	5.5	0.9	<0.5	8.4	21	<0.1	0.4	<0.1	58	0.23	0.018
1034179	Soil	0.9	56.2	14.0	82	0.1	47.9	13.0	337	3.95	8.0	1.6	1.6	9.2	36	<0.1	0.5	0.1	71	0.56	0.068
1034177	Soil	0.8	21.5	12.0	55	<0.1	26.0	10.2	276	2.78	5.4	0.8	<0.5	6.0	21	<0.1	0.4	0.1	59	0.24	0.021
1034176	Soil	0.8	25.4	13.8	65	<0.1	28.7	11.0	280	3.28	5.0	0.8	<0.5	7.7	16	<0.1	0.4	<0.1	54	0.18	0.016
1034175	Soil	0.9	18.6	13.1	63	<0.1	24.3	10.9	273	3.40	7.5	0.6	4.8	6.0	20	<0.1	0.5	0.1	67	0.21	0.022
1067051	Soil	2.1	33.2	107.0	99	0.5	19.9	10.0	444	3.23	92.1	1.1	2.0	3.3	46	0.3	0.6	0.9	84	0.36	0.079
1067053	Soil	1.3	35.6	161.8	86	0.8	22.4	11.6	438	3.21	107.1	1.2	9.8	3.3	36	0.3	0.6	0.8	80	0.38	0.062
1067059	Soil	1.4	25.0	10.4	46	0.2	14.2	7.1	194	2.18	6.2	0.8	<0.5	1.8	28	0.1	0.3	0.2	51	0.27	0.056
1067054	Soil	1.2	41.6	62.5	69	0.3	21.5	10.8	430	2.89	34.1	1.1	2.9	3.6	40	0.2	0.5	0.3	73	0.46	0.061
1067058	Soil	1.4	28.9	11.0	58	<0.1	20.4	11.1	326	2.92	8.3	0.8	1.8	3.3	36	0.1	0.5	0.2	65	0.41	0.066
1067056	Soil	1.0	43.5	15.4	69	<0.1	37.9	15.3	469	3.77	7.6	0.9	<0.5	5.9	79	0.2	0.3	0.2	87	0.51	0.075
1067061	Soil	3.2	47.8	17.0	59	0.1	20.6	9.3	208	3.60	11.5	1.1	5.5	4.1	22	0.1	0.5	0.3	84	0.18	0.025
1067065	Soil	1.4	43.1	19.4	67	0.1	25.0	14.1	412	3.94	28.4	1.0	<0.5	4.2	62	0.2	0.5	0.3	87	0.46	0.046
1067057	Soil	1.2	32.6	12.3	65	0.1	25.5	11.9	411	3.43	9.0	1.0	<0.5	4.6	40	0.2	0.4	0.2	77	0.42	0.076
1067060	Soil	1.4	38.0	11.8	58	0.1	18.3	11.1	307	3.44	8.4	0.7	4.8	3.1	45	0.2	0.4	0.2	78	0.58	0.075

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

Project: CHA
Report Date: July 23, 2011

CERTIFICATE OF ANALYSIS WHI11000423.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1034849	Soil	14	26	0.66	164	0.034	1	1.44	0.013	0.07	0.2	0.07	2.0	0.1	<0.05	4	1.4	<0.2
1034168	Soil	10	36	0.53	146	0.064	<1	2.30	0.009	0.09	0.1	0.02	2.4	0.1	<0.05	7	<0.5	<0.2
1034174	Soil	12	50	0.77	146	0.068	<1	2.03	0.008	0.09	0.1	0.02	2.5	<0.1	<0.05	7	0.7	<0.2
1034848	Soil	8	29	0.59	78	0.105	<1	1.90	0.004	0.18	0.1	0.03	1.3	0.2	<0.05	8	0.8	<0.2
1034850	Soil	8	48	0.91	173	0.096	1	2.01	0.011	0.20	0.1	0.02	2.1	<0.1	<0.05	7	<0.5	<0.2
1034847	Soil	14	33	0.76	330	0.053	2	1.73	0.024	0.06	<0.1	0.10	3.1	<0.1	<0.05	5	0.8	<0.2
1034200	Soil	13	28	0.82	135	0.072	1	1.89	0.018	0.07	0.2	0.04	2.6	<0.1	<0.05	5	0.5	<0.2
1034199	Soil	8	26	0.31	98	0.077	<1	1.54	0.010	0.07	0.1	0.02	1.7	<0.1	<0.05	8	<0.5	<0.2
1034171	Soil	31	82	1.58	208	0.144	<1	2.99	0.010	0.65	<0.1	0.04	3.9	0.3	<0.05	10	<0.5	<0.2
1034193	Soil	17	42	0.83	222	0.091	2	2.29	0.014	0.11	<0.1	0.04	2.7	0.1	<0.05	6	<0.5	<0.2
1034198	Soil	9	35	0.45	77	0.115	<1	1.88	0.009	0.09	0.1	0.04	1.5	<0.1	<0.05	9	<0.5	<0.2
1034194	Soil	8	16	0.12	64	0.033	<1	0.85	0.010	0.04	<0.1	0.05	0.7	<0.1	<0.05	6	<0.5	<0.2
1034195	Soil	36	39	0.71	141	0.009	<1	2.30	0.006	0.12	<0.1	0.02	1.7	<0.1	<0.05	5	<0.5	<0.2
1034178	Soil	22	38	0.67	193	0.086	<1	1.60	0.017	0.08	0.1	0.03	3.5	<0.1	<0.05	5	<0.5	<0.2
1034180	Soil	21	48	0.73	313	0.099	<1	2.48	0.019	0.07	0.2	0.06	5.7	<0.1	<0.05	7	<0.5	<0.2
1034184	Soil	29	44	0.81	165	0.082	<1	1.96	0.012	0.06	<0.1	0.03	3.4	<0.1	<0.05	6	<0.5	<0.2
1034179	Soil	25	58	0.89	327	0.110	<1	2.63	0.018	0.11	0.4	0.07	5.2	<0.1	<0.05	8	<0.5	<0.2
1034177	Soil	20	42	0.65	167	0.090	<1	1.87	0.012	0.06	<0.1	0.03	2.9	<0.1	<0.05	6	<0.5	<0.2
1034176	Soil	19	43	0.82	130	0.080	<1	1.94	0.009	0.06	<0.1	0.02	2.7	<0.1	<0.05	6	0.7	<0.2
1034175	Soil	13	41	0.64	195	0.060	<1	2.36	0.013	0.10	<0.1	0.02	3.0	<0.1	<0.05	6	<0.5	<0.2
1067051	Soil	8	41	0.93	287	0.182	<1	1.89	0.016	0.26	0.2	0.04	4.7	0.2	<0.05	7	<0.5	<0.2
1067053	Soil	10	40	0.76	273	0.131	1	2.10	0.015	0.14	0.5	0.03	4.3	0.1	<0.05	7	<0.5	<0.2
1067059	Soil	10	26	0.39	184	0.070	<1	1.58	0.017	0.07	0.2	0.07	3.0	<0.1	<0.05	6	0.6	<0.2
1067054	Soil	12	35	0.73	219	0.141	<1	1.82	0.015	0.13	0.4	0.03	3.7	<0.1	<0.05	7	<0.5	<0.2
1067058	Soil	13	30	0.58	217	0.090	<1	1.89	0.016	0.09	0.2	0.05	3.5	<0.1	<0.05	7	<0.5	<0.2
1067056	Soil	15	57	0.99	226	0.191	<1	2.48	0.020	0.23	0.1	0.01	4.0	0.1	<0.05	9	<0.5	<0.2
1067061	Soil	17	35	0.50	192	0.102	1	2.69	0.014	0.08	0.2	0.05	6.2	<0.1	<0.05	10	<0.5	<0.2
1067065	Soil	13	51	0.96	276	0.163	<1	2.75	0.021	0.19	0.2	0.04	5.2	0.2	<0.05	9	<0.5	<0.2
1067057	Soil	15	39	0.76	269	0.118	2	2.23	0.017	0.11	0.1	0.03	4.2	<0.1	0.05	8	0.7	<0.2
1067060	Soil	13	27	0.50	213	0.100	1	1.58	0.020	0.07	0.2	0.07	4.6	<0.1	<0.05	6	0.5	<0.2

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Project: CHA
Report Date: July 23, 2011

CERTIFICATE OF ANALYSIS WHI11000423.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1067052	Soil	1.6	28.8	131.3	81	0.6	22.7	16.0	619	3.68	30.8	0.9	<0.5	4.2	54	0.2	0.5	1.2	92	0.46	0.077
1067055	Soil	1.5	27.6	36.3	69	0.2	19.7	10.5	338	2.85	11.3	0.9	<0.5	3.8	47	0.1	0.4	0.4	71	0.44	0.079
1067062	Soil	1.6	42.4	13.8	57	0.3	24.2	11.1	309	3.31	9.4	0.7	2.9	2.0	52	0.2	0.6	0.3	72	0.61	0.068
1067063	Soil	1.3	47.6	12.8	63	0.2	21.0	12.9	342	3.64	9.2	0.8	3.5	3.0	40	0.2	0.4	0.5	84	0.42	0.057
1067064	Soil	1.6	41.9	14.9	63	0.2	22.2	12.4	316	3.69	11.2	1.0	3.3	3.1	42	0.2	0.4	0.2	77	0.37	0.051
1067073	Soil	0.6	38.6	15.8	87	<0.1	88.3	20.3	645	4.03	6.6	0.9	<0.5	6.3	59	<0.1	0.2	<0.1	85	0.54	0.067
1067066	Soil	2.0	58.1	15.1	87	0.2	17.6	11.4	357	3.73	15.2	1.1	2.0	4.7	105	0.2	0.3	0.5	62	0.51	0.057
1067070	Soil	0.8	30.3	11.5	69	0.2	27.0	10.9	303	3.36	10.8	1.0	<0.5	4.1	54	<0.1	0.5	0.4	80	0.49	0.051
1067071	Soil	0.9	30.6	11.2	64	0.1	27.5	12.3	321	3.35	10.3	1.1	<0.5	4.1	49	0.1	0.5	0.4	75	0.47	0.050
1067069	Soil	1.3	41.2	13.9	77	0.2	25.2	12.9	361	3.33	13.4	1.4	3.6	4.0	57	<0.1	0.5	0.5	79	0.46	0.055
1067078	Soil	1.0	38.6	15.2	76	0.2	27.2	13.7	485	3.21	8.7	0.8	6.0	3.6	48	0.2	0.5	0.2	72	0.48	0.081
1067077	Soil	1.7	45.2	15.2	96	0.2	42.3	15.4	459	3.51	8.7	1.0	2.8	3.4	49	<0.1	0.5	0.2	84	0.53	0.075
1067075	Soil	1.2	32.9	13.0	68	<0.1	36.3	13.5	375	3.49	12.8	0.6	3.3	3.4	47	0.1	0.5	0.3	91	0.30	0.037
1067068	Soil	1.5	43.3	18.3	84	0.2	27.2	13.6	405	3.71	15.4	1.5	4.4	4.4	68	0.2	0.5	0.5	83	0.50	0.057
1067067	Soil	1.4	66.1	14.2	111	0.1	22.2	13.8	449	4.01	15.2	1.1	1.2	4.6	110	0.3	0.4	0.4	89	0.62	0.063

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Project: CHA
Report Date: July 23, 2011

CERTIFICATE OF ANALYSIS WHI11000423.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1067052	Soil	10	43	0.92	319	0.184	2	2.05	0.016	0.18	0.3	0.03	4.3	0.2	0.08	8	<0.5	<0.2
1067055	Soil	12	33	0.74	213	0.128	<1	1.82	0.017	0.10	0.4	0.04	3.6	<0.1	0.06	7	<0.5	<0.2
1067062	Soil	12	34	0.61	337	0.095	2	2.44	0.024	0.09	0.2	0.06	4.8	<0.1	0.11	7	<0.5	<0.2
1067063	Soil	13	34	0.69	276	0.118	<1	2.10	0.024	0.09	0.2	0.04	5.2	<0.1	0.07	8	<0.5	<0.2
1067064	Soil	12	38	0.72	278	0.117	1	2.55	0.017	0.13	0.2	0.06	4.9	<0.1	<0.05	9	0.8	<0.2
1067073	Soil	15	141	2.03	307	0.208	<1	2.93	0.029	0.55	0.1	0.03	3.9	0.3	<0.05	12	<0.5	<0.2
1067066	Soil	14	34	0.94	309	0.132	<1	2.69	0.030	0.35	0.1	0.04	5.2	0.4	0.16	9	0.6	<0.2
1067070	Soil	14	55	0.93	341	0.155	1	2.47	0.026	0.19	0.2	0.04	5.1	0.2	<0.05	8	<0.5	<0.2
1067071	Soil	14	51	0.87	345	0.136	<1	2.40	0.024	0.11	0.2	0.05	4.9	0.2	<0.05	8	<0.5	<0.2
1067069	Soil	13	54	0.96	328	0.159	<1	2.64	0.020	0.20	0.1	0.02	5.3	0.4	<0.05	9	<0.5	<0.2
1067078	Soil	14	41	0.82	334	0.124	2	2.15	0.024	0.14	0.2	0.02	4.2	0.1	<0.05	7	<0.5	<0.2
1067077	Soil	14	69	1.08	397	0.161	2	2.55	0.033	0.26	0.2	0.03	5.5	0.2	<0.05	8	0.7	<0.2
1067075	Soil	11	65	1.00	231	0.148	<1	2.80	0.016	0.13	0.1	<0.01	4.3	0.2	<0.05	9	<0.5	<0.2
1067068	Soil	15	57	1.04	375	0.170	1	2.84	0.025	0.23	0.2	0.03	6.1	0.5	<0.05	8	<0.5	<0.2
1067067	Soil	13	46	1.28	335	0.208	1	2.99	0.031	0.48	0.2	<0.01	6.5	0.4	<0.05	10	<0.5	<0.2

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Project: CHA
Report Date: July 23, 2011

QUALITY CONTROL REPORT WHI11000423.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1069666	Soil	0.9	25.3	39.7	100	<0.1	37.8	18.7	438	4.44	10.1	0.8	2.4	8.6	13	0.2	0.6	0.2	66	0.13	0.043
REP 1069666	QC	1.0	25.1	41.4	99	<0.1	37.9	18.9	433	4.53	10.2	0.8	3.0	9.2	13	0.2	0.6	0.2	68	0.14	0.041
1066956	Soil	1.2	25.2	13.6	53	<0.1	20.5	9.5	255	3.14	18.8	0.6	1.7	3.6	48	0.1	0.3	0.5	75	0.26	0.027
REP 1066956	QC	1.1	24.1	13.2	50	<0.1	20.4	9.3	251	3.13	18.1	0.6	1.0	3.6	46	<0.1	0.3	0.4	75	0.24	0.028
1067131	Soil	0.7	55.7	7.8	47	0.2	35.1	10.8	234	2.66	10.6	0.3	2.0	1.7	12	0.1	0.5	0.1	67	0.13	0.034
REP 1067131	QC	0.8	52.8	8.4	46	0.2	33.9	10.8	244	2.77	11.0	0.3	1.2	1.7	12	0.1	0.5	0.1	69	0.13	0.032
1067134	Soil	0.9	17.2	11.1	52	<0.1	16.9	7.4	229	2.82	5.7	0.4	<0.5	3.6	12	<0.1	0.4	0.2	62	0.15	0.036
REP 1067134	QC	1.0	17.7	11.1	52	<0.1	16.7	7.6	242	3.09	5.4	0.4	2.9	3.6	13	<0.1	0.4	0.1	58	0.15	0.038
1067109	Soil	0.5	55.5	11.9	53	<0.1	16.6	9.8	358	3.24	6.9	0.4	4.3	0.6	125	0.2	0.5	0.2	72	0.40	0.040
REP 1067109	QC	0.5	53.8	11.4	51	<0.1	15.9	9.8	366	3.19	6.9	0.4	2.4	0.5	124	0.3	0.5	0.2	71	0.40	0.040
1067106	Soil	0.8	53.5	11.1	63	0.1	57.8	18.0	401	2.99	14.0	0.5	1.2	2.4	35	<0.1	0.4	0.3	65	0.27	0.042
REP 1067106	QC	0.7	57.5	12.7	64	0.1	58.8	18.0	400	3.06	14.3	0.5	1.9	2.5	36	<0.1	0.4	0.3	66	0.27	0.042
1069810	Soil	0.5	13.6	7.1	47	<0.1	367.6	29.5	403	2.56	6.4	0.5	1.4	2.5	18	0.1	0.4	0.1	40	0.17	0.016
REP 1069810	QC	0.6	14.0	6.8	48	<0.1	391.9	31.3	395	2.49	6.8	0.5	2.1	2.6	18	0.1	0.4	0.1	45	0.18	0.017
1066520	Soil	0.9	43.2	5.6	61	<0.1	15.1	11.9	373	3.54	4.3	0.4	2.7	1.8	58	0.1	0.3	0.2	113	0.47	0.066
REP 1066520	QC	1.0	42.5	6.0	62	<0.1	15.6	11.2	340	3.33	4.4	0.4	2.0	1.8	60	0.1	0.3	0.2	109	0.47	0.066
1066528	Soil	1.3	57.8	12.0	58	0.2	14.5	13.3	439	3.77	11.3	0.3	1.7	1.7	40	0.2	0.6	0.4	97	0.42	0.086
REP 1066528	QC	1.2	57.3	11.9	59	0.2	14.5	13.3	442	3.68	11.4	0.3	5.4	1.6	40	0.2	0.5	0.2	91	0.41	0.086
1197382	Soil	1.3	37.8	55.4	87	0.4	22.2	9.9	286	2.96	101.4	0.8	4.1	3.3	24	0.3	0.4	1.0	76	0.28	0.054
REP 1197382	QC	1.1	38.6	57.1	88	0.4	21.7	10.0	291	3.03	106.2	0.8	2.7	3.4	25	0.3	0.5	1.1	76	0.28	0.053
1197385	Soil	1.2	44.9	40.6	92	0.5	23.6	11.4	414	2.78	19.5	0.9	7.6	2.4	36	0.3	0.3	2.1	71	0.38	0.064
REP 1197385	QC	1.2	46.0	39.6	88	0.4	23.3	11.6	415	2.84	18.9	0.9	1.5	2.3	36	0.2	0.4	1.7	72	0.39	0.067
1069681	Soil	3.0	55.7	7.0	135	0.2	408.3	36.8	865	4.44	3.6	0.6	3.2	2.9	13	0.3	0.8	<0.1	132	0.20	0.023
REP 1069681	QC	3.0	57.6	7.2	138	0.2	425.9	39.3	888	4.53	4.0	0.6	3.2	3.1	14	0.2	0.8	0.1	135	0.21	0.022
1034849	Soil	0.8	20.0	11.2	95	0.3	33.2	9.9	541	2.42	5.6	0.9	2.4	1.7	51	0.5	0.2	0.2	36	2.21	0.097
REP 1034849	QC	1.0	19.5	10.8	92	0.2	33.1	10.0	546	2.50	5.0	1.0	2.1	1.9	50	0.6	0.2	0.2	35	2.18	0.098
1034178	Soil	0.7	32.9	11.9	62	<0.1	27.8	9.8	293	2.77	5.3	1.1	<0.5	7.1	27	<0.1	0.4	<0.1	57	0.36	0.046
REP 1034178	QC	0.8	33.3	12.0	64	<0.1	28.8	10.2	302	2.90	5.5	1.1	<0.5	7.3	28	<0.1	0.4	0.1	57	0.38	0.046

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

Project: CHA
Report Date: July 23, 2011

QUALITY CONTROL REPORT WHI11000423.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1069666	Soil	21	41	0.69	118	0.104	<1	2.31	0.008	0.20	0.1	0.03	2.8	0.2	<0.05	8	<0.5	<0.2
REP 1069666	QC	21	41	0.68	116	0.105	1	2.32	0.009	0.21	0.1	0.02	2.8	0.3	<0.05	8	<0.5	<0.2
1066956	Soil	9	45	0.89	155	0.119	<1	2.63	0.014	0.13	0.1	0.02	3.8	0.3	<0.05	9	<0.5	<0.2
REP 1066956	QC	9	44	0.84	155	0.123	<1	2.59	0.013	0.12	0.1	0.02	3.9	0.3	<0.05	9	<0.5	<0.2
1067131	Soil	7	61	0.62	136	0.071	<1	2.10	0.009	0.05	0.1	0.03	2.5	0.1	<0.05	6	0.5	<0.2
REP 1067131	QC	6	62	0.63	131	0.070	<1	2.07	0.010	0.05	<0.1	0.03	2.4	<0.1	<0.05	6	<0.5	<0.2
1067134	Soil	8	25	0.33	127	0.064	<1	1.66	0.011	0.07	<0.1	0.01	1.6	<0.1	<0.05	7	<0.5	<0.2
REP 1067134	QC	8	26	0.35	126	0.061	<1	1.73	0.012	0.07	<0.1	<0.01	1.6	0.1	<0.05	6	<0.5	<0.2
1067109	Soil	8	26	0.67	197	0.042	<1	2.51	0.013	0.06	<0.1	0.03	3.0	0.1	<0.05	7	0.5	<0.2
REP 1067109	QC	9	26	0.71	196	0.044	<1	2.45	0.014	0.05	<0.1	0.03	3.0	0.2	<0.05	6	0.8	<0.2
1067106	Soil	8	64	0.89	191	0.094	1	2.51	0.013	0.10	0.1	0.02	2.5	0.3	<0.05	6	<0.5	<0.2
REP 1067106	QC	9	63	0.88	197	0.102	1	2.50	0.013	0.11	0.1	0.01	2.9	0.3	<0.05	6	<0.5	<0.2
1069810	Soil	9	99	1.43	196	0.056	1	1.24	0.012	0.03	0.2	0.02	2.9	<0.1	<0.05	4	<0.5	<0.2
REP 1069810	QC	9	102	1.41	194	0.058	2	1.28	0.012	0.03	0.2	0.02	3.1	<0.1	<0.05	4	<0.5	<0.2
1066520	Soil	7	24	1.49	359	0.162	<1	2.82	0.058	0.49	0.1	0.02	6.6	0.4	<0.05	8	<0.5	<0.2
REP 1066520	QC	8	22	1.49	354	0.161	<1	2.79	0.061	0.47	0.1	0.02	6.6	0.4	<0.05	8	<0.5	<0.2
1066528	Soil	7	24	0.73	131	0.092	1	2.26	0.011	0.07	0.3	0.02	4.2	0.1	<0.05	9	<0.5	<0.2
REP 1066528	QC	7	24	0.76	136	0.092	1	2.36	0.012	0.08	0.4	0.02	4.3	0.1	<0.05	8	<0.5	<0.2
1197382	Soil	11	34	0.56	212	0.101	2	2.01	0.011	0.09	0.2	0.02	3.0	0.2	<0.05	7	<0.5	<0.2
REP 1197382	QC	12	34	0.57	217	0.106	2	2.04	0.010	0.09	0.3	0.02	3.2	0.2	<0.05	7	<0.5	<0.2
1197385	Soil	11	42	0.60	248	0.110	1	2.03	0.015	0.13	0.2	0.03	3.6	0.2	<0.05	7	<0.5	<0.2
REP 1197385	QC	11	42	0.59	251	0.114	1	2.06	0.014	0.13	0.2	0.03	3.6	0.2	<0.05	7	<0.5	<0.2
1069681	Soil	7	606	2.35	291	0.053	<1	3.21	0.003	0.07	<0.1	0.02	6.5	0.6	<0.05	8	<0.5	<0.2
REP 1069681	QC	8	616	2.37	290	0.055	<1	3.31	0.003	0.07	<0.1	0.03	6.5	0.6	<0.05	9	<0.5	<0.2
1034849	Soil	14	26	0.66	164	0.034	1	1.44	0.013	0.07	0.2	0.07	2.0	0.1	<0.05	4	1.4	<0.2
REP 1034849	QC	14	26	0.66	162	0.033	2	1.43	0.015	0.07	0.2	0.05	2.1	<0.1	0.06	4	1.6	<0.2
1034178	Soil	22	38	0.67	193	0.086	<1	1.60	0.017	0.08	0.1	0.03	3.5	<0.1	<0.05	5	<0.5	<0.2
REP 1034178	QC	23	39	0.69	202	0.094	<1	1.68	0.020	0.08	0.1	0.03	3.7	<0.1	<0.05	6	<0.5	<0.2

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Project: CHA
Report Date: July 23, 2011

QUALITY CONTROL REPORT WHI11000423.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1067062	Soil	1.6	42.4	13.8	57	0.3	24.2	11.1	309	3.31	9.4	0.7	2.9	2.0	52	0.2	0.6	0.3	72	0.61	0.068
REP 1067062	QC	1.7	44.0	14.1	58	0.3	23.8	11.2	311	3.27	9.8	0.8	2.4	2.0	53	0.2	0.5	0.3	73	0.62	0.072
1067069	Soil	1.3	41.2	13.9	77	0.2	25.2	12.9	361	3.33	13.4	1.4	3.6	4.0	57	<0.1	0.5	0.5	79	0.46	0.055
REP 1067069	QC	1.2	40.4	14.5	77	0.2	25.2	12.8	348	3.40	13.8	1.4	3.5	4.1	56	0.1	0.4	0.4	78	0.44	0.054
Reference Materials																					
STD DS8	Standard	13.1	115.4	123.5	303	1.8	38.1	7.7	610	2.43	26.1	3.0	104.0	7.2	68	2.2	5.7	6.9	43	0.70	0.081
STD DS8	Standard	14.2	113.7	125.7	313	1.8	38.5	7.8	607	2.44	26.9	2.9	106.9	7.2	71	2.3	5.8	7.1	43	0.68	0.080
STD DS8	Standard	12.9	115.6	124.3	328	2.0	39.2	7.6	622	2.49	26.6	2.4	104.3	6.3	62	2.1	4.8	5.6	44	0.69	0.087
STD DS8	Standard	15.0	122.7	128.5	350	1.8	41.4	8.2	651	2.59	27.0	2.7	110.5	7.1	65	2.4	4.7	5.7	45	0.72	0.085
STD DS8	Standard	13.1	108.3	126.8	326	1.9	38.7	7.5	597	2.45	26.1	2.8	111.2	6.9	72	2.3	5.9	6.8	43	0.73	0.080
STD DS8	Standard	13.2	108.6	121.0	332	1.8	38.4	7.5	633	2.57	26.3	2.7	112.5	6.9	73	2.6	5.9	6.5	42	0.69	0.081
STD DS8	Standard	14.9	122.0	136.4	351	2.0	40.4	8.7	691	2.67	30.0	1.9	117.3	6.3	72	2.4	6.1	6.9	45	0.75	0.092
STD DS8	Standard	13.4	114.1	131.1	337	2.0	40.1	7.9	636	2.55	28.3	2.9	113.5	7.1	71	2.7	5.9	6.5	44	0.71	0.087
STD DS8	Standard	13.3	111.6	122.2	330	1.9	38.1	7.3	620	2.40	25.9	2.7	120.1	6.6	70	2.6	6.2	6.4	42	0.70	0.077
STD DS8	Standard	12.9	110.7	120.4	330	1.9	38.6	7.5	609	2.54	27.1	2.6	112.1	6.7	72	2.7	6.1	6.3	41	0.73	0.083
STD DS8	Standard	13.9	111.8	130.8	321	1.9	38.2	7.8	633	2.55	26.7	2.7	105.5	6.9	64	2.1	5.2	5.9	45	0.71	0.079
STD DS8	Standard	14.0	111.4	127.9	317	1.7	38.5	7.6	644	2.75	28.2	2.8	114.7	7.1	72	2.3	5.9	6.4	43	0.75	0.084
STD DS8	Standard	13.3	108.8	119.8	311	1.9	36.3	7.7	612	2.56	28.9	2.6	121.3	6.4	61	2.5	5.4	6.5	42	0.70	0.087
STD DS8	Standard	13.2	108.1	123.4	319	1.8	36.9	7.6	610	2.54	28.2	2.7	122.1	6.5	64	2.2	5.6	6.7	42	0.71	0.087
STD DS8	Standard	14.1	121.2	137.0	339	2.0	42.7	8.2	642	2.55	27.3	2.5	125.3	7.0	56	2.4	5.2	6.2	45	0.69	0.087
STD DS8	Standard	14.5	120.0	138.9	351	2.2	41.9	8.6	701	2.75	30.0	2.6	116.6	7.4	65	2.6	5.4	6.4	51	0.79	0.091
STD DS8	Standard	13.2	113.0	128.3	327	1.7	39.0	7.6	620	2.46	25.9	2.8	114.7	6.8	71	2.4	5.5	6.6	42	0.66	0.080
STD DS8	Standard	12.7	105.7	116.2	325	1.7	38.6	7.7	639	2.49	26.3	2.6	115.1	6.4	70	2.4	5.5	6.3	43	0.70	0.079
STD DS8	Standard	12.5	104.3	133.1	303	1.7	36.6	7.5	620	2.41	24.8	2.6	107.4	6.4	70	2.2	5.7	6.7	40	0.66	0.072
STD DS8	Standard	12.7	102.6	133.4	304	1.7	36.3	7.2	609	2.49	25.1	2.7	114.2	7.0	79	2.1	5.4	6.5	41	0.70	0.072
STD DS8	Standard	13.3	114.3	123.2	298	1.8	39.8	7.9	593	2.38	25.0	2.6	122.6	6.7	59	2.1	4.8	5.9	43	0.65	0.073
STD DS8	Standard	14.0	114.1	130.1	301	1.8	39.5	7.7	617	2.42	25.4	2.7	108.4	7.1	63	2.4	5.0	6.3	43	0.68	0.075
STD DS8	Standard	12.5	101.7	115.7	305	1.8	35.4	7.1	543	2.39	25.6	2.5	108.2	5.8	57	2.1	5.7	5.9	36	0.65	0.080
STD DS8	Standard	13.8	102.6	117.2	309	1.9	36.6	7.5	566	2.43	26.7	2.5	106.0	6.2	63	2.2	5.8	6.3	38	0.67	0.081

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Project: CHA
Report Date: July 23, 2011

QUALITY CONTROL REPORT WHI11000423.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1067062	Soil	12	34	0.61	337	0.095	2	2.44	0.024	0.09	0.2	0.06	4.8	<0.1	0.11	7	<0.5	<0.2
REP 1067062	QC	13	35	0.64	343	0.099	2	2.47	0.025	0.09	0.2	0.05	5.1	<0.1	0.11	8	1.1	<0.2
1067069	Soil	13	54	0.96	328	0.159	<1	2.64	0.020	0.20	0.1	0.02	5.3	0.4	<0.05	9	<0.5	<0.2
REP 1067069	QC	13	53	0.95	328	0.158	1	2.54	0.020	0.21	0.3	0.02	5.3	0.4	<0.05	8	0.6	<0.2
Reference Materials																		
STD DS8	Standard	15	116	0.61	280	0.120	3	0.93	0.095	0.42	2.8	0.23	2.3	5.3	0.14	5	3.8	5.3
STD DS8	Standard	15	113	0.63	279	0.118	2	0.93	0.097	0.42	2.6	0.20	2.2	5.5	0.16	5	5.2	5.2
STD DS8	Standard	14	115	0.62	289	0.095	2	0.96	0.100	0.43	3.3	0.21	2.5	5.2	0.11	5	4.6	4.9
STD DS8	Standard	16	120	0.63	316	0.104	2	1.01	0.109	0.47	3.0	0.22	2.8	5.3	0.13	5	5.7	5.0
STD DS8	Standard	14	121	0.62	282	0.123	3	0.95	0.114	0.45	2.9	0.20	2.4	5.3	0.17	5	4.8	5.0
STD DS8	Standard	16	120	0.62	294	0.124	3	0.96	0.106	0.44	3.1	0.19	2.2	5.2	0.18	5	5.4	5.3
STD DS8	Standard	15	126	0.67	306	0.132	2	1.04	0.099	0.46	3.2	0.22	2.2	5.5	0.17	5	5.3	5.0
STD DS8	Standard	16	116	0.62	301	0.126	2	0.98	0.095	0.43	3.1	0.21	2.2	5.4	0.16	5	5.4	5.1
STD DS8	Standard	14	117	0.65	273	0.115	3	0.91	0.085	0.42	3.1	0.21	1.8	5.7	0.17	5	5.1	5.1
STD DS8	Standard	14	119	0.66	277	0.122	3	0.94	0.091	0.43	3.1	0.20	1.9	5.6	0.11	5	5.5	5.2
STD DS8	Standard	15	123	0.63	282	0.120	3	0.95	0.090	0.43	3.1	0.20	2.2	5.5	0.15	5	5.7	6.0
STD DS8	Standard	17	120	0.64	308	0.128	3	1.00	0.106	0.44	3.1	0.22	2.3	5.4	0.16	5	5.6	5.3
STD DS8	Standard	14	114	0.62	285	0.110	4	0.94	0.087	0.43	3.1	0.22	2.0	5.3	0.17	5	5.1	5.0
STD DS8	Standard	14	113	0.60	292	0.114	3	0.93	0.089	0.42	3.1	0.18	2.0	5.2	0.14	5	5.2	5.2
STD DS8	Standard	15	128	0.52	287	0.122	2	0.94	0.064	0.44	3.1	0.19	1.8	5.3	0.10	5	5.8	4.7
STD DS8	Standard	17	124	0.56	305	0.130	4	1.06	0.099	0.47	3.1	0.23	2.2	5.5	0.14	5	5.3	5.3
STD DS8	Standard	14	113	0.60	280	0.119	3	0.88	0.094	0.39	3.0	0.21	1.8	5.4	0.14	5	6.0	4.9
STD DS8	Standard	14	117	0.62	281	0.120	3	0.95	0.095	0.42	2.8	0.20	2.0	5.0	0.21	4	5.3	4.9
STD DS8	Standard	14	114	0.59	270	0.115	2	0.87	0.082	0.41	3.0	0.22	1.8	5.3	0.18	4	5.4	4.9
STD DS8	Standard	16	115	0.59	268	0.123	2	0.90	0.092	0.42	2.9	0.21	1.9	5.3	0.14	5	6.7	5.2
STD DS8	Standard	14	120	0.60	269	0.114	3	0.87	0.078	0.39	2.7	0.19	2.2	5.3	0.13	5	5.0	4.8
STD DS8	Standard	15	119	0.59	274	0.116	2	0.88	0.081	0.39	2.9	0.20	2.2	5.7	0.11	5	5.0	4.9
STD DS8	Standard	13	111	0.61	257	0.102	2	0.87	0.086	0.43	2.9	0.20	1.8	5.0	0.16	5	5.6	5.0
STD DS8	Standard	14	115	0.58	275	0.112	1	0.86	0.093	0.41	3.2	0.19	2.0	5.2	0.11	5	5.6	5.3

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

Project: CHA
Report Date: July 23, 2011

QUALITY CONTROL REPORT WHI11000423.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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

Project: CHA
Report Date: July 23, 2011

QUALITY CONTROL REPORT WHI11000423.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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1020 Cordova St. East Vancouver BC V6A 4A3 Canada

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

Submitted By: Mike Skead
Receiving Lab: Canada-Whitehorse
Received: June 29, 2011
Report Date: July 23, 2011
Page: 1 of 4

CERTIFICATE OF ANALYSIS WHI11000424.1

CLIENT JOB INFORMATION

Project: CHA
Shipment ID:
P.O. Number
Number of Samples: 67

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	67	Dry at 60C			VAN
SS80	67	Dry at 60C sieve 100g to -80 mesh			VAN
1DX2	67	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Vancouver BC V6C 1H2 Canada

Project: CHA
Report Date: July 23, 2011

CERTIFICATE OF ANALYSIS WHI11000424.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1067074	Soil	0.8	30.9	13.5	63	<0.1	31.5	11.3	347	2.84	9.4	0.7	2.3	4.0	47	0.2	0.4	0.2	72	0.32	0.037
1067076	Soil	0.9	35.3	16.9	74	0.2	48.5	13.6	445	3.23	6.9	0.7	1.9	3.1	101	0.1	0.4	0.2	92	0.44	0.040
1067072	Soil	1.0	40.2	13.8	60	0.2	24.8	10.1	283	2.81	7.8	1.0	4.8	2.7	41	0.1	0.3	0.3	67	0.35	0.044
1067079	Soil	0.7	55.2	22.4	75	0.1	30.8	11.3	404	2.75	5.6	0.6	3.9	2.6	37	0.2	0.3	0.1	68	0.43	0.045
1067080	Soil	0.7	53.6	14.7	79	0.1	36.7	13.8	465	2.98	7.6	0.6	2.6	3.3	43	0.2	0.4	0.2	73	0.32	0.044
1069854	Soil	5.8	78.6	47.5	207	0.4	88.1	21.4	851	4.56	2.5	1.5	1.5	18.0	29	0.9	0.2	0.3	144	0.63	0.094
1069855	Soil	11.4	72.2	25.9	208	0.6	161.1	17.8	653	3.76	19.5	2.4	0.9	16.7	27	1.2	0.2	0.3	118	0.59	0.099
1069853	Soil	0.6	12.2	3.4	93	<0.1	4.2	11.2	619	3.60	2.0	0.3	<0.5	0.8	18	0.2	0.1	<0.1	86	0.38	0.105
1069856	Soil	6.9	44.2	27.2	180	0.4	53.9	16.7	1006	3.98	4.8	2.8	<0.5	20.8	24	0.7	0.3	0.2	85	0.46	0.059
1069857	Soil	17.5	85.1	33.2	200	0.5	101.2	18.5	724	4.75	1.9	7.8	1.4	31.0	18	0.8	0.2	0.5	104	0.27	0.079
1069858	Soil	1.5	26.4	22.2	65	0.1	29.4	9.8	271	2.72	11.5	1.4	2.1	14.6	17	0.1	0.5	0.3	58	0.15	0.021
1069859	Soil	0.3	3.5	26.8	60	<0.1	3.3	3.5	471	1.95	1.3	1.7	0.6	17.5	18	<0.1	<0.1	0.2	11	0.18	0.030
1069860	Soil	0.8	37.6	15.0	111	0.2	32.9	28.0	741	4.78	3.6	1.8	2.7	9.1	40	<0.1	0.2	0.2	99	0.86	0.095
1069861	Soil	1.1	33.9	12.4	62	<0.1	35.6	14.1	291	3.20	7.9	3.8	2.1	20.7	26	<0.1	0.4	0.3	68	0.31	0.040
1069862	Soil	2.6	11.8	15.5	53	<0.1	14.6	9.0	398	2.99	6.3	2.3	1.9	15.8	17	0.1	0.4	0.5	67	0.18	0.023
1069871	Soil	1.3	8.5	8.3	45	<0.1	13.6	7.3	374	2.22	4.0	1.0	0.9	9.0	24	<0.1	0.4	0.2	52	0.25	0.016
1069863	Soil	5.8	11.7	10.4	41	<0.1	13.0	5.9	253	2.07	6.2	3.8	<0.5	22.1	18	0.1	0.4	0.6	35	0.24	0.021
1069865	Soil	1.4	11.0	10.3	71	<0.1	11.8	7.0	304	3.26	5.6	1.4	<0.5	6.3	14	0.2	0.3	0.7	48	0.25	0.085
1069864	Soil	8.7	14.3	23.0	74	<0.1	4.6	2.4	210	3.03	5.5	13.5	1.3	39.2	7	0.1	0.3	1.4	22	0.08	0.019
1069866	Soil	1.9	30.1	13.0	106	<0.1	8.9	6.7	227	3.50	9.1	2.9	<0.5	21.8	8	<0.1	0.2	4.5	28	0.15	0.083
1069868	Soil	2.6	10.7	9.5	45	<0.1	15.2	6.1	202	2.17	4.5	3.1	1.5	18.1	20	<0.1	0.3	0.7	42	0.23	0.025
1069867	Soil	3.3	8.8	9.3	48	<0.1	13.9	6.7	257	2.36	6.2	2.3	0.8	14.2	21	<0.1	0.4	0.7	49	0.21	0.017
1069869	Soil	1.7	13.0	10.8	78	<0.1	16.1	7.9	390	2.58	5.9	2.4	0.9	15.7	24	0.2	0.4	4.2	51	0.28	0.041
1069870	Soil	1.1	11.0	7.7	54	<0.1	13.7	6.2	267	2.24	5.0	2.8	1.2	20.1	19	0.1	0.4	0.3	41	0.20	0.024
1069852	Soil	2.0	69.6	10.3	132	0.2	53.5	14.4	467	3.38	10.5	2.1	2.2	8.3	31	0.3	0.3	0.3	70	0.53	0.081
1069851	Soil	2.6	62.8	9.1	144	0.1	44.5	18.9	782	3.69	6.4	1.4	2.8	6.1	34	0.4	0.4	0.3	76	0.48	0.065
1069873	Soil	2.8	6.1	17.8	42	<0.1	5.1	2.5	92	2.05	4.3	2.4	0.8	25.0	6	<0.1	0.2	0.8	22	0.03	0.015
1069872	Soil	2.4	12.1	22.2	74	<0.1	9.6	6.4	843	1.92	6.3	9.7	2.3	29.5	15	<0.1	0.5	0.3	21	0.14	0.029
1069875	Soil	2.0	8.0	22.6	53	<0.1	6.6	4.0	165	2.15	4.1	4.7	<0.5	16.8	17	<0.1	0.2	0.4	34	0.22	0.016
1069877	Soil	2.2	13.6	16.8	64	<0.1	12.6	5.9	200	2.41	6.3	2.9	1.1	18.4	16	<0.1	0.4	0.4	46	0.13	0.015

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Project: CHA
Report Date: July 23, 2011

CERTIFICATE OF ANALYSIS WHI11000424.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1067074	Soil		10	58	0.93	212	0.117	<1	2.22	0.013	0.15	0.1	0.02	3.9	0.2	<0.05	7	<0.5	<0.2
1067076	Soil		9	96	1.35	349	0.145	<1	2.57	0.016	0.23	<0.1	0.02	5.4	0.1	<0.05	10	<0.5	<0.2
1067072	Soil		10	42	0.71	306	0.115	<1	2.46	0.018	0.14	0.2	0.04	4.6	0.2	<0.05	8	<0.5	<0.2
1067079	Soil		10	45	0.93	369	0.123	<1	1.85	0.019	0.18	0.1	0.03	4.3	0.2	<0.05	7	<0.5	<0.2
1067080	Soil		9	40	0.95	279	0.127	<1	2.16	0.012	0.14	0.1	0.03	3.7	0.2	<0.05	8	<0.5	<0.2
1069854	Soil		39	140	2.79	202	0.060	<1	3.20	0.004	0.15	<0.1	0.01	10.2	0.5	<0.05	12	1.3	<0.2
1069855	Soil		42	139	3.05	275	0.089	<1	2.66	0.006	0.30	0.2	0.02	5.6	1.0	<0.05	10	3.0	<0.2
1069853	Soil		2	6	1.46	298	0.168	<1	1.90	0.008	0.46	<0.1	<0.01	2.8	0.1	<0.05	8	<0.5	<0.2
1069856	Soil		56	57	1.44	278	0.089	<1	2.48	0.009	0.38	0.2	0.02	5.7	0.5	<0.05	8	0.9	<0.2
1069857	Soil		76	89	2.58	312	0.142	<1	2.77	0.012	0.43	0.3	0.02	6.1	0.9	<0.05	10	3.9	<0.2
1069858	Soil		35	42	0.78	132	0.083	<1	1.80	0.010	0.15	0.1	0.02	3.8	0.1	<0.05	5	0.6	<0.2
1069859	Soil		30	4	2.03	46	0.101	<1	2.06	0.007	0.71	<0.1	<0.01	1.1	0.4	<0.05	7	<0.5	<0.2
1069860	Soil		21	75	3.59	554	0.234	<1	3.57	0.028	0.92	<0.1	0.03	4.1	0.5	<0.05	10	<0.5	<0.2
1069861	Soil		63	58	0.86	190	0.109	<1	2.08	0.014	0.12	<0.1	0.02	5.9	0.1	<0.05	6	0.9	<0.2
1069862	Soil		29	27	0.40	171	0.038	<1	1.91	0.009	0.07	0.2	0.01	2.4	0.1	<0.05	8	<0.5	<0.2
1069871	Soil		14	24	0.39	383	0.043	<1	1.37	0.009	0.09	0.2	<0.01	2.0	<0.1	<0.05	5	<0.5	<0.2
1069863	Soil		7	22	0.26	85	0.025	<1	1.18	0.008	0.11	0.2	0.01	1.8	<0.1	<0.05	4	0.7	<0.2
1069865	Soil		7	22	0.47	129	0.025	<1	1.98	0.006	0.12	0.3	<0.01	1.9	0.1	<0.05	10	0.6	<0.2
1069864	Soil		7	8	0.10	80	0.009	<1	0.84	0.004	0.07	0.4	<0.01	2.3	<0.1	<0.05	4	0.8	<0.2
1069866	Soil		24	16	0.49	72	0.033	<1	2.06	0.007	0.27	0.2	<0.01	2.3	0.3	<0.05	10	<0.5	<0.2
1069868	Soil		28	22	0.34	126	0.033	<1	1.09	0.010	0.11	0.1	<0.01	2.0	<0.1	<0.05	4	<0.5	<0.2
1069867	Soil		21	25	0.36	149	0.039	<1	1.36	0.010	0.11	0.3	0.01	2.6	<0.1	<0.05	5	<0.5	<0.2
1069869	Soil		29	27	0.46	209	0.054	<1	1.56	0.009	0.16	0.2	0.01	2.4	0.1	<0.05	5	<0.5	<0.2
1069870	Soil		45	21	0.38	406	0.034	<1	1.27	0.008	0.08	0.2	0.01	2.1	<0.1	<0.05	5	0.6	<0.2
1069852	Soil		21	69	1.09	212	0.123	<1	2.06	0.012	0.11	0.1	0.03	5.3	0.1	<0.05	8	1.2	<0.2
1069851	Soil		15	77	1.25	179	0.091	<1	2.37	0.010	0.08	0.1	0.02	5.9	<0.1	<0.05	6	0.9	<0.2
1069873	Soil		16	10	0.10	90	0.015	<1	0.74	0.006	0.08	0.2	<0.01	1.6	<0.1	<0.05	3	0.6	<0.2
1069872	Soil		98	13	0.20	443	0.009	<1	0.94	0.006	0.12	<0.1	0.02	3.0	<0.1	<0.05	3	0.5	<0.2
1069875	Soil		12	12	0.18	201	0.038	<1	0.92	0.007	0.13	0.2	<0.01	2.3	0.1	<0.05	5	0.6	<0.2
1069877	Soil		15	23	0.30	243	0.049	<1	1.28	0.008	0.09	0.2	<0.01	2.6	<0.1	<0.05	5	<0.5	<0.2

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600 - 666 Burrard St.
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Project: CHA
Report Date: July 23, 2011

CERTIFICATE OF ANALYSIS WHI11000424.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1069874	Soil		2.8	16.8	23.6	68	<0.1	13.2	8.8	286	3.35	7.7	4.8	0.7	23.9	8	<0.1	0.4	0.8	60	0.10	0.024
1069876	Soil		1.7	19.1	15.9	60	<0.1	16.2	7.1	294	2.76	8.2	2.5	0.9	18.3	15	<0.1	0.5	0.3	56	0.11	0.014
1069878	Soil		2.2	13.5	15.0	54	<0.1	15.2	7.0	313	2.48	6.0	2.6	4.8	22.2	25	<0.1	0.4	0.4	52	0.24	0.025
1069879	Soil		1.8	13.2	14.0	61	<0.1	14.1	7.5	313	2.62	5.7	2.1	0.9	18.1	19	<0.1	0.4	0.4	53	0.22	0.038
1069880	Soil		1.7	25.6	16.3	95	<0.1	21.0	8.8	570	4.07	5.7	5.0	1.9	39.7	28	0.1	0.4	0.4	43	0.41	0.130
1069881	Soil		1.2	30.2	12.4	81	<0.1	23.7	8.5	420	3.60	5.6	2.8	3.4	32.2	26	0.1	0.4	1.5	43	0.44	0.132
1069970	Soil		0.9	20.8	15.5	55	<0.1	36.6	12.6	288	2.97	23.9	0.8	2.7	9.4	24	0.1	0.8	0.3	64	0.21	0.016
1069975	Soil		0.7	29.3	10.4	66	<0.1	30.0	12.5	316	2.83	3.4	1.2	2.1	6.6	26	0.1	0.2	0.2	48	0.31	0.039
1069974	Soil		0.9	42.9	16.8	72	0.1	38.6	15.3	461	3.44	8.6	1.4	2.3	7.1	33	<0.1	0.7	0.3	70	0.36	0.031
1069967	Soil		0.6	8.3	5.3	35	<0.1	366.1	33.8	393	3.25	6.9	0.2	1.2	0.9	8	0.1	0.3	0.2	45	0.06	0.019
1069969	Soil		0.8	13.4	10.4	45	0.1	37.1	8.2	221	2.55	5.9	0.6	1.1	5.5	12	0.1	0.4	0.2	68	0.10	0.017
1069968	Soil		0.2	39.0	2.7	24	<0.1	760.4	43.6	618	3.05	5.5	0.1	2.9	0.5	16	<0.1	0.1	<0.1	60	0.44	0.007
1069959	Soil		0.4	14.0	19.8	53	<0.1	8.4	5.6	532	2.09	3.6	1.9	0.8	8.9	12	0.2	0.3	0.3	20	0.12	0.032
1069961	Soil		0.8	17.4	16.0	57	0.1	17.1	6.8	327	2.53	5.4	0.9	1.4	6.7	16	0.2	0.4	0.2	52	0.16	0.017
1069962	Soil		0.6	19.3	11.4	58	0.1	50.5	9.2	237	2.64	7.7	0.5	0.8	5.6	12	0.1	0.5	0.2	44	0.11	0.014
1069952	Soil		1.1	32.7	9.7	41	0.1	73.1	12.5	206	3.16	8.0	0.4	1.4	2.2	10	0.3	0.5	0.2	79	0.10	0.026
1069951	Soil		0.9	34.4	11.5	86	0.4	56.4	14.6	1146	3.58	6.2	0.5	1.6	3.5	25	0.2	0.5	0.2	91	0.29	0.036
1069954	Soil		0.7	40.0	7.6	75	0.1	11.9	8.9	305	3.14	4.5	0.3	0.7	1.4	27	0.1	0.4	0.1	86	0.21	0.031
1069976	Soil		0.8	34.7	27.1	87	<0.1	31.4	13.9	379	3.01	4.0	1.5	0.8	8.7	24	0.2	0.3	0.2	48	0.28	0.043
1069977	Soil		1.2	46.8	33.5	63	0.1	21.0	7.2	192	2.88	2.6	1.7	1.3	7.6	15	0.2	0.2	0.4	41	0.09	0.029
1069964	Soil		0.9	30.3	20.4	66	0.1	24.8	9.0	220	2.61	4.6	1.6	2.2	5.7	24	0.2	0.3	0.2	47	0.24	0.035
1069978	Soil		0.8	36.2	33.1	94	<0.1	32.9	13.5	372	3.18	3.2	1.3	<0.5	8.3	26	0.3	0.2	0.2	38	0.29	0.056
1069984	Soil		1.2	17.3	11.7	50	<0.1	16.6	6.4	204	2.54	7.6	0.6	2.8	3.8	12	0.1	0.4	0.2	66	0.11	0.023
1069979	Soil		0.7	34.7	22.6	103	<0.1	32.2	16.9	495	2.88	4.0	1.4	1.2	8.7	32	0.3	0.3	0.2	44	0.34	0.032
1069980	Soil		1.2	19.5	13.1	59	<0.1	21.4	7.9	240	3.21	9.1	0.6	1.4	4.2	13	0.2	0.4	0.2	75	0.13	0.025
1069971	Soil		0.3	5.3	6.9	15	<0.1	7.1	2.8	95	1.49	8.2	1.1	1.1	13.1	12	<0.1	0.4	0.2	19	0.11	0.021
1069972	Soil		0.5	8.5	7.2	18	<0.1	4.8	2.5	93	1.20	1.7	0.3	0.6	1.3	7	<0.1	0.2	0.1	29	0.05	0.018
1069966	Soil		0.6	19.7	5.5	29	<0.1	644.8	38.6	464	2.51	11.7	0.4	3.4	1.2	14	<0.1	0.3	<0.1	44	0.14	0.014
1069973	Soil		1.0	45.5	24.2	91	0.1	32.3	12.3	290	3.21	6.3	1.8	0.6	11.4	17	0.3	0.3	0.3	55	0.17	0.025
1069963	Soil		0.6	35.6	8.3	29	0.2	73.5	9.4	164	1.84	4.4	0.3	0.8	1.5	19	0.1	0.2	0.2	56	0.19	0.017

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Project: CHA
Report Date: July 23, 2011

CERTIFICATE OF ANALYSIS WHI11000424.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1069874	Soil	14	25	0.43	164	0.080	<1	1.53	0.008	0.25	0.2	<0.01	3.1	0.2	<0.05	6	<0.5	<0.2
1069876	Soil	21	29	0.39	208	0.068	<1	1.60	0.009	0.09	0.2	0.01	3.4	<0.1	<0.05	5	<0.5	<0.2
1069878	Soil	35	27	0.43	340	0.068	<1	1.37	0.011	0.11	0.2	0.02	2.4	<0.1	<0.05	5	<0.5	<0.2
1069879	Soil	30	25	0.47	299	0.068	<1	1.57	0.009	0.09	0.2	0.02	2.3	<0.1	<0.05	6	0.6	<0.2
1069880	Soil	59	25	0.51	384	0.081	<1	1.84	0.013	0.38	0.3	0.03	4.9	0.3	<0.05	8	1.1	<0.2
1069881	Soil	50	25	0.56	215	0.068	1	1.71	0.018	0.20	0.2	0.03	4.3	0.2	<0.05	7	<0.5	<0.2
1069970	Soil	20	43	0.65	278	0.067	<1	2.55	0.011	0.06	<0.1	0.02	3.4	0.1	<0.05	6	<0.5	<0.2
1069975	Soil	23	32	0.71	139	0.111	1	1.70	0.009	0.11	<0.1	0.01	3.0	0.1	<0.05	6	<0.5	<0.2
1069974	Soil	28	54	0.85	318	0.098	1	2.39	0.014	0.07	0.1	0.04	6.3	0.1	<0.05	7	<0.5	<0.2
1069967	Soil	4	241	2.64	55	0.060	1	1.03	0.013	0.03	0.2	0.02	1.7	<0.1	<0.05	4	<0.5	<0.2
1069969	Soil	15	41	0.48	172	0.067	1	2.05	0.011	0.05	0.1	0.01	2.2	0.1	<0.05	7	<0.5	<0.2
1069968	Soil	2	559	5.94	82	0.051	<1	3.42	0.029	0.02	<0.1	<0.01	9.6	0.1	<0.05	4	<0.5	<0.2
1069959	Soil	32	7	0.24	367	0.010	<1	1.31	0.006	0.08	<0.1	0.02	3.2	<0.1	<0.05	3	0.8	<0.2
1069961	Soil	27	26	0.51	253	0.041	<1	1.78	0.008	0.07	<0.1	0.01	3.3	<0.1	<0.05	7	<0.5	<0.2
1069962	Soil	15	38	0.78	145	0.035	<1	2.42	0.007	0.05	<0.1	0.03	3.0	<0.1	<0.05	7	<0.5	<0.2
1069952	Soil	8	101	0.79	112	0.097	<1	2.01	0.008	0.04	0.1	0.02	2.1	<0.1	<0.05	8	<0.5	<0.2
1069951	Soil	13	88	0.95	355	0.095	1	2.58	0.012	0.08	0.1	0.02	4.3	0.2	<0.05	8	<0.5	<0.2
1069954	Soil	6	21	0.86	197	0.149	<1	2.12	0.013	0.06	0.1	<0.01	2.1	0.1	<0.05	8	<0.5	<0.2
1069976	Soil	25	33	0.68	109	0.132	2	1.73	0.010	0.10	<0.1	<0.01	2.9	<0.1	<0.05	5	<0.5	<0.2
1069977	Soil	20	22	0.46	77	0.088	<1	1.48	0.007	0.12	<0.1	0.01	1.8	0.1	<0.05	6	0.7	<0.2
1069964	Soil	21	31	0.61	125	0.097	<1	1.82	0.015	0.08	<0.1	0.01	2.8	<0.1	<0.05	5	<0.5	<0.2
1069978	Soil	19	33	0.71	80	0.130	<1	1.80	0.006	0.17	<0.1	0.01	2.5	0.2	<0.05	6	<0.5	<0.2
1069984	Soil	11	26	0.34	86	0.120	<1	1.46	0.009	0.08	<0.1	0.02	2.0	0.1	<0.05	7	<0.5	<0.2
1069979	Soil	21	38	0.67	121	0.125	<1	1.98	0.008	0.09	<0.1	0.02	3.0	<0.1	<0.05	6	0.6	<0.2
1069980	Soil	11	32	0.43	101	0.120	<1	1.80	0.011	0.09	<0.1	0.01	2.3	0.1	<0.05	8	<0.5	<0.2
1069971	Soil	52	11	0.32	233	0.003	<1	1.60	0.006	0.08	<0.1	0.01	2.6	0.1	<0.05	4	<0.5	<0.2
1069972	Soil	5	10	0.15	44	0.050	<1	0.68	0.016	0.04	<0.1	<0.01	0.8	<0.1	<0.05	4	<0.5	<0.2
1069966	Soil	6	309	3.09	84	0.048	1	1.39	0.012	0.02	<0.1	0.02	3.1	<0.1	<0.05	4	<0.5	<0.2
1069973	Soil	32	34	0.75	147	0.093	<1	2.30	0.008	0.09	<0.1	0.02	3.1	0.1	<0.05	7	0.7	<0.2
1069963	Soil	7	96	1.03	124	0.087	<1	1.63	0.008	0.04	<0.1	0.01	2.7	0.1	<0.05	7	<0.5	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1069965	Soil	1.3	86.0	20.3	95	0.3	48.3	13.0	334	3.21	3.0	1.1	1.0	11.1	12	0.1	0.3	0.3	51	0.12	0.028
1069960	Soil	0.6	14.7	13.9	39	<0.1	5.7	3.3	138	1.63	2.5	0.9	1.0	0.8	12	0.2	0.2	0.2	28	0.10	0.027
1069958	Soil	1.2	10.8	21.4	56	<0.1	8.7	6.1	378	2.15	4.0	1.5	0.8	11.6	12	0.2	0.2	0.3	28	0.09	0.023
1069957	Soil	0.4	10.6	12.7	54	<0.1	6.0	3.8	131	1.72	2.5	0.7	0.6	4.3	14	0.2	0.2	0.1	20	0.12	0.012
1069956	Soil	0.7	18.7	11.2	75	<0.1	16.6	10.4	326	3.19	5.7	0.5	0.7	3.6	13	0.2	0.4	0.2	51	0.13	0.034
1069953	Soil	0.8	28.2	7.7	59	<0.1	29.1	12.4	294	3.20	6.2	0.4	1.0	2.6	16	0.1	0.4	0.1	63	0.17	0.032
1069955	Soil	0.8	16.6	11.3	53	0.2	14.1	7.4	212	2.62	6.2	0.4	1.8	1.7	14	0.3	0.3	0.2	53	0.15	0.035

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1069965	Soil	18	40	0.70	124	0.025	<1	2.15	0.005	0.06	<0.1	0.01	2.5	0.2	<0.05	6	1.3	<0.2
1069960	Soil	30	11	0.26	204	0.010	<1	1.30	0.012	0.07	<0.1	0.01	1.3	<0.1	<0.05	6	<0.5	<0.2
1069958	Soil	35	15	0.29	238	0.016	<1	1.41	0.005	0.10	<0.1	0.01	3.3	0.1	<0.05	4	<0.5	<0.2
1069957	Soil	10	9	0.29	170	0.008	<1	1.60	0.004	0.09	<0.1	<0.01	1.8	0.2	<0.05	5	<0.5	<0.2
1069956	Soil	10	37	0.69	218	0.056	<1	2.52	0.008	0.11	<0.1	0.01	3.9	0.1	<0.05	8	<0.5	<0.2
1069953	Soil	8	39	0.99	175	0.136	1	2.44	0.013	0.16	<0.1	0.02	2.1	0.2	<0.05	6	<0.5	<0.2
1069955	Soil	8	26	0.49	241	0.096	1	1.77	0.013	0.10	0.1	0.02	2.1	0.1	<0.05	7	<0.5	<0.2

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Acme Analytical Laboratories (Vancouver) Ltd.
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Phone (604) 253-3158 Fax (604) 253-1716
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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: CHA
Report Date: July 23, 2011

QUALITY CONTROL REPORT WHI11000424.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1069861	Soil	1.1	33.9	12.4	62	<0.1	35.6	14.1	291	3.20	7.9	3.8	2.1	20.7	26	<0.1	0.4	0.3	68	0.31	0.040
REP 1069861	QC	1.0	35.3	12.7	66	<0.1	38.5	14.3	297	3.36	8.4	3.8	1.9	20.5	26	<0.1	0.4	0.3	71	0.33	0.041
1069867	Soil	3.3	8.8	9.3	48	<0.1	13.9	6.7	257	2.36	6.2	2.3	0.8	14.2	21	<0.1	0.4	0.7	49	0.21	0.017
REP 1069867	QC	3.3	9.1	9.5	48	<0.1	14.5	6.8	263	2.50	6.0	2.3	<0.5	14.6	21	<0.1	0.4	0.7	52	0.22	0.017
1069972	Soil	0.5	8.5	7.2	18	<0.1	4.8	2.5	93	1.20	1.7	0.3	0.6	1.3	7	<0.1	0.2	0.1	29	0.05	0.018
REP 1069972	QC	0.5	8.8	8.0	19	<0.1	5.0	2.8	99	1.26	1.6	0.4	0.9	1.5	7	<0.1	0.2	0.1	30	0.06	0.020
Reference Materials																					
STD DS8	Standard	13.7	117.2	125.6	326	1.8	39.4	8.1	632	2.53	27.7	2.9	113.2	7.3	66	2.4	6.1	7.1	44	0.68	0.078
STD DS8	Standard	13.4	117.0	126.3	332	1.8	39.3	8.0	586	2.47	27.8	3.1	114.9	7.6	66	2.3	6.0	7.1	44	0.67	0.083
STD DS8	Standard	14.9	122.0	136.4	351	2.0	40.4	8.7	691	2.67	30.0	1.9	117.3	6.3	72	2.4	6.1	6.9	45	0.75	0.092
STD DS8	Standard	13.4	114.1	131.1	337	2.0	40.1	7.9	636	2.55	28.3	2.9	113.5	7.1	71	2.7	5.9	6.5	44	0.71	0.087
STD DS8	Standard	13.5	114.5	119.9	307	1.8	39.5	7.8	611	2.43	26.0	2.8	104.6	7.2	69	2.3	5.9	6.6	43	0.72	0.080
STD DS8	Standard	14.3	117.7	125.4	330	1.8	40.6	8.3	644	2.53	27.1	2.9	109.8	7.5	73	2.5	6.0	6.5	46	0.72	0.082
STD DS8	Standard	13.7	112.2	120.7	324	1.8	39.4	7.9	596	2.39	25.1	2.6	112.1	6.6	63	2.1	4.9	6.8	42	0.66	0.077
STD DS8	Standard	13.4	115.2	122.3	316	1.8	40.7	7.9	626	2.57	25.9	2.6	111.9	6.8	65	2.5	5.0	6.9	44	0.71	0.078
STD DS8	Standard	12.5	104.3	133.1	303	1.7	36.6	7.5	620	2.41	24.8	2.6	107.4	6.4	70	2.2	5.7	6.7	40	0.66	0.072
STD DS8	Standard	12.7	102.6	133.4	304	1.7	36.3	7.2	609	2.49	25.1	2.7	114.2	7.0	79	2.1	5.4	6.5	41	0.70	0.072
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	0.5	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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

Project: CHA
Report Date: July 23, 2011

QUALITY CONTROL REPORT WHI11000424.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1069861	Soil	63	58	0.86	190	0.109	<1	2.08	0.014	0.12	<0.1	0.02	5.9	0.1	<0.05	6	0.9	<0.2
REP 1069861	QC	64	60	0.87	187	0.114	<1	2.04	0.013	0.12	0.1	0.02	6.1	0.1	<0.05	7	<0.5	<0.2
1069867	Soil	21	25	0.36	149	0.039	<1	1.36	0.010	0.11	0.3	0.01	2.6	<0.1	<0.05	5	<0.5	<0.2
REP 1069867	QC	21	26	0.36	158	0.043	<1	1.39	0.010	0.12	0.3	0.01	2.8	<0.1	<0.05	5	<0.5	<0.2
1069972	Soil	5	10	0.15	44	0.050	<1	0.68	0.016	0.04	<0.1	<0.01	0.8	<0.1	<0.05	4	<0.5	<0.2
REP 1069972	QC	5	11	0.16	45	0.049	<1	0.73	0.016	0.04	<0.1	0.01	0.9	<0.1	<0.05	4	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	15	123	0.65	282	0.117	3	0.91	0.085	0.44	3.2	0.21	2.1	5.6	0.16	5	5.1	5.1
STD DS8	Standard	14	119	0.65	274	0.116	2	0.96	0.088	0.41	3.1	0.21	2.1	5.5	0.17	5	5.1	5.2
STD DS8	Standard	15	126	0.67	306	0.132	2	1.04	0.099	0.46	3.2	0.22	2.2	5.5	0.17	5	5.3	5.0
STD DS8	Standard	16	116	0.62	301	0.126	2	0.98	0.095	0.43	3.1	0.21	2.2	5.4	0.16	5	5.4	5.1
STD DS8	Standard	17	119	0.62	291	0.136	3	0.93	0.091	0.42	3.0	0.18	2.2	5.2	0.16	5	5.6	5.0
STD DS8	Standard	18	125	0.64	298	0.144	2	0.95	0.093	0.42	3.2	0.21	2.3	5.3	0.17	5	5.9	4.9
STD DS8	Standard	14	120	0.59	268	0.112	2	0.88	0.082	0.41	2.9	0.19	2.1	5.6	0.16	5	5.7	4.8
STD DS8	Standard	14	127	0.62	289	0.115	3	0.92	0.087	0.43	2.9	0.20	2.1	5.4	0.16	5	4.8	5.0
STD DS8	Standard	14	114	0.59	270	0.115	2	0.87	0.082	0.41	3.0	0.22	1.8	5.3	0.18	4	5.4	4.9
STD DS8	Standard	16	115	0.59	268	0.123	2	0.90	0.092	0.42	2.9	0.21	1.9	5.3	0.14	5	6.7	5.2
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

Submitted By: Mike Skead
Receiving Lab: Canada-Whitehorse
Received: June 29, 2011
Report Date: July 31, 2011
Page: 1 of 6

CERTIFICATE OF ANALYSIS WHI11000428.1

CLIENT JOB INFORMATION

Project: CHA
Shipment ID:
P.O. Number
Number of Samples: 150

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	150	Dry at 60C			VAN
SS80	150	Dry at 60C sieve 100g to -80 mesh			VAN
1DX2	149	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Project: CHA
Report Date: July 31, 2011

CERTIFICATE OF ANALYSIS WHI11000428.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1039932	Soil	0.6	14.4	16.5	62	0.2	14.0	6.8	193	2.03	6.6	0.8	2.7	1.9	22	0.2	0.5	0.4	43	0.33	0.052
1039930	Soil	1.1	23.7	14.7	54	0.2	19.8	8.0	249	2.67	8.5	0.6	4.0	2.7	18	0.1	0.6	0.3	72	0.29	0.039
1039921	Soil	1.5	33.5	11.0	54	0.3	17.5	6.5	286	2.23	19.2	1.2	2.3	0.4	26	0.2	0.7	0.3	55	0.28	0.081
1039918	Soil	2.4	18.5	14.2	51	0.1	15.9	7.5	290	3.05	16.9	0.6	2.3	2.2	21	0.3	0.9	0.3	79	0.24	0.047
1039906	Soil	1.4	23.7	18.2	55	<0.1	22.0	15.9	300	3.41	17.6	0.6	11.3	2.0	109	0.2	0.9	0.6	86	0.14	0.058
1039926	Soil	1.7	25.6	16.8	60	0.7	15.8	8.5	508	2.76	19.2	1.2	7.0	1.1	18	0.1	0.6	0.6	64	0.18	0.079
1039928	Soil	0.6	19.3	12.8	57	0.1	15.8	8.9	420	2.31	8.6	0.6	4.3	1.9	17	0.2	0.5	0.2	54	0.23	0.048
1039931	Soil	1.3	35.3	14.8	48	0.4	15.4	7.3	292	3.09	11.5	0.9	4.2	1.2	22	0.2	0.7	0.4	74	0.46	0.041
1039924	Soil	1.4	29.7	15.6	57	0.3	18.1	7.2	218	2.53	14.0	0.9	4.8	1.3	17	<0.1	0.6	0.5	62	0.18	0.039
1039923	Soil	1.0	26.0	11.9	49	0.3	15.7	6.4	233	2.29	12.8	0.8	2.1	0.6	19	0.1	0.6	0.6	56	0.18	0.045
1039903	Soil	1.7	17.7	15.9	58	0.2	13.9	13.4	988	2.95	16.4	0.5	2.4	0.2	32	0.4	0.8	0.4	80	0.24	0.113
1039907	Soil	1.1	23.3	9.4	48	0.3	21.9	11.7	282	2.92	14.5	0.7	5.7	0.9	25	0.3	0.7	0.5	65	0.17	0.076
1039929	Soil	1.4	116.9	51.2	86	0.2	15.2	24.9	527	5.11	11.8	0.5	8.0	2.5	38	0.5	0.5	0.6	117	0.75	0.090
1039904	Soil	2.3	45.2	64.6	79	0.8	22.6	21.5	1034	3.81	40.5	0.9	18.2	0.7	77	0.6	2.4	1.4	86	0.45	0.115
1039927	Soil	0.8	12.8	16.9	53	0.2	13.7	6.0	197	2.47	9.1	0.6	3.9	2.1	18	0.2	0.5	0.2	54	0.23	0.048
1039919	Soil	1.2	13.1	7.6	34	<0.1	10.6	5.9	208	2.09	7.6	0.5	1.4	0.7	11	0.4	0.4	0.1	47	0.10	0.038
1039922	Soil	1.1	69.4	11.9	52	0.7	18.6	5.6	206	2.20	13.8	1.3	2.0	0.4	23	0.2	0.7	0.6	53	0.22	0.057
1039914	Soil	1.5	18.0	13.6	54	<0.1	21.0	9.8	319	3.01	12.6	0.6	4.4	2.7	16	0.2	0.6	0.3	71	0.15	0.035
1039920	Soil	2.0	32.8	16.1	60	0.3	20.0	7.8	346	2.60	16.3	1.2	2.3	0.9	25	0.2	0.8	0.3	60	0.26	0.075
1039916	Soil	1.6	38.3	20.0	57	0.2	21.0	12.6	458	3.27	21.5	1.0	6.4	1.8	88	<0.1	1.0	0.4	84	0.78	0.131
1039908	Soil	1.7	28.1	12.1	45	0.4	12.6	7.2	308	2.58	13.8	0.8	7.5	0.3	37	0.3	1.0	0.9	69	0.30	0.150
1039910	Soil	2.0	21.9	13.7	51	0.3	12.2	9.1	1037	2.45	20.6	0.6	4.9	0.5	41	3.0	1.9	0.8	66	0.26	0.101
1039902	Soil	5.0	84.5	212.9	110	1.4	24.9	19.3	674	4.46	47.1	2.9	95.7	2.0	64	0.5	8.8	4.2	90	0.34	0.171
1039901	Soil	0.5	8.2	7.1	37	<0.1	5.1	4.3	161	1.93	4.2	0.3	0.5	0.5	11	<0.1	0.2	0.1	47	0.10	0.039
1039917	Soil	2.6	15.2	14.4	44	0.3	12.0	7.9	417	2.56	22.2	0.5	1.0	1.3	28	0.3	0.6	0.4	76	0.33	0.054
1039912	Soil	1.2	17.8	14.2	64	0.2	18.6	8.9	396	3.25	24.0	0.5	4.2	0.7	27	0.3	0.6	0.4	81	0.26	0.065
1039905	Soil	1.3	17.6	12.2	48	0.2	17.6	8.5	247	2.73	9.9	0.7	<0.5	0.7	18	<0.1	0.6	0.2	63	0.14	0.055
1039913	Soil	1.8	29.8	24.8	44	0.3	18.4	10.5	603	2.97	31.1	0.7	9.7	0.2	48	0.4	0.9	0.9	71	0.28	0.145
1039911	Soil	1.8	23.2	13.9	61	0.2	16.5	10.6	586	3.00	20.1	0.6	5.5	1.0	22	0.5	0.6	0.5	81	0.20	0.057
1039909	Soil	0.9	12.6	21.9	70	0.1	14.9	9.6	628	4.70	35.3	0.4	3.2	1.2	18	0.2	0.9	0.4	111	0.20	0.076

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Project: CHA
Report Date: July 31, 2011

CERTIFICATE OF ANALYSIS WHI11000428.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1039932	Soil	10	24	0.41	247	0.028	1	1.44	0.008	0.06	0.2	0.04	2.5	0.1	0.10	5	<0.5	<0.2
1039930	Soil	9	33	0.88	305	0.056	1	1.84	0.006	0.11	0.2	0.03	3.4	0.1	<0.05	6	<0.5	<0.2
1039921	Soil	10	24	0.36	325	0.020	1	1.62	0.008	0.06	0.2	0.04	1.9	0.1	0.08	5	<0.5	<0.2
1039918	Soil	8	25	0.45	177	0.049	<1	1.56	0.006	0.11	0.2	0.04	2.4	<0.1	<0.05	7	<0.5	<0.2
1039906	Soil	8	34	0.61	170	0.054	2	3.02	0.011	0.04	0.4	0.06	3.3	0.1	<0.05	6	<0.5	0.2
1039926	Soil	9	27	0.40	316	0.020	2	1.96	0.008	0.07	0.1	0.11	3.0	0.2	<0.05	6	<0.5	<0.2
1039928	Soil	9	24	0.59	205	0.053	1	1.44	0.006	0.07	0.1	0.03	2.6	<0.1	<0.05	5	<0.5	<0.2
1039931	Soil	16	28	0.36	371	0.031	1	2.23	0.009	0.09	0.1	0.09	5.0	0.2	<0.05	8	<0.5	<0.2
1039924	Soil	10	29	0.47	278	0.034	<1	1.95	0.007	0.06	0.1	0.04	2.8	0.1	<0.05	6	<0.5	<0.2
1039923	Soil	8	24	0.39	179	0.034	1	1.59	0.008	0.06	0.2	0.04	2.1	0.1	<0.05	6	<0.5	<0.2
1039903	Soil	5	24	0.36	491	0.043	1	1.54	0.010	0.06	0.1	0.13	1.4	0.1	0.11	7	<0.5	<0.2
1039907	Soil	8	30	0.58	180	0.046	1	2.13	0.012	0.05	0.8	0.07	2.7	0.1	0.08	5	0.6	0.2
1039929	Soil	7	40	2.01	383	0.116	<1	3.04	0.022	0.65	<0.1	0.02	7.0	0.4	<0.05	10	1.7	0.3
1039904	Soil	9	31	0.77	437	0.038	2	2.31	0.020	0.12	0.8	0.09	3.7	0.2	0.17	6	0.8	0.3
1039927	Soil	9	24	0.62	217	0.030	<1	1.81	0.007	0.06	0.1	0.04	2.9	<0.1	<0.05	6	<0.5	<0.2
1039919	Soil	7	19	0.26	101	0.042	<1	1.46	0.010	0.04	0.1	0.04	1.7	<0.1	<0.05	5	<0.5	<0.2
1039922	Soil	10	24	0.39	274	0.027	<1	1.74	0.009	0.07	0.1	0.05	2.2	0.1	<0.05	6	<0.5	<0.2
1039914	Soil	9	28	0.54	206	0.057	1	2.19	0.009	0.04	0.2	0.03	2.9	0.1	<0.05	6	<0.5	<0.2
1039920	Soil	9	27	0.45	260	0.029	1	1.74	0.010	0.06	0.2	0.05	2.5	0.1	<0.05	6	<0.5	<0.2
1039916	Soil	11	33	1.19	327	0.032	1	2.43	0.017	0.09	0.1	0.05	5.6	0.1	0.08	7	0.7	<0.2
1039908	Soil	7	25	0.36	191	0.026	<1	1.38	0.014	0.07	0.6	0.09	2.1	0.2	0.19	5	<0.5	<0.2
1039910	Soil	8	22	0.24	406	0.037	<1	1.26	0.012	0.05	0.5	0.06	2.0	0.2	0.11	5	<0.5	<0.2
1039902	Soil	12	31	0.70	910	0.056	2	1.89	0.013	0.14	0.3	0.08	4.9	0.2	0.17	6	0.6	0.5
1039901	Soil	4	11	0.23	59	0.057	<1	1.11	0.015	0.02	<0.1	0.04	0.9	<0.1	<0.05	5	<0.5	<0.2
1039917	Soil	8	20	0.29	226	0.062	<1	1.12	0.006	0.11	0.2	0.04	1.8	<0.1	0.06	7	<0.5	<0.2
1039912	Soil	8	30	0.45	298	0.053	1	2.07	0.009	0.04	0.2	0.05	2.2	0.1	0.06	7	<0.5	<0.2
1039905	Soil	8	26	0.37	278	0.042	<1	2.11	0.008	0.04	0.2	0.07	2.0	<0.1	<0.05	6	<0.5	<0.2
1039913	Soil	7	20	0.40	378	0.031	1	1.59	0.015	0.08	0.3	0.09	1.5	0.1	0.17	6	<0.5	0.4
1039911	Soil	8	29	0.43	287	0.045	<1	1.90	0.009	0.05	0.2	0.05	2.7	0.1	<0.05	7	<0.5	<0.2
1039909	Soil	12	26	0.91	126	0.015	<1	2.24	0.008	0.07	0.4	0.04	5.8	0.2	<0.05	7	<0.5	<0.2

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Project: CHA
Report Date: July 31, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1038760	Soil		1.3	9.5	15.2	60	<0.1	13.2	24.4	1450	2.36	15.7	0.6	2.4	1.6	18	0.1	1.1	0.3	51	0.21	0.067
1038761	Soil		0.8	14.5	17.3	61	0.1	13.6	7.4	464	2.00	12.1	0.6	3.2	1.4	21	0.3	1.4	0.4	40	0.23	0.053
1038759	Soil		2.0	14.4	11.9	39	0.3	11.1	8.5	487	2.42	22.6	1.0	4.3	0.6	26	0.2	1.8	0.3	57	0.24	0.091
1038765	Soil		0.7	16.2	12.4	52	0.1	17.4	7.7	282	2.31	10.1	0.6	2.2	1.8	14	0.2	0.8	0.2	48	0.15	0.046
1193850	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1038763	Soil		0.8	11.6	13.3	68	0.1	11.0	6.0	573	2.95	11.1	0.4	5.0	0.4	32	0.3	0.7	0.5	64	0.29	0.070
1038769	Soil		0.6	20.8	28.7	57	0.2	13.9	5.6	232	2.11	8.6	0.7	<0.5	1.1	20	0.2	0.5	0.4	50	0.22	0.042
1038770	Soil		0.6	17.8	9.0	59	<0.1	16.9	8.4	314	2.22	7.8	0.6	2.3	3.0	17	0.2	0.6	0.2	46	0.20	0.050
1038767	Soil		0.3	6.7	4.7	16	0.1	2.2	1.4	57	0.79	1.7	0.2	<0.5	<0.1	7	0.1	<0.1	0.2	24	0.05	0.026
1038768	Soil		0.7	21.9	11.9	49	0.2	14.6	6.5	218	2.20	10.9	0.8	<0.5	0.5	23	<0.1	0.6	0.3	46	0.22	0.054
1039915	Soil		1.9	34.7	31.4	75	0.3	20.3	8.5	356	3.77	41.5	0.9	1.6	1.7	40	0.6	1.4	0.9	69	0.28	0.075
1039925	Soil		1.3	20.6	11.0	54	0.4	14.4	6.2	236	2.08	13.6	0.8	<0.5	0.5	20	0.1	0.7	0.4	51	0.17	0.046
1038762	Soil		0.6	9.9	22.2	45	0.1	9.1	3.7	242	1.70	11.1	0.4	0.8	0.8	31	0.2	0.9	0.4	40	0.29	0.040
1038766	Soil		0.7	15.1	14.8	59	<0.1	17.0	9.2	409	2.79	13.1	0.5	<0.5	1.8	18	0.3	0.7	0.5	60	0.20	0.042
1038764	Soil		0.9	24.4	19.7	55	0.3	14.8	10.0	503	2.65	14.7	1.2	3.3	1.1	35	0.3	0.9	0.4	53	0.31	0.084
1038755	Soil		2.1	25.2	11.1	59	<0.1	21.0	12.9	586	3.83	32.5	1.0	9.3	1.3	41	0.1	2.0	0.2	76	0.40	0.118
1038775	Soil		1.8	16.3	16.6	47	0.4	11.3	12.2	988	2.46	8.3	1.1	1.1	0.8	19	<0.1	0.4	0.3	60	0.24	0.092
1038772	Soil		1.2	20.7	15.2	57	0.3	12.8	8.5	400	2.32	10.8	0.9	1.2	0.5	15	0.2	0.4	0.3	54	0.16	0.055
1038773	Soil		0.5	7.6	3.6	11	<0.1	2.2	1.1	44	0.58	1.0	0.2	<0.5	<0.1	6	<0.1	0.1	0.1	19	0.05	0.020
1038774	Soil		0.9	14.0	10.6	50	0.1	12.0	7.7	270	1.87	6.1	0.7	<0.5	0.7	18	0.1	0.4	0.4	41	0.19	0.060
1038757	Soil		2.1	24.5	13.5	61	0.3	17.2	9.2	481	3.99	145.5	0.9	11.3	0.9	23	0.3	6.6	0.5	55	0.15	0.105
1034828	Soil		0.6	18.5	15.0	54	0.1	17.0	24.9	1141	4.96	16.3	0.7	6.6	1.9	152	0.3	0.5	0.2	109	0.78	0.173
1038754	Soil		1.1	28.9	10.2	62	0.1	23.4	15.8	589	4.44	28.9	1.0	15.1	2.7	41	0.2	1.4	0.3	85	0.48	0.168
1038783	Soil		2.6	28.9	13.8	45	0.2	17.2	18.8	601	3.53	48.1	1.0	8.6	0.6	71	<0.1	0.9	0.2	68	0.68	0.116
1038756	Soil		1.9	34.6	10.0	48	0.2	17.8	8.9	356	4.10	144.7	1.1	8.3	2.5	34	0.1	7.3	0.3	50	0.20	0.077
1038751	Soil		0.5	5.5	10.9	49	<0.1	8.4	18.3	953	5.93	15.8	0.3	2.2	1.5	64	0.1	0.9	<0.1	120	1.07	0.174
1038752	Soil		2.1	45.5	11.7	35	0.1	10.5	14.8	395	6.67	20.2	0.5	2.6	0.5	223	0.2	0.9	0.2	132	0.35	0.177
1038758	Soil		1.9	21.3	9.5	38	0.1	10.9	6.6	284	3.72	38.1	1.1	5.1	2.5	29	<0.1	3.1	0.3	47	0.14	0.071
1034827	Soil		1.5	25.9	13.4	60	<0.1	20.9	27.8	808	4.07	22.2	0.6	16.5	1.0	41	0.4	0.7	0.3	85	0.30	0.090
1038753	Soil		5.1	145.5	27.7	123	2.8	62.1	17.9	917	3.96	462.0	2.5	76.4	1.7	37	0.8	8.3	0.6	37	0.17	0.129

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1038760	Soil		9	20	0.38	231	0.034	<1	1.20	0.009	0.06	0.2	0.06	2.2	0.1	<0.05	4	<0.5	<0.2
1038761	Soil		8	20	0.38	273	0.033	<1	1.09	0.009	0.07	0.2	0.09	1.8	<0.1	0.09	4	<0.5	<0.2
1038759	Soil		9	20	0.38	236	0.015	<1	1.42	0.011	0.06	0.2	0.13	2.3	0.2	0.08	5	0.7	<0.2
1038765	Soil		9	25	0.43	155	0.042	<1	1.46	0.008	0.07	0.2	0.04	2.3	<0.1	<0.05	4	<0.5	0.2
1193850	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1038763	Soil		7	19	0.26	412	0.027	1	1.24	0.007	0.07	0.1	0.05	1.1	<0.1	0.17	7	<0.5	<0.2
1038769	Soil		12	24	0.39	277	0.038	2	1.53	0.009	0.08	0.2	0.05	2.3	0.1	0.10	5	<0.5	<0.2
1038770	Soil		11	24	0.48	213	0.053	<1	1.42	0.008	0.08	0.2	0.02	2.7	<0.1	0.06	4	<0.5	<0.2
1038767	Soil		2	5	0.03	45	0.026	<1	0.23	0.013	0.02	<0.1	0.02	0.5	<0.1	0.06	2	<0.5	<0.2
1038768	Soil		12	22	0.37	295	0.021	1	1.66	0.013	0.07	0.1	0.04	1.7	0.1	0.06	5	<0.5	<0.2
1039915	Soil		14	29	0.55	302	0.033	1	1.91	0.012	0.14	0.2	0.04	2.7	0.1	0.10	6	<0.5	<0.2
1039925	Soil		9	23	0.33	208	0.031	<1	1.53	0.009	0.09	0.1	0.07	2.3	0.1	<0.05	6	<0.5	<0.2
1038762	Soil		7	17	0.26	403	0.021	<1	0.99	0.008	0.08	0.2	0.06	1.2	<0.1	<0.05	4	<0.5	<0.2
1038766	Soil		10	28	0.45	253	0.044	1	1.67	0.008	0.08	0.1	0.05	2.6	0.2	<0.05	6	<0.5	<0.2
1038764	Soil		14	25	0.38	428	0.024	1	1.57	0.010	0.10	0.2	0.11	2.2	0.1	0.07	5	1.1	<0.2
1038755	Soil		14	27	0.61	474	0.035	1	1.80	0.015	0.12	0.3	0.11	4.0	0.3	0.09	5	<0.5	<0.2
1038775	Soil		13	23	0.34	246	0.029	<1	1.47	0.012	0.06	0.2	0.09	2.8	0.2	0.06	5	<0.5	<0.2
1038772	Soil		11	25	0.38	236	0.030	<1	1.64	0.009	0.07	0.1	0.07	2.1	0.1	<0.05	6	<0.5	<0.2
1038773	Soil		4	6	0.04	32	0.016	<1	0.30	0.009	0.03	<0.1	0.04	0.4	<0.1	<0.05	3	<0.5	<0.2
1038774	Soil		10	22	0.36	203	0.029	<1	1.46	0.009	0.07	0.1	0.05	2.2	0.1	0.05	5	<0.5	<0.2
1038757	Soil		11	26	0.31	198	0.025	<1	1.46	0.020	0.13	0.3	0.22	1.7	0.4	0.21	5	1.2	0.2
1034828	Soil		12	37	1.54	210	0.097	1	2.87	0.026	0.33	<0.1	0.09	6.9	0.3	<0.05	9	<0.5	<0.2
1038754	Soil		16	33	0.90	338	0.056	<1	1.76	0.015	0.10	0.3	0.07	4.9	0.2	<0.05	6	<0.5	<0.2
1038783	Soil		15	22	0.63	466	0.024	1	1.81	0.019	0.07	0.1	0.12	3.6	0.2	0.13	6	0.9	<0.2
1038756	Soil		10	22	0.42	398	0.022	<1	1.39	0.026	0.20	0.2	0.13	3.0	0.4	0.33	5	<0.5	0.3
1038751	Soil		13	27	1.46	222	0.059	<1	3.07	0.010	0.38	<0.1	0.03	7.8	0.3	<0.05	11	<0.5	<0.2
1038752	Soil		9	34	1.35	165	0.069	1	3.03	0.054	0.24	0.2	0.09	6.7	0.2	0.36	9	1.6	0.6
1038758	Soil		12	14	0.37	254	0.007	<1	1.34	0.033	0.12	0.2	0.09	2.4	0.2	0.26	5	<0.5	<0.2
1034827	Soil		10	35	0.71	236	0.067	2	2.08	0.018	0.10	0.1	0.14	3.3	0.2	0.07	6	0.5	0.3
1038753	Soil		14	17	0.29	336	0.014	<1	1.37	0.058	0.12	0.1	0.23	2.1	0.3	0.32	3	2.7	1.7

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1197888	Soil	0.7	14.1	10.1	62	0.3	13.0	8.3	349	2.57	15.8	0.7	4.6	2.6	18	0.1	1.7	0.2	46	0.20	0.049
1004450	Soil	0.8	8.7	17.8	45	0.2	11.2	5.6	139	1.63	3.2	0.5	1.5	0.6	27	0.2	0.2	0.3	42	0.19	0.051
1198099	Soil	0.6	13.8	10.2	62	<0.1	10.5	7.1	363	2.39	5.3	0.5	6.4	2.2	11	0.1	0.4	0.1	38	0.11	0.033
1196995	Soil	1.4	11.8	23.7	57	0.1	13.7	9.0	419	2.02	10.1	0.7	56.4	2.0	23	0.1	0.6	0.5	48	0.27	0.045
1196998	Soil	1.7	19.9	14.2	56	<0.1	14.5	9.1	340	3.44	8.5	0.6	3.2	3.0	15	0.2	0.6	0.2	54	0.15	0.038
1193599	Soil	1.0	20.9	15.4	68	0.2	12.8	9.2	568	3.54	10.3	0.8	3.3	1.8	19	0.8	0.6	0.3	52	0.16	0.054
1198098	Soil	0.8	13.9	10.9	63	0.2	11.3	7.4	496	2.30	5.4	0.6	5.6	2.0	12	0.2	0.4	0.2	42	0.14	0.037
1042549	Soil	0.8	46.0	12.3	50	0.3	9.6	11.0	255	3.17	3.6	0.6	3.8	1.3	23	0.2	0.3	0.3	76	0.22	0.045
1042534	Soil	0.9	13.3	22.4	54	0.2	13.3	7.9	277	2.04	4.3	0.8	15.8	1.6	33	0.2	0.3	0.5	59	0.27	0.061
1193598	Soil	1.2	11.8	13.8	60	<0.1	10.6	5.7	353	3.00	9.4	0.4	<0.5	2.0	11	0.1	0.5	0.3	55	0.09	0.039
1038771	Soil	0.9	17.5	12.7	63	<0.1	13.7	11.9	739	2.48	8.0	0.4	4.5	1.0	15	0.2	0.5	0.6	57	0.17	0.035
1042536	Soil	0.5	10.7	14.9	39	0.1	10.0	4.7	118	1.39	2.0	0.6	6.3	0.4	28	0.2	0.2	0.5	31	0.21	0.062
1193597	Soil	0.9	14.1	15.8	54	0.1	13.4	8.3	275	3.21	7.1	0.7	3.6	2.6	15	0.2	0.4	0.3	52	0.12	0.036
1042542	Soil	1.0	20.3	13.9	50	0.3	16.0	7.9	199	3.22	7.5	0.7	6.4	3.0	12	0.3	0.5	0.4	61	0.11	0.023
1193600	Soil	0.8	12.7	10.8	56	0.1	10.6	6.2	257	2.17	5.6	0.5	3.6	1.5	13	0.1	0.4	0.3	43	0.16	0.035
1042547	Soil	0.8	11.5	15.4	56	0.3	9.5	7.0	263	2.50	5.3	0.6	4.1	1.4	13	0.1	0.3	0.3	43	0.14	0.044
1042540	Soil	1.6	21.3	120.1	198	1.3	10.3	6.0	548	1.58	19.1	0.8	1.5	0.2	30	1.3	3.9	1.8	41	0.23	0.084
1042539	Soil	2.0	10.5	35.1	87	0.2	9.7	4.6	327	1.83	6.1	0.5	8.4	2.2	17	0.3	0.6	0.4	48	0.18	0.051
1042546	Soil	2.6	55.7	213.4	225	2.6	10.1	6.4	684	5.06	248.1	1.4	13.7	1.9	20	2.6	10.2	19.1	35	0.13	0.122
1042543	Soil	1.6	21.7	17.1	60	0.2	18.5	13.2	779	3.13	7.1	1.1	99.1	2.0	42	<0.1	0.4	1.1	85	0.34	0.073
1196997	Soil	4.6	18.7	23.1	44	0.3	8.5	7.7	190	1.19	12.4	0.8	4.6	3.5	15	0.2	0.9	0.3	21	0.14	0.045
1196994	Soil	0.8	21.9	13.0	63	0.3	14.2	14.4	517	2.96	12.7	1.2	2.0	1.9	16	0.2	1.3	0.3	48	0.17	0.054
1196993	Soil	0.7	15.8	8.8	65	0.2	11.6	7.0	312	2.48	7.8	0.6	1.5	1.6	13	0.2	0.5	0.2	45	0.15	0.044
1196999	Soil	1.4	20.7	13.0	70	0.1	17.4	12.2	421	3.12	5.8	0.9	2.8	3.4	22	0.2	0.5	0.2	51	0.26	0.052
1196996	Soil	1.5	19.7	16.8	61	0.1	15.8	10.6	560	2.84	9.2	0.9	2.9	1.6	21	0.3	0.7	0.3	51	0.22	0.062
1197000	Soil	1.0	13.8	12.5	47	0.3	11.5	8.5	283	2.16	6.5	1.0	5.2	0.9	21	0.1	0.4	0.3	52	0.16	0.066
1045885	Soil	0.9	75.6	19.7	55	<0.1	15.4	17.2	987	4.35	7.1	0.5	6.5	1.1	125	0.5	0.4	0.2	102	0.77	0.129
1197887	Soil	0.8	20.4	9.7	69	0.2	12.6	9.8	547	3.15	8.4	0.9	8.5	2.1	14	0.4	0.6	0.3	47	0.15	0.052
1198100	Soil	0.6	18.5	10.6	63	<0.1	11.6	7.2	376	2.48	6.0	0.6	6.1	2.5	10	0.1	0.5	0.2	36	0.12	0.028
1197886	Soil	0.8	21.9	10.3	58	0.2	15.7	8.3	247	2.31	8.2	1.3	8.3	2.3	22	0.2	0.5	0.3	50	0.21	0.066

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

Project: CHA
Report Date: July 31, 2011

CERTIFICATE OF ANALYSIS WHI11000428.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1197888	Soil	12	21	0.43	180	0.062	<1	1.41	0.009	0.12	0.2	0.05	3.0	0.2	<0.05	5	<0.5	<0.2
1004450	Soil	10	22	0.36	144	0.041	<1	1.29	0.013	0.05	0.2	0.04	1.7	0.1	<0.05	5	<0.5	<0.2
1198099	Soil	9	16	0.43	123	0.092	<1	1.27	0.008	0.19	0.1	0.04	3.0	0.1	<0.05	5	<0.5	<0.2
1196995	Soil	12	19	0.30	187	0.026	1	1.23	0.010	0.06	0.2	0.04	2.1	<0.1	<0.05	4	<0.5	<0.2
1196998	Soil	17	21	0.44	146	0.060	<1	1.64	0.008	0.11	0.1	0.03	4.0	0.1	<0.05	6	<0.5	<0.2
1193599	Soil	11	21	0.50	190	0.070	<1	1.78	0.011	0.23	0.2	0.05	3.3	0.1	<0.05	7	<0.5	<0.2
1198098	Soil	10	19	0.38	129	0.073	<1	1.33	0.009	0.15	0.1	0.03	3.3	0.1	<0.05	5	<0.5	<0.2
1042549	Soil	7	19	0.88	194	0.115	1	1.68	0.014	0.33	0.2	0.05	4.3	0.2	0.09	6	<0.5	<0.2
1042534	Soil	11	22	0.43	172	0.052	1	1.60	0.016	0.06	0.2	0.05	2.5	0.1	<0.05	5	<0.5	<0.2
1193598	Soil	8	19	0.31	92	0.063	2	1.60	0.009	0.11	0.1	0.03	2.3	0.1	<0.05	7	<0.5	<0.2
1038771	Soil	8	24	0.41	205	0.045	1	1.23	0.006	0.07	0.2	0.04	1.8	<0.1	0.07	6	<0.5	<0.2
1042536	Soil	7	22	0.31	127	0.034	2	1.08	0.012	0.04	0.2	0.05	1.3	<0.1	<0.05	4	<0.5	<0.2
1193597	Soil	11	21	0.47	155	0.075	2	1.83	0.011	0.13	0.2	0.03	3.8	0.1	0.05	6	0.8	<0.2
1042542	Soil	8	31	0.43	151	0.075	<1	2.40	0.011	0.09	0.3	0.06	3.6	0.1	<0.05	7	<0.5	<0.2
1193600	Soil	8	17	0.44	134	0.083	1	1.26	0.008	0.17	0.2	0.05	3.0	0.1	<0.05	5	<0.5	<0.2
1042547	Soil	9	16	0.50	129	0.085	<1	1.49	0.008	0.18	0.2	0.05	4.0	0.1	<0.05	7	<0.5	<0.2
1042540	Soil	7	24	0.26	348	0.015	1	1.17	0.011	0.05	0.1	0.07	1.6	0.3	<0.05	4	<0.5	<0.2
1042539	Soil	8	17	0.23	159	0.044	1	1.01	0.009	0.04	0.2	0.04	2.0	<0.1	<0.05	4	<0.5	<0.2
1042546	Soil	8	15	0.18	249	0.017	2	1.07	0.014	0.47	0.2	0.04	1.9	0.5	0.91	3	<0.5	<0.2
1042543	Soil	18	27	0.49	234	0.041	1	1.78	0.021	0.07	0.2	0.05	5.8	0.1	<0.05	6	<0.5	<0.2
1196997	Soil	7	12	0.23	87	0.017	<1	0.81	0.005	0.07	<0.1	0.02	1.9	<0.1	<0.05	2	<0.5	<0.2
1196994	Soil	15	23	0.43	243	0.053	2	1.66	0.008	0.10	0.2	0.07	3.8	0.1	<0.05	5	<0.5	<0.2
1196993	Soil	8	19	0.44	135	0.084	1	1.21	0.008	0.19	0.1	0.05	3.2	0.1	<0.05	5	0.6	<0.2
1196999	Soil	20	27	0.58	208	0.077	1	1.57	0.010	0.11	0.2	0.02	5.1	0.1	<0.05	5	<0.5	<0.2
1196996	Soil	10	22	0.38	210	0.038	2	1.47	0.009	0.09	0.2	0.05	2.1	0.1	<0.05	4	0.6	<0.2
1197000	Soil	10	24	0.35	191	0.049	2	1.33	0.009	0.09	0.2	0.09	3.1	0.1	<0.05	6	<0.5	<0.2
1045885	Soil	11	41	1.34	270	0.016	1	2.82	0.011	0.09	0.2	0.03	6.5	0.2	<0.05	8	<0.5	<0.2
1197887	Soil	13	21	0.40	184	0.052	1	1.51	0.008	0.14	0.2	0.03	3.2	0.1	<0.05	5	<0.5	<0.2
1198100	Soil	9	16	0.42	121	0.085	1	1.31	0.006	0.22	0.2	0.01	2.8	0.2	<0.05	4	<0.5	<0.2
1197886	Soil	14	23	0.40	232	0.060	1	1.36	0.011	0.09	0.2	0.07	3.7	0.1	<0.05	4	<0.5	<0.2

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Project: CHA
Report Date: July 31, 2011

CERTIFICATE OF ANALYSIS WHI11000428.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1199310	Soil	0.8	19.1	14.0	55	0.2	14.8	7.4	223	2.17	8.2	0.7	1.9	0.2	16	0.2	0.5	0.4	45	0.18	0.047
1199311	Soil	0.4	20.7	17.6	62	0.2	15.5	6.7	154	2.22	6.5	0.8	2.0	0.7	17	<0.1	0.8	0.4	50	0.22	0.056
1004991	Soil	0.6	12.9	13.7	56	0.2	12.3	6.1	220	1.89	5.4	0.5	4.4	1.1	16	0.1	0.5	0.4	42	0.22	0.056
1037948	Soil	2.0	28.2	19.3	51	0.2	16.6	7.3	314	3.29	30.7	1.3	13.4	0.4	28	<0.1	1.8	0.5	64	0.27	0.147
1037947	Soil	1.5	24.0	15.7	62	<0.1	22.6	9.5	352	3.65	29.3	0.8	7.3	2.7	25	0.2	1.6	0.3	71	0.28	0.043
1004986	Soil	2.0	26.1	13.2	60	<0.1	20.3	14.8	619	4.61	9.0	0.6	15.7	0.8	72	0.3	0.5	0.2	113	0.41	0.116
1004987	Soil	0.8	26.7	14.5	55	<0.1	18.5	15.4	701	5.10	11.0	0.6	13.0	1.2	159	0.3	0.5	0.6	122	0.54	0.157
1004990	Soil	1.2	40.4	17.4	65	0.1	25.1	12.8	636	3.68	10.6	0.9	20.8	1.4	72	0.4	0.6	0.2	84	0.51	0.115
1004989	Soil	0.3	17.4	9.1	40	0.2	13.8	14.5	735	5.00	7.9	0.4	39.1	1.5	52	0.2	0.4	0.2	103	0.82	0.159
1199312	Soil	0.6	14.3	14.0	53	0.2	13.1	5.7	178	1.92	6.2	0.6	1.3	0.6	16	0.2	0.4	0.3	41	0.18	0.053
1042533	Soil	0.9	16.7	10.6	53	0.2	15.0	7.4	244	1.96	3.2	0.8	4.9	1.1	41	0.1	0.3	0.3	51	0.32	0.061
1042535	Soil	2.1	15.4	44.3	129	0.2	14.7	8.8	542	2.54	11.2	0.7	5.1	3.3	23	1.3	1.3	0.5	46	0.23	0.061
1042537	Soil	2.0	30.7	28.9	73	0.3	16.3	8.3	273	2.22	7.2	1.0	7.3	0.8	33	0.4	1.1	0.3	64	0.24	0.082
1042532	Soil	1.7	32.1	73.4	233	0.8	14.7	10.1	608	2.60	24.8	1.0	5.9	1.3	30	2.0	2.9	1.6	57	0.25	0.079
1037946	Soil	2.6	32.7	22.4	73	0.3	19.7	9.0	410	3.84	88.0	1.7	8.4	3.0	27	<0.1	2.0	0.5	67	0.17	0.084
1199308	Soil	0.6	19.7	12.2	56	0.1	16.7	6.9	165	2.47	10.4	0.6	4.3	1.6	15	0.2	0.5	0.3	48	0.19	0.049
1199307	Soil	0.7	22.1	11.4	59	0.1	17.0	8.5	283	2.39	9.1	0.7	2.7	1.4	22	0.1	0.5	0.3	49	0.26	0.048
1199309	Soil	0.5	18.9	10.4	50	0.1	15.9	7.1	175	2.22	8.7	0.6	10.5	1.3	14	0.2	0.5	0.3	45	0.18	0.045
1197893	Soil	0.8	31.4	13.1	58	0.2	17.0	8.8	408	2.66	14.1	0.7	2.9	1.7	17	0.2	0.7	1.4	57	0.21	0.042
1045883	Soil	1.1	21.3	10.9	50	<0.1	16.0	13.8	989	3.80	12.1	0.6	5.4	0.7	46	0.3	1.2	0.2	90	0.40	0.120
1199303	Soil	0.8	21.0	13.3	51	0.2	15.7	7.0	251	2.29	8.6	0.7	6.1	0.8	15	0.2	0.5	0.5	51	0.19	0.046
1199304	Soil	0.7	20.7	12.7	60	0.2	17.7	7.9	281	2.34	9.3	0.7	3.5	1.3	16	0.1	0.5	0.5	52	0.19	0.042
1199305	Soil	0.6	22.4	11.6	54	<0.1	15.7	9.0	327	2.27	8.4	0.7	8.3	2.4	18	0.1	0.5	0.4	50	0.27	0.046
1199306	Soil	0.8	18.8	12.1	57	0.1	16.2	8.6	289	2.40	9.7	0.6	3.8	1.5	15	0.2	0.5	0.4	50	0.20	0.047
1197892	Soil	0.9	26.7	10.2	41	0.3	13.6	6.0	196	2.02	8.7	0.7	2.8	0.5	16	0.2	0.5	0.3	46	0.18	0.049
1004414	Soil	1.0	14.5	8.1	36	0.1	8.4	6.0	425	1.78	13.4	0.5	1.6	0.5	14	0.4	0.7	0.3	38	0.14	0.049
1197890	Soil	0.4	5.0	4.6	23	0.1	2.6	3.2	131	1.23	1.9	0.2	0.6	0.2	7	<0.1	0.1	0.1	27	0.08	0.019
1199301	Soil	1.0	31.8	13.8	55	0.3	17.2	7.0	251	2.45	10.5	1.0	3.3	0.6	17	0.3	0.6	0.5	51	0.18	0.062
1197891	Soil	0.9	23.6	12.1	60	0.2	20.1	9.0	364	2.72	15.0	0.8	3.5	1.9	19	0.2	0.7	0.7	56	0.24	0.046
1199302	Soil	0.8	24.8	15.6	60	0.2	19.0	9.0	332	2.57	10.0	0.8	2.6	1.6	17	0.2	0.5	0.4	57	0.19	0.042

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1199310	Soil	10	27	0.39	195	0.026	1	1.71	0.008	0.06	0.1	0.03	1.1	0.1	<0.05	6	<0.5	<0.2
1199311	Soil	11	28	0.46	198	0.040	<1	1.80	0.008	0.06	0.1	0.04	2.2	0.1	<0.05	5	<0.5	<0.2
1004991	Soil	8	24	0.40	138	0.038	1	1.39	0.007	0.06	0.1	0.04	2.0	<0.1	<0.05	5	0.6	<0.2
1037948	Soil	12	21	0.36	284	0.017	2	1.30	0.007	0.09	0.2	0.06	1.7	0.2	0.10	5	<0.5	0.2
1037947	Soil	11	28	0.54	329	0.058	2	1.42	0.010	0.08	0.3	0.03	3.1	<0.1	<0.05	5	0.5	<0.2
1004986	Soil	8	30	1.14	211	0.085	2	2.71	0.026	0.07	0.2	0.08	4.1	0.1	<0.05	7	<0.5	<0.2
1004987	Soil	8	48	1.35	309	0.068	<1	2.53	0.012	0.05	0.2	0.03	5.2	<0.1	<0.05	7	<0.5	<0.2
1004990	Soil	15	35	0.87	228	0.055	2	2.06	0.016	0.06	0.3	0.05	3.6	0.1	<0.05	6	<0.5	<0.2
1004989	Soil	17	44	1.61	137	0.031	1	2.21	0.010	0.04	0.1	0.03	8.3	<0.1	<0.05	7	<0.5	<0.2
1199312	Soil	9	22	0.37	146	0.033	<1	1.47	0.007	0.05	0.2	0.03	1.7	<0.1	<0.05	5	<0.5	<0.2
1042533	Soil	11	23	0.43	219	0.054	2	1.60	0.017	0.05	0.2	0.04	2.0	0.1	<0.05	5	<0.5	<0.2
1042535	Soil	12	20	0.33	254	0.037	<1	1.25	0.009	0.07	0.2	0.04	2.9	<0.1	<0.05	4	<0.5	<0.2
1042537	Soil	10	28	0.41	217	0.040	2	1.60	0.015	0.04	0.2	0.04	2.0	0.1	<0.05	5	<0.5	<0.2
1042532	Soil	11	28	0.36	299	0.032	1	1.53	0.011	0.07	0.2	0.07	2.5	0.2	<0.05	5	<0.5	<0.2
1037946	Soil	19	25	0.51	452	0.017	<1	2.11	0.010	0.10	0.3	0.11	3.9	0.2	0.06	6	0.6	<0.2
1199308	Soil	10	26	0.52	156	0.035	<1	1.67	0.008	0.06	0.1	0.03	2.3	<0.1	<0.05	5	<0.5	<0.2
1199307	Soil	11	27	0.52	221	0.035	<1	1.63	0.009	0.06	0.1	0.03	2.5	<0.1	<0.05	5	<0.5	<0.2
1199309	Soil	10	26	0.48	180	0.034	<1	1.65	0.007	0.05	0.1	0.03	2.4	<0.1	<0.05	5	<0.5	<0.2
1197893	Soil	10	27	0.58	192	0.040	<1	1.56	0.007	0.07	0.1	0.02	2.6	<0.1	<0.05	5	<0.5	<0.2
1045883	Soil	14	23	0.98	266	0.027	<1	2.31	0.009	0.10	0.2	0.05	4.2	0.2	<0.05	8	<0.5	<0.2
1199303	Soil	10	24	0.46	195	0.034	<1	1.52	0.009	0.06	0.1	0.03	2.2	<0.1	<0.05	5	<0.5	<0.2
1199304	Soil	10	27	0.54	211	0.037	<1	1.68	0.009	0.07	0.2	0.04	2.5	0.1	<0.05	5	<0.5	<0.2
1199305	Soil	12	26	0.58	224	0.047	<1	1.64	0.009	0.06	0.1	0.02	3.0	0.1	<0.05	5	<0.5	<0.2
1199306	Soil	11	26	0.51	184	0.039	<1	1.76	0.008	0.07	0.1	0.02	2.6	0.1	<0.05	5	<0.5	<0.2
1197892	Soil	8	23	0.38	231	0.024	<1	1.34	0.011	0.05	0.1	0.04	1.7	0.1	<0.05	5	<0.5	<0.2
1004414	Soil	6	10	0.20	168	0.025	<1	0.68	0.010	0.06	0.1	0.06	1.4	<0.1	<0.05	3	<0.5	<0.2
1197890	Soil	3	8	0.17	48	0.044	<1	0.63	0.020	0.03	<0.1	0.01	0.7	<0.1	<0.05	4	<0.5	<0.2
1199301	Soil	11	28	0.48	265	0.027	<1	1.78	0.009	0.07	0.1	0.05	2.4	0.1	<0.05	6	<0.5	<0.2
1197891	Soil	12	30	0.56	288	0.047	<1	1.67	0.009	0.07	0.1	0.03	3.0	0.1	<0.05	5	<0.5	<0.2
1199302	Soil	13	30	0.54	231	0.041	<1	1.85	0.008	0.07	0.1	0.03	3.0	<0.1	<0.05	6	<0.5	<0.2

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

Project: CHA
Report Date: July 31, 2011

CERTIFICATE OF ANALYSIS WHI11000428.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1039771	Soil	0.5	17.4	7.5	47	<0.1	14.5	8.8	225	2.76	13.3	0.5	4.4	2.0	82	0.1	0.4	0.2	67	0.38	0.104
1039773	Soil	0.8	22.2	11.9	60	<0.1	18.6	10.8	248	2.82	12.1	0.7	2.9	2.0	33	0.2	0.5	0.2	74	0.25	0.086
1193837	Soil	0.6	13.1	9.6	50	<0.1	14.7	13.5	287	3.63	11.9	0.6	5.2	2.5	119	0.1	0.6	0.2	97	0.50	0.127
1039770	Soil	0.7	17.3	7.8	60	<0.1	18.9	9.0	263	2.73	7.9	0.5	2.3	1.2	19	0.2	0.5	0.2	65	0.26	0.072
1193844	Soil	0.6	19.2	9.4	49	<0.1	16.1	13.6	392	3.37	14.1	0.5	3.0	2.5	87	0.1	0.6	0.2	83	0.37	0.080
1039764	Soil	0.9	164.0	14.3	57	<0.1	18.4	35.9	1092	4.41	19.4	0.6	41.4	1.6	107	0.5	0.5	1.1	118	0.60	0.154
1039768	Soil	1.1	64.9	10.6	46	0.1	12.8	15.4	717	3.19	8.8	0.5	10.9	0.3	53	0.3	0.5	0.5	82	0.29	0.153
1039766	Soil	1.3	54.3	10.9	52	0.1	16.2	34.4	1217	4.41	50.1	0.8	18.5	0.8	60	0.4	0.8	0.6	113	0.46	0.169
1039765	Soil	1.3	61.4	11.6	64	<0.1	28.1	31.3	1022	4.61	30.9	1.0	23.2	2.2	32	0.4	1.2	0.8	95	0.48	0.158
1039769	Soil	0.8	18.1	8.7	61	<0.1	24.9	10.6	351	2.70	8.5	0.5	6.4	2.0	17	0.2	0.5	0.2	63	0.21	0.035
1045884	Soil	0.9	35.9	10.0	50	<0.1	15.1	16.3	931	4.03	9.2	0.6	4.7	1.5	57	0.3	1.1	0.1	115	0.69	0.131
1037949	Soil	1.8	27.4	17.8	40	0.1	16.0	6.4	254	2.34	27.6	1.6	21.4	0.1	24	0.6	1.7	0.2	49	0.21	0.135
1197889	Soil	1.6	21.6	14.4	51	0.1	17.4	8.2	307	2.68	24.8	0.8	2.7	1.8	23	0.3	1.3	0.3	66	0.26	0.054
1039759	Soil	1.2	38.9	11.9	48	0.2	12.4	26.4	891	3.66	28.6	0.6	6.9	2.5	222	0.2	1.1	0.7	90	0.45	0.090
1039767	Soil	1.0	94.0	11.7	53	0.2	15.4	24.8	1034	4.35	27.8	0.6	73.8	0.6	46	0.3	0.6	1.5	105	0.37	0.175
1039760	Soil	0.9	30.1	7.8	45	<0.1	16.2	13.3	356	3.02	11.7	0.5	5.4	2.0	63	0.1	0.6	1.4	83	0.30	0.075
1039757	Soil	1.9	4.9	17.0	40	0.1	6.2	9.7	853	4.04	32.0	1.3	6.9	3.5	37	0.1	0.7	1.2	24	0.12	0.063
1039775	Soil	0.9	20.5	9.4	55	0.1	11.1	11.8	639	4.25	7.1	0.4	8.0	0.2	45	0.2	0.5	0.1	116	0.41	0.133
1039758	Soil	4.5	89.2	25.4	100	0.3	15.8	13.7	321	3.16	13.6	0.9	4.9	2.0	16	0.3	1.4	0.4	45	0.15	0.047
1039761	Soil	1.1	43.9	9.9	47	0.2	21.5	18.0	547	3.33	18.7	0.8	4.4	2.2	47	<0.1	0.9	0.9	94	0.25	0.062
1039756	Soil	4.6	14.2	26.4	79	0.4	16.9	20.7	1909	5.88	14.1	3.3	1.6	3.5	32	0.4	0.9	0.3	46	0.27	0.178
1039774	Soil	0.4	21.5	12.3	52	0.6	7.5	12.4	927	4.55	8.5	0.2	3.2	1.8	51	0.2	0.5	0.3	104	0.57	0.089
1039754	Soil	0.7	3.7	14.6	52	<0.1	7.8	34.0	946	6.97	46.0	0.7	28.3	1.0	177	0.3	0.8	1.3	121	0.58	0.146
1039752	Soil	4.2	16.9	10.6	34	0.2	6.2	7.5	635	5.00	35.5	0.3	3.1	1.3	314	0.3	0.4	0.2	119	3.60	0.226
1039762	Soil	1.0	16.4	10.2	68	0.2	19.0	7.6	205	2.68	10.5	0.5	2.4	1.1	10	0.2	0.5	0.1	53	0.14	0.040
1039772	Soil	0.8	58.7	8.6	56	<0.1	18.0	12.5	215	2.63	13.6	0.6	5.5	2.5	34	0.1	0.5	0.2	68	0.33	0.081
1193842	Soil	<0.1	2.4	2.8	33	<0.1	3.0	8.4	614	4.57	3.8	0.1	<0.5	0.4	53	0.1	0.2	<0.1	124	1.15	0.208
1039755	Soil	6.0	13.4	35.9	78	0.3	14.2	15.6	895	4.93	40.4	2.1	6.5	3.2	66	0.5	1.1	0.3	67	0.54	0.123
1039751	Soil	0.8	19.7	8.3	55	<0.1	18.9	10.5	288	2.85	9.8	0.8	12.7	2.9	47	0.2	0.5	0.1	70	0.29	0.070
1039753	Soil	9.5	14.2	15.9	58	0.1	15.0	7.3	325	3.02	9.6	0.5	2.1	0.6	72	0.1	0.5	0.2	68	0.23	0.073

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Project: CHA
Report Date: July 31, 2011

CERTIFICATE OF ANALYSIS WHI11000428.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1039771	Soil		10	29	0.68	144	0.077	<1	1.74	0.019	0.08	0.1	0.03	3.5	<0.1	<0.05	5	<0.5	<0.2
1039773	Soil		12	29	0.63	177	0.066	<1	1.95	0.013	0.05	0.1	0.06	3.9	<0.1	<0.05	6	0.6	<0.2
1193837	Soil		11	27	0.99	129	0.080	<1	2.21	0.017	0.06	0.1	0.03	5.4	<0.1	<0.05	6	<0.5	<0.2
1039770	Soil		11	32	0.63	109	0.064	1	1.84	0.012	0.09	0.1	0.03	3.3	<0.1	<0.05	6	<0.5	<0.2
1193844	Soil		10	28	0.80	140	0.077	<1	2.37	0.015	0.10	0.1	0.03	4.5	0.1	<0.05	6	<0.5	<0.2
1039764	Soil		12	38	1.27	219	0.067	<1	2.49	0.019	0.11	0.2	0.05	6.8	0.1	<0.05	7	<0.5	<0.2
1039768	Soil		9	26	0.75	166	0.042	1	2.12	0.021	0.06	<0.1	0.12	3.1	0.1	<0.05	6	0.6	<0.2
1039766	Soil		14	25	1.08	259	0.049	<1	2.36	0.021	0.10	0.1	0.09	5.9	0.2	<0.05	8	0.9	0.6
1039765	Soil		22	25	0.83	241	0.037	<1	1.75	0.018	0.09	0.2	0.04	6.5	0.2	<0.05	6	<0.5	0.4
1039769	Soil		10	31	0.55	139	0.066	1	1.91	0.011	0.05	0.3	0.05	2.9	<0.1	<0.05	5	<0.5	<0.2
1045884	Soil		22	35	1.36	209	0.024	<1	2.49	0.014	0.10	0.2	0.06	8.7	0.1	<0.05	8	<0.5	<0.2
1037949	Soil		10	20	0.30	231	0.012	<1	1.28	0.009	0.07	0.1	0.06	0.8	0.1	0.11	4	0.9	<0.2
1197889	Soil		12	27	0.50	322	0.051	<1	1.37	0.011	0.08	0.2	0.02	2.9	0.1	<0.05	5	<0.5	<0.2
1039759	Soil		12	19	0.82	296	0.079	<1	2.25	0.021	0.10	0.2	0.03	4.2	0.2	<0.05	6	0.6	0.4
1039767	Soil		16	35	1.07	189	0.033	<1	2.34	0.013	0.08	0.2	0.13	4.8	0.1	0.07	7	<0.5	0.5
1039760	Soil		10	23	0.62	151	0.075	<1	2.01	0.013	0.08	0.3	0.03	2.6	<0.1	<0.05	5	<0.5	<0.2
1039757	Soil		20	10	0.29	488	0.004	<1	1.20	0.013	0.06	0.2	0.03	1.3	<0.1	0.09	3	0.8	0.8
1039775	Soil		11	19	1.01	187	0.042	<1	2.45	0.020	0.15	0.1	0.13	2.1	0.2	0.06	8	<0.5	<0.2
1039758	Soil		21	25	0.39	269	0.031	4	1.47	0.011	0.07	0.2	0.04	3.0	0.2	0.05	4	1.0	<0.2
1039761	Soil		11	37	0.80	126	0.071	2	1.93	0.012	0.14	0.2	0.06	3.3	0.2	<0.05	6	1.2	<0.2
1039756	Soil		31	17	0.64	586	0.025	1	1.91	0.011	0.11	0.2	0.05	3.1	0.2	0.14	5	1.7	0.6
1039774	Soil		11	14	1.86	92	0.038	2	2.67	0.009	0.04	<0.1	0.04	4.2	<0.1	<0.05	9	<0.5	0.4
1039754	Soil		7	23	1.16	129	0.027	<1	2.89	0.083	0.10	<0.1	0.03	5.5	<0.1	0.28	8	1.2	1.5
1039752	Soil		8	14	1.30	138	0.018	<1	3.12	0.013	0.18	<0.1	<0.01	5.3	<0.1	<0.05	10	<0.5	<0.2
1039762	Soil		8	29	0.47	104	0.048	2	2.12	0.008	0.05	0.1	0.08	2.3	<0.1	<0.05	5	0.8	<0.2
1039772	Soil		10	29	0.73	132	0.088	2	1.83	0.019	0.09	0.2	0.04	3.6	0.1	<0.05	5	0.7	<0.2
1193842	Soil		7	12	1.70	97	0.012	<1	3.08	0.005	0.28	<0.1	0.02	7.4	0.1	<0.05	9	<0.5	<0.2
1039755	Soil		44	23	0.73	217	0.016	<1	1.73	0.009	0.04	0.2	0.04	5.0	0.1	0.09	6	0.8	0.5
1039751	Soil		11	25	0.58	135	0.081	2	1.87	0.016	0.08	0.3	0.11	3.0	0.1	<0.05	5	0.7	<0.2
1039753	Soil		7	26	0.50	125	0.037	1	1.72	0.011	0.05	0.2	0.07	2.0	<0.1	<0.05	6	<0.5	<0.2

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Project: CHA
Report Date: July 31, 2011

QUALITY CONTROL REPORT WHI11000428.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1039930	Soil	1.1	23.7	14.7	54	0.2	19.8	8.0	249	2.67	8.5	0.6	4.0	2.7	18	0.1	0.6	0.3	72	0.29	0.039
REP 1039930	QC	1.1	23.8	14.4	51	0.2	18.8	7.8	261	2.75	9.0	0.7	6.1	2.7	19	0.2	0.5	0.3	73	0.29	0.045
1039911	Soil	1.8	23.2	13.9	61	0.2	16.5	10.6	586	3.00	20.1	0.6	5.5	1.0	22	0.5	0.6	0.5	81	0.20	0.057
REP 1039911	QC	1.6	23.2	13.9	62	0.2	17.0	10.4	587	3.06	19.3	0.6	1.6	1.0	23	0.5	0.6	0.6	80	0.20	0.057
1038755	Soil	2.1	25.2	11.1	59	<0.1	21.0	12.9	586	3.83	32.5	1.0	9.3	1.3	41	0.1	2.0	0.2	76	0.40	0.118
REP 1038755	QC	2.4	24.6	11.0	57	0.1	19.5	12.9	576	3.72	32.3	1.0	4.7	1.3	41	0.1	1.9	0.2	73	0.41	0.115
1038754	Soil	1.1	28.9	10.2	62	0.1	23.4	15.8	589	4.44	28.9	1.0	15.1	2.7	41	0.2	1.4	0.3	85	0.48	0.168
REP 1038754	QC	1.3	30.5	10.8	64	<0.1	22.9	16.1	592	4.43	30.1	1.0	13.4	2.7	42	0.4	1.4	0.3	86	0.49	0.165
1196997	Soil	4.6	18.7	23.1	44	0.3	8.5	7.7	190	1.19	12.4	0.8	4.6	3.5	15	0.2	0.9	0.3	21	0.14	0.045
REP 1196997	QC	4.7	18.6	23.1	41	0.3	9.2	7.6	199	1.25	12.4	0.9	6.5	3.2	16	0.1	1.0	0.2	23	0.14	0.044
1199311	Soil	0.4	20.7	17.6	62	0.2	15.5	6.7	154	2.22	6.5	0.8	2.0	0.7	17	<0.1	0.8	0.4	50	0.22	0.056
REP 1199311	QC	0.3	19.1	17.5	61	0.2	15.3	6.4	145	2.15	5.9	0.7	2.8	0.8	17	0.2	0.6	0.3	47	0.21	0.058
1199305	Soil	0.6	22.4	11.6	54	<0.1	15.7	9.0	327	2.27	8.4	0.7	8.3	2.4	18	0.1	0.5	0.4	50	0.27	0.046
REP 1199305	QC	0.7	22.2	11.0	52	<0.1	16.6	9.2	332	2.37	8.6	0.7	1.7	2.3	19	0.1	0.5	0.3	50	0.27	0.045
1039770	Soil	0.7	17.3	7.8	60	<0.1	18.9	9.0	263	2.73	7.9	0.5	2.3	1.2	19	0.2	0.5	0.2	65	0.26	0.072
REP 1039770	QC	0.6	17.1	7.6	57	<0.1	17.8	8.3	254	2.56	7.2	0.5	1.5	1.2	19	0.2	0.5	0.2	60	0.23	0.065
1039761	Soil	1.1	43.9	9.9	47	0.2	21.5	18.0	547	3.33	18.7	0.8	4.4	2.2	47	<0.1	0.9	0.9	94	0.25	0.062
REP 1039761	QC	1.2	43.5	10.5	47	0.2	21.1	18.0	536	3.32	19.2	0.8	4.9	2.2	48	<0.1	0.9	1.1	93	0.26	0.065
Reference Materials																					
STD DS8	Standard	13.0	108.4	126.6	314	1.9	40.1	7.7	615	2.80	26.4	2.7	121.0	6.2	61	2.4	5.3	6.4	45	0.67	0.080
STD DS8	Standard	12.7	111.6	123.8	311	1.8	39.3	7.3	628	2.72	25.6	2.9	113.1	6.4	64	2.2	5.3	6.3	43	0.70	0.078
STD DS8	Standard	12.8	111.1	120.9	319	1.9	38.8	8.1	632	2.53	28.4	2.7	122.1	6.4	63	2.6	5.6	6.5	45	0.69	0.085
STD DS8	Standard	13.8	113.3	126.9	331	1.9	39.2	7.8	611	2.54	27.8	2.9	115.2	7.3	63	2.3	5.7	6.6	43	0.69	0.083
STD DS8	Standard	12.8	104.3	127.2	317	1.9	36.5	7.2	624	2.59	27.9	2.8	121.9	6.5	68	2.6	5.5	6.3	43	0.69	0.084
STD DS8	Standard	12.3	108.3	125.9	323	1.8	36.3	7.3	639	2.64	27.5	2.8	109.9	6.4	68	2.4	5.8	5.9	43	0.73	0.077
STD DS8	Standard	12.9	107.1	124.4	303	1.8	36.7	7.6	597	2.45	26.0	2.7	114.2	6.9	60	2.3	5.2	5.6	42	0.67	0.081
STD DS8	Standard	12.3	104.6	125.8	308	1.8	36.0	7.4	594	2.41	26.4	2.7	118.4	6.9	58	2.3	5.1	5.6	40	0.67	0.076
STD DS8	Standard	13.2	102.0	124.2	304	1.8	36.4	7.3	609	2.39	25.4	2.6	115.6	6.4	62	2.3	5.0	6.4	41	0.68	0.076

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

Project: CHA
Report Date: July 31, 2011

QUALITY CONTROL REPORT WHI11000428.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1039930	Soil	9	33	0.88	305	0.056	1	1.84	0.006	0.11	0.2	0.03	3.4	0.1	<0.05	6	<0.5	<0.2
REP 1039930	QC	9	34	0.90	301	0.053	1	1.89	0.006	0.11	0.1	0.04	3.4	0.2	0.06	6	<0.5	<0.2
1039911	Soil	8	29	0.43	287	0.045	<1	1.90	0.009	0.05	0.2	0.05	2.7	0.1	<0.05	7	<0.5	<0.2
REP 1039911	QC	9	29	0.43	296	0.050	1	1.99	0.009	0.04	0.2	0.04	2.8	0.1	0.06	7	0.6	0.3
1038755	Soil	14	27	0.61	474	0.035	1	1.80	0.015	0.12	0.3	0.11	4.0	0.3	0.09	5	<0.5	<0.2
REP 1038755	QC	14	27	0.60	463	0.037	1	1.76	0.014	0.12	0.2	0.09	4.0	0.3	0.07	5	<0.5	0.3
1038754	Soil	16	33	0.90	338	0.056	<1	1.76	0.015	0.10	0.3	0.07	4.9	0.2	<0.05	6	<0.5	<0.2
REP 1038754	QC	16	33	0.83	337	0.058	1	1.80	0.015	0.10	0.4	0.09	5.1	0.2	0.06	6	<0.5	<0.2
1196997	Soil	7	12	0.23	87	0.017	<1	0.81	0.005	0.07	<0.1	0.02	1.9	<0.1	<0.05	2	<0.5	<0.2
REP 1196997	QC	7	12	0.24	87	0.018	1	0.82	0.006	0.07	0.1	0.02	1.8	<0.1	<0.05	2	<0.5	<0.2
1199311	Soil	11	28	0.46	198	0.040	<1	1.80	0.008	0.06	0.1	0.04	2.2	0.1	<0.05	5	<0.5	<0.2
REP 1199311	QC	11	26	0.45	193	0.038	1	1.84	0.008	0.05	<0.1	0.03	2.0	0.1	<0.05	5	<0.5	<0.2
1199305	Soil	12	26	0.58	224	0.047	<1	1.64	0.009	0.06	0.1	0.02	3.0	0.1	<0.05	5	<0.5	<0.2
REP 1199305	QC	12	27	0.57	215	0.047	<1	1.56	0.009	0.06	0.1	0.02	2.9	<0.1	<0.05	5	<0.5	<0.2
1039770	Soil	11	32	0.63	109	0.064	1	1.84	0.012	0.09	0.1	0.03	3.3	<0.1	<0.05	6	<0.5	<0.2
REP 1039770	QC	10	30	0.60	103	0.058	<1	1.73	0.011	0.08	0.1	0.03	3.0	<0.1	<0.05	5	<0.5	<0.2
1039761	Soil	11	37	0.80	126	0.071	2	1.93	0.012	0.14	0.2	0.06	3.3	0.2	<0.05	6	1.2	<0.2
REP 1039761	QC	12	35	0.80	129	0.075	2	1.89	0.012	0.15	0.2	0.04	3.5	0.2	<0.05	6	0.8	<0.2
Reference Materials																		
STD DS8	Standard	13	122	0.54	269	0.112	3	0.85	0.081	0.41	2.9	0.18	2.2	5.4	0.16	5	5.2	5.0
STD DS8	Standard	14	121	0.55	286	0.119	3	0.93	0.083	0.42	3.2	0.20	2.1	5.4	0.18	5	5.6	4.7
STD DS8	Standard	13	120	0.64	271	0.113	3	0.93	0.087	0.42	3.0	0.21	2.1	5.5	0.20	5	5.3	5.1
STD DS8	Standard	14	122	0.67	283	0.117	2	0.92	0.092	0.42	3.2	0.23	2.2	5.6	0.17	5	5.1	5.5
STD DS8	Standard	15	117	0.55	279	0.114	2	0.94	0.089	0.44	3.1	0.19	2.3	5.5	0.15	5	5.5	4.7
STD DS8	Standard	15	118	0.53	289	0.115	2	0.91	0.082	0.42	3.0	0.22	2.4	5.6	0.16	5	4.5	5.3
STD DS8	Standard	14	111	0.63	279	0.104	3	0.93	0.089	0.41	3.0	0.20	2.1	5.2	0.15	5	5.6	4.6
STD DS8	Standard	14	111	0.58	274	0.100	3	0.83	0.079	0.42	3.1	0.20	2.2	5.4	0.14	4	5.6	4.8
STD DS8	Standard	14	116	0.61	258	0.110	2	0.87	0.081	0.41	2.7	0.20	2.2	5.5	0.15	5	4.8	5.2

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

Project: CHA
Report Date: July 31, 2011

QUALITY CONTROL REPORT WHI11000428.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8	Standard	13.3	104.1	123.2	296	1.7	36.9	7.8	608	2.46	25.6	2.6	111.7	6.5	61	2.1	5.2	6.4	43	0.67	0.075
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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

Project: CHA
Report Date: July 31, 2011

QUALITY CONTROL REPORT WHI11000428.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	15	121	0.60	257	0.112	2	0.91	0.084	0.41	2.8	0.20	2.1	5.7	0.16	5	4.6	5.3
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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1020 Cordova St. East Vancouver BC V6A 4A3 Canada

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

Submitted By: Mike Skead
Receiving Lab: Canada-Whitehorse
Received: July 04, 2011
Report Date: July 14, 2011
Page: 1 of 7

CERTIFICATE OF ANALYSIS WHI11000452.1

CLIENT JOB INFORMATION

Project: CHA
Shipment ID: CHA2011-05
P.O. Number
Number of Samples: 160

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	160	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	160	Dry at 60C			WHI
1DX2	160	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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

Project: CHA
Report Date: July 14, 2011

CERTIFICATE OF ANALYSIS WHI11000452.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1199021	Soil		1.6	67.7	5.4	145	<0.1	16.4	13.5	1283	6.44	0.7	1.4	1.0	9.6	36	0.3	0.2	0.1	81	0.68	0.200
1199020	Soil		2.0	26.6	16.3	52	<0.1	14.7	9.5	205	1.77	1.2	0.5	<0.5	4.1	11	<0.1	0.2	0.3	15	0.21	0.088
1199018	Soil		1.1	43.8	10.7	60	<0.1	22.3	9.9	191	2.32	<0.5	0.7	<0.5	11.6	4	0.1	<0.1	0.1	35	0.16	0.078
1199028	Soil		3.0	42.6	11.8	112	<0.1	25.5	14.5	647	4.43	4.0	1.1	18.3	6.4	13	0.2	0.1	0.4	53	0.28	0.107
1199022	Soil		1.4	17.0	10.5	64	0.1	8.4	5.9	375	2.61	2.5	0.8	<0.5	2.2	13	<0.1	0.3	0.1	32	0.17	0.047
1199024	Soil		1.1	44.1	12.2	146	0.2	19.1	14.3	569	5.60	1.6	1.0	7.0	2.9	14	0.5	0.2	0.2	32	0.33	0.082
1199009	Soil		0.8	51.4	7.6	77	<0.1	35.7	15.9	618	2.96	4.0	0.3	0.8	1.5	20	<0.1	0.3	0.1	57	0.19	0.031
1197898	Soil		0.9	71.7	10.0	63	<0.1	19.5	12.4	568	4.51	3.3	0.4	1.1	1.5	16	0.1	0.7	0.2	128	0.14	0.035
1197896	Soil		1.5	45.4	13.1	67	0.1	29.2	12.3	317	3.46	11.8	0.5	2.1	3.3	18	0.1	0.8	0.2	85	0.17	0.026
1197895	Soil		1.0	71.4	7.3	94	<0.1	28.9	17.8	931	4.07	5.2	0.4	2.5	2.4	26	<0.1	0.4	0.1	88	0.35	0.063
1199010	Soil		0.7	69.1	10.1	76	<0.1	33.4	14.8	617	3.41	7.4	1.2	5.7	4.2	33	<0.1	0.6	0.2	77	0.37	0.042
1197900	Soil		1.0	65.8	10.1	66	0.2	25.6	12.6	472	3.53	9.3	1.8	4.4	4.4	22	<0.1	0.5	0.2	80	0.30	0.045
1199034	Soil		1.4	22.9	11.3	51	<0.1	14.9	8.2	431	3.13	10.5	0.4	1.2	2.4	13	0.2	0.6	0.2	87	0.13	0.057
1199006	Soil		1.2	141.0	9.6	82	<0.1	22.0	16.5	995	3.99	2.2	1.1	2.1	5.5	17	<0.1	0.2	0.2	59	0.29	0.088
1197894	Soil		1.0	82.6	12.4	95	0.2	43.9	24.7	1377	4.23	1.5	0.7	6.9	5.3	67	0.2	0.2	0.1	79	1.02	0.126
1197897	Soil		0.8	86.7	10.2	74	<0.1	30.6	14.2	587	3.64	6.8	0.6	<0.5	3.9	25	<0.1	1.3	0.2	85	0.33	0.045
1199039	Soil		1.2	40.5	11.7	74	0.2	30.2	13.8	339	3.57	11.0	1.0	2.7	5.5	17	<0.1	0.6	0.2	86	0.16	0.024
1197899	Soil		1.0	50.3	10.0	60	<0.1	27.5	12.4	508	3.54	8.7	0.5	0.6	2.6	19	0.1	0.4	0.2	72	0.27	0.046
1199016	Soil		0.7	127.0	8.7	108	<0.1	31.4	18.9	1086	5.55	3.6	0.5	2.6	3.0	21	0.1	0.3	0.1	122	0.36	0.044
1199037	Soil		0.7	53.1	10.6	102	0.3	52.5	18.0	496	4.37	4.7	0.7	1.3	7.5	13	<0.1	0.4	0.1	86	0.19	0.027
1199036	Soil		1.0	33.6	8.3	63	<0.1	27.9	14.2	336	3.48	10.8	0.4	1.5	3.9	18	0.1	0.6	0.1	72	0.18	0.024
1199038	Soil		0.6	102.9	7.6	104	0.2	43.7	29.1	675	6.17	3.4	0.4	<0.5	2.2	25	0.1	0.2	<0.1	154	0.34	0.025
1199011	Soil		1.1	43.9	8.4	56	<0.1	30.2	15.5	329	3.37	6.9	0.4	3.4	3.5	22	<0.1	0.4	0.1	81	0.24	0.019
1199017	Soil		1.3	56.5	14.7	73	<0.1	26.6	10.6	225	2.67	0.9	0.7	<0.5	11.4	4	0.2	0.1	<0.1	43	0.15	0.077
1199035	Soil		1.5	42.7	24.0	80	1.0	65.1	16.4	4892	3.41	16.3	1.3	3.0	8.2	51	0.6	0.9	0.3	69	1.98	0.076
1199008	Soil		0.7	100.7	7.3	86	<0.1	22.4	15.9	1043	3.40	3.0	0.2	1.1	1.6	23	0.2	0.1	<0.1	69	0.28	0.054
1199023	Soil		1.3	33.2	13.9	150	0.1	18.1	13.7	629	5.09	3.6	1.0	2.0	3.1	15	0.3	0.2	0.2	38	0.38	0.093
1199019	Soil		3.7	42.0	15.6	73	<0.1	28.6	10.0	196	2.57	4.2	0.8	1.0	7.4	11	0.1	0.3	0.3	22	0.21	0.084
1199007	Soil		0.9	91.4	6.6	93	<0.1	38.8	18.6	638	3.72	10.0	0.4	1.3	2.8	16	<0.1	0.5	0.1	85	0.15	0.035
1199040	Soil		1.2	54.4	9.8	96	<0.1	26.0	14.8	479	4.60	7.8	0.5	<0.5	2.5	15	0.3	0.5	0.2	108	0.17	0.057

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Project: CHA
Report Date: July 14, 2011

CERTIFICATE OF ANALYSIS WHI11000452.1

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1199021	Soil	20	16	0.84	503	0.032	<1	1.99	0.013	0.21	0.2	0.02	13.5	<0.1	0.06	8	1.1	<0.2
1199020	Soil	15	13	0.31	105	0.002	<1	0.98	0.005	0.13	<0.1	0.01	0.9	<0.1	0.09	2	0.6	<0.2
1199018	Soil	20	26	0.43	109	0.063	<1	1.39	0.004	0.35	<0.1	<0.01	1.6	0.2	0.08	4	0.8	<0.2
1199028	Soil	12	22	0.27	345	0.005	<1	0.93	0.005	0.10	<0.1	<0.01	5.3	<0.1	<0.05	2	1.5	<0.2
1199022	Soil	12	18	0.28	198	0.020	<1	1.00	0.009	0.07	0.1	0.02	3.1	<0.1	0.07	4	0.7	<0.2
1199024	Soil	10	22	0.11	262	0.001	<1	0.51	0.006	0.08	<0.1	0.04	11.8	<0.1	<0.05	1	1.0	<0.2
1199009	Soil	6	40	1.52	460	0.139	<1	2.48	0.007	0.14	0.1	0.01	2.4	<0.1	<0.05	7	<0.5	<0.2
1197898	Soil	5	29	1.06	414	0.177	<1	2.48	0.010	0.23	0.2	0.02	5.5	<0.1	<0.05	10	<0.5	<0.2
1197896	Soil	9	42	0.63	335	0.089	1	2.68	0.010	0.09	0.2	0.04	3.0	0.1	<0.05	7	0.5	<0.2
1197895	Soil	6	32	1.35	479	0.172	1	2.38	0.011	0.29	0.1	0.01	3.5	0.1	<0.05	8	0.8	<0.2
1199010	Soil	15	48	1.08	400	0.126	<1	2.36	0.015	0.12	0.1	0.05	7.3	0.1	<0.05	7	0.6	<0.2
1197900	Soil	24	41	0.87	594	0.092	<1	2.58	0.013	0.09	0.1	0.08	6.9	0.1	<0.05	7	0.9	<0.2
1199034	Soil	10	33	0.53	126	0.107	<1	1.68	0.009	0.05	0.2	0.03	2.3	0.1	<0.05	9	0.6	<0.2
1199006	Soil	36	20	1.29	293	0.014	<1	2.43	0.005	0.16	<0.1	0.02	3.4	<0.1	<0.05	8	<0.5	<0.2
1197894	Soil	19	79	1.69	222	0.009	<1	2.49	0.007	0.09	<0.1	0.03	5.5	<0.1	<0.05	10	0.9	<0.2
1197897	Soil	11	34	0.80	372	0.038	<1	2.10	0.005	0.05	0.7	0.03	6.5	<0.1	<0.05	7	0.5	<0.2
1199039	Soil	19	51	0.78	272	0.124	<1	2.88	0.012	0.07	0.1	0.03	5.8	0.1	<0.05	8	<0.5	<0.2
1197899	Soil	10	35	0.88	573	0.084	1	2.17	0.011	0.19	0.1	0.02	3.8	<0.1	<0.05	7	<0.5	<0.2
1199016	Soil	11	70	1.68	531	0.060	<1	2.94	0.015	0.13	<0.1	0.02	12.6	<0.1	<0.05	8	0.7	<0.2
1199037	Soil	16	84	1.54	190	0.098	<1	2.95	0.008	0.11	0.1	0.02	5.2	0.1	<0.05	8	<0.5	<0.2
1199036	Soil	9	49	0.91	176	0.104	<1	2.42	0.011	0.08	<0.1	0.03	4.2	<0.1	<0.05	7	0.5	<0.2
1199038	Soil	10	92	2.23	133	0.032	<1	4.11	0.009	0.08	<0.1	0.02	14.7	0.1	<0.05	10	<0.5	<0.2
1199011	Soil	8	57	0.91	174	0.159	<1	2.70	0.013	0.06	<0.1	0.03	3.4	0.1	<0.05	6	<0.5	<0.2
1199017	Soil	21	32	0.46	111	0.064	<1	1.58	0.006	0.35	<0.1	0.01	2.1	0.2	<0.05	5	0.7	<0.2
1199035	Soil	64	50	0.53	695	0.020	<1	3.32	0.013	0.07	0.1	0.11	13.3	0.2	<0.05	7	1.2	0.9
1199008	Soil	4	16	2.03	382	0.148	<1	2.80	0.006	0.11	0.1	0.02	3.9	0.1	<0.05	9	<0.5	<0.2
1199023	Soil	9	23	0.13	298	0.002	<1	0.66	0.007	0.09	<0.1	0.03	12.0	<0.1	<0.05	2	0.5	<0.2
1199019	Soil	27	17	0.37	118	0.002	<1	1.15	0.005	0.13	<0.1	<0.01	1.1	<0.1	<0.05	3	0.7	<0.2
1199007	Soil	8	34	1.30	242	0.126	<1	2.92	0.010	0.09	<0.1	0.01	4.3	<0.1	<0.05	8	<0.5	<0.2
1199040	Soil	6	39	1.14	182	0.059	<1	3.36	0.011	0.07	<0.1	0.02	4.9	<0.1	<0.05	9	<0.5	<0.2

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Project: CHA
Report Date: July 14, 2011

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1199041	Soil	1.3	32.7	11.5	114	<0.1	17.5	12.7	587	4.78	4.4	0.9	<0.5	4.4	10	0.2	0.3	0.1	98	0.08	0.028
1199025	Soil	1.4	161.7	20.9	319	0.7	32.2	81.1	1200	13.69	1.7	0.6	11.3	3.2	15	1.4	<0.1	10.6	212	0.51	0.195
1039872	Soil	0.9	60.9	7.1	144	<0.1	68.7	17.5	622	5.44	0.8	0.6	<0.5	5.3	24	<0.1	<0.1	0.1	72	0.43	0.041
1039875	Soil	0.3	30.7	13.2	46	<0.1	58.5	15.8	674	2.87	1.7	1.0	<0.5	4.4	28	<0.1	0.1	<0.1	78	0.78	0.101
1039871	Soil	1.1	53.2	29.4	133	<0.1	56.0	21.1	685	6.42	3.6	0.8	<0.5	11.2	20	<0.1	0.2	<0.1	88	0.38	0.074
1039873	Soil	2.2	70.1	19.7	61	0.1	50.2	23.2	598	3.95	5.5	0.9	2.2	7.8	16	0.1	0.2	0.2	49	0.36	0.067
1039874	Soil	1.0	20.6	10.6	117	<0.1	84.9	20.3	330	3.77	3.5	0.5	2.8	6.9	24	0.2	0.2	0.1	65	0.34	0.062
1039870	Soil	0.6	36.9	7.5	107	<0.1	43.8	18.4	596	4.74	1.0	1.0	0.9	11.7	25	<0.1	0.1	<0.1	53	0.39	0.043
1039866	Soil	0.2	51.6	19.4	135	<0.1	53.4	20.6	825	4.43	2.3	0.7	<0.5	10.3	40	<0.1	<0.1	0.2	52	0.69	0.044
1039868	Soil	0.5	18.4	5.3	104	<0.1	137.1	27.1	404	4.68	2.6	1.0	<0.5	11.8	13	<0.1	<0.1	<0.1	53	0.25	0.072
1039865	Soil	0.6	51.6	9.6	70	<0.1	42.1	18.9	434	4.63	2.4	0.6	<0.5	12.7	13	<0.1	0.2	0.1	44	0.19	0.040
1039869	Soil	0.7	32.0	7.5	95	<0.1	57.6	20.4	669	5.14	4.9	1.4	0.8	26.0	14	<0.1	0.1	<0.1	65	0.27	0.096
1039861	Soil	0.9	20.4	12.7	78	0.1	22.1	16.4	330	3.30	4.9	0.3	2.7	2.7	11	0.1	0.4	0.2	76	0.12	0.027
1039859	Soil	0.7	42.5	11.4	84	<0.1	44.0	14.5	464	4.06	1.7	1.3	1.2	10.8	17	<0.1	<0.1	<0.1	57	0.29	0.050
1039864	Soil	0.5	25.3	5.6	51	<0.1	32.3	14.0	351	3.42	4.9	1.5	1.5	18.5	6	<0.1	0.1	<0.1	32	0.07	0.030
1039867	Soil	1.8	81.4	36.5	93	<0.1	57.4	17.3	465	3.76	5.4	1.0	0.7	6.6	23	<0.1	0.2	0.2	79	0.40	0.062
1039862	Soil	0.5	60.8	5.4	70	<0.1	32.0	27.7	558	4.86	3.1	0.2	0.8	1.6	15	<0.1	0.1	<0.1	117	0.27	0.025
1039860	Soil	0.2	33.0	5.5	75	<0.1	36.4	19.9	486	3.20	0.8	0.3	<0.5	1.6	18	<0.1	<0.1	<0.1	81	0.40	0.032
1039863	Soil	0.2	82.6	3.1	73	<0.1	11.0	16.7	471	4.69	2.4	0.2	<0.5	2.2	13	<0.1	0.1	<0.1	124	0.24	0.046
1039852	Soil	0.7	19.3	13.0	64	<0.1	25.3	11.4	353	3.10	7.6	0.5	2.1	6.7	19	0.1	0.5	0.2	59	0.22	0.025
1039877	Soil	0.3	33.4	10.1	120	<0.1	222.4	38.4	1084	6.62	2.3	0.8	0.7	6.1	37	<0.1	0.1	0.1	90	0.81	0.197
1039883	Soil	0.8	49.4	12.9	85	<0.1	93.3	23.8	418	4.96	3.8	0.9	0.9	13.8	26	<0.1	0.2	0.1	74	0.47	0.084
1039851	Soil	0.6	33.3	13.6	80	<0.1	36.0	13.3	318	3.76	4.4	0.6	2.1	14.2	20	<0.1	0.3	<0.1	47	0.15	0.011
1039853	Soil	0.5	47.9	14.1	93	<0.1	95.3	22.6	675	2.45	5.0	0.8	1.9	4.9	22	<0.1	0.2	0.1	55	0.46	0.046
1039876	Soil	0.6	39.4	6.0	64	<0.1	34.3	15.6	345	3.10	2.3	0.8	<0.5	13.3	13	<0.1	0.1	<0.1	31	0.23	0.026
1039880	Soil	1.0	18.8	12.2	77	<0.1	36.7	12.9	334	3.18	3.2	0.8	0.8	8.4	24	<0.1	0.3	0.2	45	0.32	0.052
1039856	Soil	0.7	25.1	11.2	66	<0.1	31.6	13.3	642	3.42	2.8	0.7	0.8	11.3	20	<0.1	0.2	<0.1	45	0.27	0.038
1039855	Soil	0.8	30.4	13.5	59	0.1	35.7	13.3	439	3.26	4.2	0.8	0.8	8.0	30	<0.1	0.3	0.2	58	0.39	0.025
1039878	Soil	0.9	30.2	12.3	41	0.5	28.0	11.5	437	2.18	4.8	0.7	2.7	1.4	1142	0.2	0.1	0.1	17	20.56	0.091
1039881	Soil	1.3	34.0	16.2	63	<0.1	38.6	14.8	383	3.56	3.2	1.2	0.5	12.9	21	<0.1	0.2	0.1	42	0.32	0.069

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1199041	Soil	10	34	1.18	221	0.175	<1	2.54	0.007	0.50	<0.1	0.01	5.1	0.3	<0.05	10	<0.5	<0.2
1199025	Soil	9	253	4.80	629	0.030	<1	4.79	0.004	0.17	<0.1	0.02	31.5	<0.1	<0.05	30	8.2	7.0
1039872	Soil	10	143	2.52	89	0.243	<1	3.52	0.011	1.44	<0.1	0.01	2.9	0.8	<0.05	9	0.6	<0.2
1039875	Soil	18	56	1.56	40	0.029	<1	1.56	0.003	0.03	<0.1	0.01	7.7	<0.1	<0.05	6	<0.5	<0.2
1039871	Soil	15	71	1.39	93	0.300	<1	3.37	0.006	0.90	<0.1	0.01	4.0	0.5	<0.05	11	<0.5	<0.2
1039873	Soil	9	46	0.96	53	0.067	1	2.01	0.007	0.22	0.7	<0.01	2.7	<0.1	<0.05	6	<0.5	<0.2
1039874	Soil	22	198	1.47	131	0.148	1	2.72	0.007	0.24	<0.1	<0.01	3.1	0.2	<0.05	8	<0.5	<0.2
1039870	Soil	34	59	1.33	99	0.202	1	2.54	0.007	0.95	<0.1	<0.01	3.4	0.5	<0.05	8	0.8	<0.2
1039866	Soil	20	60	1.99	65	0.186	1	2.84	0.006	0.72	0.1	<0.01	3.8	0.3	<0.05	8	<0.5	<0.2
1039868	Soil	22	113	1.65	88	0.238	1	2.82	0.006	1.17	<0.1	<0.01	2.9	0.7	<0.05	9	<0.5	<0.2
1039865	Soil	33	42	0.74	237	0.059	1	2.10	0.005	0.40	<0.1	<0.01	3.3	0.3	<0.05	7	0.6	<0.2
1039869	Soil	25	57	0.99	114	0.220	<1	2.57	0.008	0.75	<0.1	<0.01	4.0	0.3	<0.05	8	<0.5	<0.2
1039861	Soil	6	39	0.72	141	0.105	<1	2.41	0.006	0.07	<0.1	0.02	2.0	<0.1	<0.05	6	0.7	<0.2
1039859	Soil	30	60	1.02	127	0.127	<1	2.10	0.004	0.13	<0.1	<0.01	2.4	<0.1	<0.05	7	<0.5	<0.2
1039864	Soil	35	32	0.41	315	0.063	<1	1.61	0.005	0.36	<0.1	<0.01	2.3	0.2	<0.05	5	<0.5	<0.2
1039867	Soil	13	51	1.05	114	0.091	<1	1.74	0.006	0.13	0.1	0.01	2.8	<0.1	<0.05	7	<0.5	<0.2
1039862	Soil	2	48	1.75	93	0.187	<1	3.34	0.006	0.07	<0.1	<0.01	4.5	<0.1	<0.05	10	<0.5	<0.2
1039860	Soil	7	93	1.73	188	0.183	<1	2.14	0.013	0.35	<0.1	<0.01	3.9	0.3	<0.05	5	<0.5	<0.2
1039863	Soil	3	17	1.58	191	0.284	<1	2.92	0.007	0.71	<0.1	<0.01	2.2	0.2	<0.05	8	0.8	<0.2
1039852	Soil	10	40	0.75	197	0.108	<1	2.25	0.008	0.16	<0.1	<0.01	2.4	0.2	<0.05	6	0.8	<0.2
1039877	Soil	26	268	3.05	186	0.147	<1	4.13	0.009	0.55	<0.1	<0.01	8.3	0.4	<0.05	15	<0.5	<0.2
1039883	Soil	26	110	1.59	162	0.170	<1	2.96	0.007	0.67	<0.1	<0.01	4.7	0.4	<0.05	10	<0.5	<0.2
1039851	Soil	35	49	1.08	111	0.161	<1	2.53	0.006	0.34	<0.1	0.01	2.5	0.4	<0.05	6	<0.5	<0.2
1039853	Soil	13	50	1.15	1025	0.133	<1	2.01	0.007	0.34	0.1	<0.01	3.9	0.2	<0.05	6	<0.5	<0.2
1039876	Soil	19	31	0.56	76	0.075	<1	1.47	0.005	0.20	<0.1	<0.01	1.5	<0.1	<0.05	5	<0.5	<0.2
1039880	Soil	29	45	0.92	158	0.028	<1	1.98	0.007	0.14	<0.1	<0.01	2.1	<0.1	<0.05	6	<0.5	<0.2
1039856	Soil	14	52	0.81	186	0.167	<1	2.07	0.007	0.50	<0.1	<0.01	1.5	0.2	<0.05	6	<0.5	<0.2
1039855	Soil	21	63	0.78	229	0.050	<1	2.13	0.008	0.07	<0.1	0.02	3.0	0.1	<0.05	6	<0.5	<0.2
1039878	Soil	8	13	0.37	95	0.022	2	0.65	0.006	0.05	<0.1	0.03	2.7	<0.1	<0.05	2	<0.5	<0.2
1039881	Soil	36	60	0.93	150	0.023	<1	1.93	0.005	0.25	<0.1	<0.01	2.5	<0.1	<0.05	6	<0.5	<0.2

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

Project: CHA
Report Date: July 14, 2011

CERTIFICATE OF ANALYSIS WHI11000452.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1039858	Soil		1.1	19.2	11.1	59	0.2	25.6	15.0	586	3.19	6.5	0.6	1.4	5.1	17	<0.1	0.4	0.2	67	0.16	0.045
1039854	Soil		1.2	48.6	16.3	80	0.1	65.8	19.7	606	3.03	8.4	1.1	2.6	5.7	24	<0.1	0.6	0.1	73	0.28	0.022
1039857	Soil		0.5	26.8	8.8	118	0.1	56.6	16.3	496	4.08	2.2	0.3	<0.5	5.3	23	<0.1	0.1	<0.1	43	0.53	0.112
1039882	Soil		1.3	34.1	16.9	64	<0.1	36.3	14.9	354	3.65	3.0	1.2	<0.5	13.3	20	<0.1	0.2	0.1	42	0.32	0.072
1039879	Soil		1.1	24.4	17.9	83	<0.1	36.7	16.4	976	3.04	2.9	0.7	1.4	7.8	70	0.1	0.1	0.4	42	2.69	0.063
1004999	Soil		2.5	33.3	11.1	97	0.1	33.2	12.2	384	2.83	14.1	1.1	4.2	4.4	17	0.2	0.4	0.1	54	0.14	0.034
1005000	Soil		1.9	34.1	9.4	105	<0.1	35.4	8.8	273	2.75	10.7	1.1	2.8	4.8	12	0.3	0.4	0.1	56	0.08	0.023
1004998	Soil		4.4	39.2	9.5	106	0.1	37.4	10.6	371	3.40	8.2	1.8	2.5	6.7	32	0.3	0.6	0.2	65	0.18	0.056
1004997	Soil		1.6	25.4	9.6	71	<0.1	26.3	7.8	300	2.60	6.1	1.1	2.0	4.5	22	0.2	0.3	0.2	62	0.17	0.036
1004994	Soil		4.4	83.1	13.9	225	0.1	50.8	10.6	322	3.36	8.8	2.1	1.6	5.7	34	0.6	0.6	0.2	111	0.27	0.145
1194206	Soil		7.7	74.9	17.9	290	0.2	63.9	9.2	317	2.30	23.7	5.1	0.8	2.5	42	1.4	2.1	0.1	118	0.64	0.339
1194210	Soil		2.0	25.4	13.4	80	<0.1	24.6	7.9	221	2.95	12.4	0.9	2.6	4.5	18	0.2	0.4	0.2	61	0.12	0.025
1004996	Soil		7.0	73.2	15.7	153	0.5	30.1	6.4	221	3.28	6.1	2.4	1.9	6.2	34	0.8	0.3	0.3	78	0.20	0.081
1004993	Soil		4.0	89.7	13.3	227	<0.1	52.4	11.8	303	3.22	11.7	3.2	3.7	6.3	41	0.4	0.9	0.2	107	0.49	0.175
1194207	Soil		1.4	45.1	12.8	86	0.2	33.8	11.7	297	3.11	13.7	3.8	4.2	6.1	22	0.5	0.8	0.2	66	0.17	0.031
1194211	Soil		1.9	44.2	11.4	98	<0.1	32.4	11.1	367	3.11	27.5	1.9	2.0	5.8	24	0.3	0.7	0.2	66	0.20	0.035
1004995	Soil		8.8	92.5	16.3	152	0.3	36.1	7.8	180	2.69	11.7	3.0	2.2	9.5	41	0.5	0.8	0.9	77	0.15	0.084
1194208	Soil		1.4	19.8	12.4	85	<0.1	22.1	8.6	249	3.08	8.8	0.8	1.7	5.4	16	0.2	0.5	0.2	62	0.11	0.018
1194209	Soil		1.2	27.1	12.9	114	<0.1	26.9	10.8	332	3.19	6.6	1.3	1.5	6.4	16	0.2	0.5	0.2	53	0.16	0.045
1194212	Soil		2.0	41.3	12.1	126	<0.1	43.6	21.1	763	3.12	25.8	1.6	<0.5	4.2	12	0.3	0.6	0.2	72	0.12	0.063
1194213	Soil		3.1	47.9	10.8	153	<0.1	41.4	8.7	241	3.53	33.8	2.1	1.2	5.2	16	0.4	0.7	0.2	106	0.08	0.041
1194214	Soil		2.5	39.0	11.3	104	0.2	38.1	9.0	247	3.05	20.6	1.9	1.5	6.4	16	0.4	0.5	0.2	64	0.12	0.034
1194225	Soil		1.7	19.9	10.1	71	0.1	18.2	7.7	263	2.23	9.2	1.0	3.1	2.0	29	0.2	0.4	0.2	57	0.32	0.056
1042851	Soil		0.4	28.8	6.6	78	<0.1	16.1	7.6	353	3.67	2.9	0.6	<0.5	3.3	18	<0.1	0.2	0.1	64	0.20	0.041
1194219	Soil		2.3	49.1	10.5	90	<0.1	35.0	9.3	310	2.91	13.6	2.4	7.3	5.9	29	0.4	0.6	0.2	64	0.29	0.052
1194218	Soil		3.3	40.9	10.5	92	0.2	31.3	10.1	371	2.79	13.8	2.1	2.1	4.0	21	0.6	0.5	0.2	68	0.17	0.053
1194224	Soil		1.1	26.3	10.8	66	0.1	23.0	11.9	472	2.79	11.4	1.0	1.9	2.9	35	0.3	0.5	0.2	57	0.40	0.058
1199401	Soil		0.7	48.9	8.6	89	0.3	57.7	14.2	444	3.83	2.7	0.8	2.5	4.9	22	<0.1	0.2	0.1	85	0.38	0.050
1194221	Soil		3.2	79.3	12.7	180	0.6	75.1	15.7	1084	3.70	17.9	3.4	3.9	6.3	40	0.8	0.7	0.2	97	0.48	0.111
1194215	Soil		2.2	51.1	10.5	93	<0.1	36.8	10.7	317	3.20	17.5	2.7	0.5	7.3	27	0.2	0.6	0.2	67	0.24	0.056

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Project: CHA
Report Date: July 14, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1039858	Soil	10	38	0.53	199	0.070	<1	2.14	0.008	0.12	0.1	0.02	2.2	<0.1	<0.05	7	0.5	<0.2
1039854	Soil	24	56	0.87	404	0.124	<1	2.43	0.009	0.09	0.2	0.03	7.5	0.2	<0.05	8	1.2	<0.2
1039857	Soil	6	43	1.36	134	0.158	2	2.38	0.006	0.83	<0.1	<0.01	1.3	0.5	<0.05	7	<0.5	<0.2
1039882	Soil	38	62	0.96	143	0.023	<1	1.98	0.003	0.24	<0.1	0.01	2.7	0.1	<0.05	6	<0.5	<0.2
1039879	Soil	23	41	0.73	110	0.024	<1	1.85	0.006	0.17	<0.1	<0.01	3.6	<0.1	<0.05	6	<0.5	<0.2
1004999	Soil	13	33	0.68	149	0.050	<1	1.70	0.007	0.07	<0.1	<0.01	2.8	<0.1	<0.05	5	<0.5	<0.2
1005000	Soil	16	35	0.68	125	0.055	<1	1.84	0.005	0.08	<0.1	0.03	2.6	0.1	<0.05	6	1.0	<0.2
1004998	Soil	22	48	1.03	234	0.068	<1	1.96	0.009	0.17	<0.1	0.01	3.2	0.2	<0.05	6	0.9	<0.2
1004997	Soil	15	45	0.82	197	0.074	<1	1.80	0.008	0.09	<0.1	0.02	3.2	<0.1	<0.05	6	0.8	<0.2
1004994	Soil	22	40	0.69	162	0.036	<1	1.82	0.006	0.09	<0.1	0.02	3.3	<0.1	<0.05	5	1.8	<0.2
1194206	Soil	17	25	0.33	128	0.017	1	1.08	0.005	0.05	0.1	<0.01	2.4	0.1	<0.05	4	3.1	<0.2
1194210	Soil	15	38	0.64	144	0.055	<1	1.73	0.008	0.06	<0.1	0.02	2.5	<0.1	<0.05	5	1.0	<0.2
1004996	Soil	25	35	0.91	206	0.054	<1	1.62	0.012	0.19	<0.1	<0.01	3.1	0.2	0.17	5	2.3	<0.2
1004993	Soil	23	41	0.63	279	0.045	<1	1.69	0.007	0.06	0.1	0.03	6.3	<0.1	<0.05	5	1.8	<0.2
1194207	Soil	20	38	0.53	212	0.051	<1	2.32	0.009	0.05	0.1	0.05	6.1	<0.1	<0.05	5	0.8	<0.2
1194211	Soil	18	36	0.67	313	0.052	<1	1.81	0.009	0.06	<0.1	0.02	5.0	0.1	<0.05	5	1.0	<0.2
1004995	Soil	33	29	0.60	172	0.040	<1	1.35	0.008	0.10	<0.1	<0.01	2.9	0.1	0.12	4	2.1	<0.2
1194208	Soil	16	34	0.65	176	0.048	<1	2.03	0.007	0.05	<0.1	<0.01	3.4	0.1	<0.05	6	0.9	<0.2
1194209	Soil	20	33	1.01	207	0.098	<1	2.05	0.008	0.13	<0.1	<0.01	3.1	0.1	<0.05	6	0.7	<0.2
1194212	Soil	17	39	0.78	146	0.043	<1	1.89	0.005	0.07	<0.1	0.02	2.7	0.1	<0.05	6	0.5	<0.2
1194213	Soil	18	40	0.82	179	0.038	<1	1.99	0.006	0.06	0.2	<0.01	2.8	<0.1	<0.05	7	0.8	<0.2
1194214	Soil	21	38	0.77	179	0.063	<1	1.83	0.006	0.08	0.2	0.02	2.7	<0.1	<0.05	6	0.7	<0.2
1194225	Soil	11	26	0.53	207	0.052	<1	1.54	0.013	0.05	0.3	0.04	2.7	<0.1	<0.05	5	1.6	<0.2
1042851	Soil	10	78	1.60	139	0.010	<1	2.63	0.006	0.07	<0.1	<0.01	8.2	<0.1	<0.05	8	<0.5	<0.2
1194219	Soil	18	41	0.65	282	0.076	<1	1.70	0.011	0.06	0.2	0.02	4.7	<0.1	<0.05	5	0.7	<0.2
1194218	Soil	16	35	0.54	184	0.059	<1	1.70	0.007	0.06	0.2	0.02	3.0	<0.1	<0.05	5	0.9	<0.2
1194224	Soil	13	29	0.51	298	0.061	1	1.72	0.017	0.05	0.2	0.04	3.1	<0.1	<0.05	5	0.6	<0.2
1199401	Soil	22	84	1.37	211	0.102	<1	2.34	0.008	0.14	<0.1	0.02	4.4	0.1	<0.05	7	<0.5	<0.2
1194221	Soil	22	46	1.64	298	0.071	<1	2.55	0.013	0.08	0.4	0.05	6.4	0.2	<0.05	7	1.1	<0.2
1194215	Soil	23	41	0.89	267	0.093	<1	1.95	0.011	0.11	0.1	<0.01	4.5	0.1	<0.05	6	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1194222	Soil		4.1	52.0	13.4	119	0.6	36.9	11.5	396	3.48	22.1	3.4	1.3	4.8	36	0.7	0.6	0.3	76	0.34	0.070
1039785	Soil		0.3	68.8	10.9	78	<0.1	32.8	14.6	673	4.08	2.1	0.5	<0.5	5.7	13	<0.1	0.2	0.2	88	0.33	0.084
1194220	Soil		3.9	101.1	33.7	261	1.7	118.1	23.2	2729	5.44	25.5	2.7	6.6	8.0	32	2.1	0.8	0.3	135	0.83	0.275
1194216	Soil		2.2	36.1	11.6	80	0.2	30.9	9.2	277	2.86	12.5	1.7	6.2	4.0	22	0.4	0.5	0.2	63	0.19	0.039
1194217	Soil		2.4	38.5	11.7	87	0.1	33.4	10.7	329	3.26	15.0	2.5	5.5	7.1	24	0.2	0.6	0.2	69	0.21	0.035
1194223	Soil		1.5	27.4	10.3	66	0.2	23.8	11.7	750	3.02	15.5	1.3	5.5	2.9	38	0.2	0.5	0.2	58	0.42	0.075
1037636	Soil		1.3	50.7	13.4	209	<0.1	24.8	7.4	174	3.54	17.3	2.0	0.5	10.4	6	0.3	1.2	0.3	40	0.04	0.034
1199403	Soil		0.6	41.5	16.0	87	0.3	39.6	14.8	643	3.39	6.5	1.6	3.3	8.1	27	0.3	0.5	0.2	54	0.68	0.048
1039787	Soil		1.1	42.0	17.4	77	<0.1	46.2	21.4	670	4.85	7.4	0.7	<0.5	3.3	13	0.2	0.3	0.2	137	0.26	0.032
1199404	Soil		0.7	31.9	21.0	92	<0.1	37.6	17.0	507	3.76	3.7	0.9	1.2	9.7	14	0.2	0.3	0.1	52	0.16	0.044
1039786	Soil		0.9	45.4	11.3	84	<0.1	37.7	15.2	479	4.27	4.7	0.4	0.6	3.4	8	0.2	0.2	0.2	112	0.07	0.027
1199402	Soil		0.9	28.4	11.2	59	0.1	26.3	12.9	425	2.99	5.4	0.7	1.1	3.8	21	<0.1	0.3	0.1	65	0.28	0.032
1199419	Soil		0.8	45.6	14.4	87	<0.1	71.2	17.1	534	4.36	3.5	0.9	0.6	13.0	18	0.1	0.2	0.2	60	0.38	0.052
1199418	Soil		0.9	48.6	7.6	67	0.1	32.1	12.7	340	3.42	4.6	0.8	<0.5	4.8	15	<0.1	0.2	0.1	64	0.25	0.022
1039788	Soil		0.9	18.9	7.8	66	0.1	24.1	14.2	852	3.00	7.3	0.5	<0.5	3.6	23	<0.1	0.4	0.1	68	0.27	0.045
1199406	Soil		0.9	27.1	19.1	82	<0.1	31.3	11.2	328	3.05	9.3	1.1	3.9	8.1	19	0.1	0.5	0.2	55	0.22	0.022
1199405	Soil		0.6	32.3	18.9	94	<0.1	35.2	14.2	298	3.60	4.7	0.9	<0.5	13.7	16	<0.1	0.4	0.1	52	0.17	0.024
1199422	Soil		5.4	53.8	100.8	52	1.2	21.3	6.5	208	2.90	21.3	2.7	7.5	6.6	30	0.3	0.8	0.3	66	0.15	0.057
1037635	Soil		1.5	47.2	15.2	219	<0.1	21.5	5.9	151	3.23	19.3	1.9	<0.5	9.6	6	0.5	1.5	0.3	42	0.04	0.034
1039789	Soil		1.1	13.0	11.4	35	<0.1	21.0	7.2	428	2.40	4.8	0.3	3.1	0.7	13	<0.1	0.3	0.2	77	0.13	0.069
1042852	Soil		0.9	60.1	10.0	71	<0.1	20.4	11.5	332	3.91	16.9	0.8	<0.5	4.6	9	<0.1	0.5	0.2	67	0.09	0.037
1199423	Soil		4.5	27.1	17.2	76	1.3	22.9	9.4	186	2.91	12.9	0.8	<0.5	3.3	22	0.5	0.7	0.3	88	0.15	0.067
1199417	Soil		0.3	45.7	3.5	69	<0.1	14.5	17.3	458	3.77	2.8	0.3	<0.5	2.4	19	<0.1	0.1	<0.1	80	0.34	0.052
1199416	Soil		0.8	36.4	11.5	69	0.1	47.7	19.3	662	3.75	7.3	0.9	<0.5	6.9	24	<0.1	0.4	0.1	69	0.29	0.047
1199414	Soil		1.0	25.9	11.4	64	0.2	30.7	11.4	442	2.98	6.6	1.2	1.6	8.6	26	<0.1	0.4	0.2	58	0.43	0.046
1199415	Soil		0.7	45.6	9.7	90	0.1	43.1	14.8	316	4.62	4.7	0.8	11.6	12.3	15	<0.1	0.3	0.1	67	0.18	0.042
1199421	Soil		1.1	43.9	20.4	64	0.1	19.0	5.6	174	2.69	2.9	1.5	<0.5	13.1	13	0.2	0.2	0.3	38	0.07	0.026
1199413	Soil		0.6	13.5	22.6	46	<0.1	15.3	7.1	263	1.87	3.9	0.7	<0.5	4.5	21	<0.1	0.2	0.1	44	0.25	0.022
1199412	Soil		0.6	13.8	11.2	51	<0.1	16.6	11.3	288	2.44	2.2	0.3	1.6	2.4	23	0.1	0.2	0.1	55	0.31	0.033
1199411	Soil		1.1	17.8	17.8	64	0.1	24.3	8.2	278	2.79	9.3	0.5	0.7	5.2	15	0.2	0.6	0.2	70	0.14	0.023

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Project: CHA
Report Date: July 14, 2011

CERTIFICATE OF ANALYSIS WHI11000452.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1194222	Soil		18	44	0.77	288	0.063	<1	2.29	0.012	0.07	0.3	0.06	4.5	<0.1	<0.05	7	1.9	<0.2
1039785	Soil		21	51	1.56	347	0.094	<1	2.72	0.004	0.21	<0.1	<0.01	7.4	<0.1	<0.05	9	<0.5	<0.2
1194220	Soil		21	73	3.49	517	0.059	1	4.57	0.010	0.13	0.7	0.09	11.7	0.4	<0.05	12	<0.5	<0.2
1194216	Soil		17	34	0.56	222	0.075	<1	1.82	0.010	0.06	0.1	0.03	3.3	<0.1	<0.05	6	0.6	<0.2
1194217	Soil		21	39	0.69	239	0.076	<1	2.19	0.009	0.07	0.2	0.03	4.2	<0.1	<0.05	6	0.9	<0.2
1194223	Soil		13	29	0.49	337	0.052	<1	1.64	0.015	0.05	0.1	0.06	3.7	<0.1	<0.05	5	1.0	<0.2
1037636	Soil		32	31	0.87	99	0.010	<1	1.92	0.004	0.13	<0.1	<0.01	3.1	0.1	<0.05	6	<0.5	<0.2
1199403	Soil		28	44	0.69	404	0.051	<1	1.95	0.013	0.09	0.1	0.05	5.0	0.1	<0.05	6	<0.5	<0.2
1039787	Soil		8	73	1.79	175	0.236	<1	3.16	0.007	0.07	0.2	0.02	5.4	<0.1	<0.05	13	<0.5	<0.2
1199404	Soil		28	47	0.89	143	0.101	<1	2.00	0.006	0.33	<0.1	0.01	2.9	0.2	<0.05	6	<0.5	<0.2
1039786	Soil		15	61	1.41	205	0.105	<1	2.89	0.006	0.21	<0.1	<0.01	5.7	<0.1	<0.05	12	<0.5	<0.2
1199402	Soil		12	76	0.89	215	0.079	<1	2.18	0.012	0.07	0.1	0.02	4.3	<0.1	<0.05	7	0.7	<0.2
1199419	Soil		19	81	1.51	309	0.058	<1	2.60	0.004	0.25	<0.1	0.02	4.7	0.2	<0.05	8	<0.5	<0.2
1199418	Soil		12	58	1.04	95	0.111	<1	1.94	0.013	0.27	<0.1	<0.01	3.9	0.2	<0.05	5	<0.5	<0.2
1039788	Soil		8	37	0.80	211	0.107	<1	1.93	0.009	0.10	0.1	0.03	2.4	<0.1	<0.05	6	<0.5	<0.2
1199406	Soil		20	44	0.69	190	0.081	1	1.87	0.009	0.12	<0.1	<0.01	3.4	0.1	<0.05	5	0.7	<0.2
1199405	Soil		34	52	0.95	160	0.135	<1	2.38	0.008	0.33	0.1	0.02	2.7	0.3	<0.05	6	<0.5	<0.2
1199422	Soil		18	35	0.41	605	0.030	1	1.44	0.011	0.18	0.2	0.02	2.6	0.2	0.26	5	3.3	<0.2
1037635	Soil		31	29	0.76	91	0.012	<1	1.88	0.003	0.11	<0.1	<0.01	2.4	0.1	<0.05	6	<0.5	<0.2
1039789	Soil		8	66	0.48	69	0.065	<1	1.16	0.008	0.05	<0.1	0.01	1.8	<0.1	<0.05	8	<0.5	<0.2
1042852	Soil		13	36	0.90	179	0.003	<1	2.75	0.004	0.11	<0.1	<0.01	6.4	<0.1	<0.05	6	0.5	<0.2
1199423	Soil		11	35	0.38	486	0.047	<1	2.02	0.009	0.07	0.2	0.03	2.4	<0.1	<0.05	6	2.2	<0.2
1199417	Soil		4	22	1.35	162	0.175	<1	2.44	0.012	0.54	<0.1	<0.01	2.6	0.2	<0.05	6	<0.5	<0.2
1199416	Soil		15	60	1.13	227	0.137	<1	2.72	0.010	0.45	0.1	<0.01	3.7	0.3	<0.05	7	0.8	<0.2
1199414	Soil		21	43	0.65	199	0.090	1	1.82	0.014	0.20	0.1	0.01	3.8	0.1	<0.05	5	<0.5	<0.2
1199415	Soil		10	60	1.30	100	0.155	<1	2.85	0.007	0.52	<0.1	0.02	3.0	0.4	<0.05	10	<0.5	<0.2
1199421	Soil		25	24	0.45	132	0.008	<1	1.58	0.005	0.08	<0.1	0.01	1.4	<0.1	<0.05	6	0.7	<0.2
1199413	Soil		15	28	0.58	140	0.071	<1	1.33	0.007	0.14	<0.1	<0.01	1.9	0.1	<0.05	4	0.6	<0.2
1199412	Soil		8	35	0.75	140	0.056	<1	1.68	0.011	0.15	<0.1	<0.01	2.3	<0.1	<0.05	5	<0.5	<0.2
1199411	Soil		12	37	0.50	195	0.055	<1	2.26	0.009	0.07	0.1	0.01	2.5	0.1	<0.05	6	0.5	<0.2

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Project: CHA
Report Date: July 14, 2011

CERTIFICATE OF ANALYSIS WHI11000452.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1199420	Soil	2.9	64.5	16.3	483	1.1	100.2	11.5	4036	3.46	20.6	1.8	2.0	5.8	31	1.9	0.7	0.2	150	0.78	0.270
1199408	Soil	0.9	30.8	19.6	97	<0.1	38.8	12.0	397	4.69	5.7	0.6	<0.5	10.9	10	<0.1	0.4	0.1	72	0.12	0.053
1199409	Soil	0.9	30.3	25.4	97	<0.1	38.4	14.3	309	5.01	8.8	0.8	<0.5	8.9	13	0.1	0.4	0.1	72	0.12	0.031
1199410	Soil	0.3	26.4	20.7	148	<0.1	46.8	16.8	134	4.08	4.5	0.5	0.7	4.9	17	0.1	0.2	<0.1	78	0.26	0.030
1199407	Soil	0.7	33.4	16.0	97	<0.1	76.4	15.3	351	3.41	10.2	1.6	1.2	10.6	21	0.1	0.7	0.2	67	0.23	0.033
1061531	Soil	1.3	74.0	12.5	154	0.6	8.6	6.9	215	2.57	2.8	0.4	0.7	2.2	10	0.2	0.2	0.2	63	0.11	0.020
1061525	Soil	1.5	19.7	8.3	64	<0.1	9.2	6.5	259	3.51	9.4	0.5	0.7	5.7	8	<0.1	0.1	0.2	66	0.05	0.029
1061532	Soil	0.5	11.3	5.9	46	<0.1	11.5	8.9	229	2.84	3.8	0.5	<0.5	4.2	14	<0.1	0.2	<0.1	55	0.16	0.018
1061535	Soil	1.0	20.9	10.2	28	<0.1	8.2	3.9	250	1.75	4.5	0.6	1.3	3.1	12	0.2	0.3	0.5	49	0.08	0.038
1061530	Soil	0.9	32.1	8.1	92	0.1	13.6	14.1	740	3.54	5.7	0.4	<0.5	1.9	19	0.1	0.3	0.2	89	0.22	0.061
1061526	Soil	1.9	31.3	7.4	72	<0.1	19.5	11.8	490	3.54	6.1	0.8	0.7	5.4	17	<0.1	0.3	0.1	75	0.21	0.027
1061523	Soil	1.1	13.9	5.7	56	<0.1	6.1	9.0	718	3.39	1.8	0.5	<0.5	1.3	9	<0.1	<0.1	0.1	75	0.10	0.045
1061529	Soil	0.7	38.9	6.5	73	<0.1	17.0	14.3	606	3.43	5.1	0.3	1.4	2.3	19	0.1	0.4	<0.1	97	0.21	0.027
1061533	Soil	0.9	46.9	12.6	49	<0.1	19.8	7.8	262	2.69	7.1	0.8	2.0	5.4	19	<0.1	0.5	0.2	62	0.16	0.021
1061534	Soil	0.8	13.3	16.6	54	<0.1	15.6	5.5	242	2.30	7.0	0.5	0.9	3.3	16	0.1	0.3	0.2	54	0.13	0.018
1061524	Soil	0.9	20.4	6.5	55	<0.1	10.9	10.0	444	3.88	6.0	0.3	0.5	2.6	11	0.2	0.3	0.1	116	0.10	0.048
1061527	Soil	0.5	60.7	2.9	70	<0.1	23.3	23.8	1056	4.94	2.1	0.2	<0.5	1.0	23	<0.1	0.1	<0.1	147	0.51	0.074
1061528	Soil	0.9	38.7	7.5	86	<0.1	16.7	17.7	547	4.90	6.6	0.3	0.6	2.0	14	<0.1	0.4	0.1	141	0.36	0.128
1198642	Soil	1.6	37.1	11.2	91	0.2	34.1	11.0	291	3.10	11.0	1.5	<0.5	7.7	27	0.2	0.7	0.2	67	0.20	0.035
1061550	Soil	3.0	18.2	5.7	40	0.2	10.4	3.4	71	1.44	16.8	0.6	0.7	<0.1	11	0.3	0.6	0.1	58	0.05	0.049
1199027	Soil	4.3	67.9	11.8	115	0.1	24.1	4.5	113	3.81	27.6	2.1	1.0	4.2	28	0.4	1.6	0.4	64	0.05	0.068
1099026	Soil	4.5	70.6	12.1	122	<0.1	24.8	4.9	113	3.76	27.6	2.4	<0.5	5.4	28	0.5	1.4	0.4	62	0.05	0.066
1061549	Soil	1.1	20.1	10.7	46	<0.1	22.4	10.7	287	2.98	10.7	0.8	0.9	3.6	14	0.2	0.5	0.2	68	0.14	0.031
1198643	Soil	2.0	35.0	11.7	112	0.1	40.0	10.0	250	3.17	14.8	1.0	2.0	2.7	19	0.4	0.9	0.2	72	0.19	0.053
1061548	Soil	1.3	41.6	11.1	111	0.1	25.8	12.0	489	3.97	8.6	1.1	3.1	5.1	21	0.2	0.5	0.2	110	0.21	0.024
1198644	Soil	2.1	39.2	11.8	116	0.1	41.1	9.9	246	2.94	15.9	1.2	2.1	3.6	21	0.4	0.8	0.2	69	0.18	0.057
1198658	Soil	1.0	17.8	6.2	75	<0.1	14.8	12.2	482	3.97	6.2	0.5	2.0	3.9	11	<0.1	0.3	0.1	93	0.13	0.049
1198641	Soil	3.2	33.2	11.6	98	0.1	32.0	8.8	184	3.23	15.0	1.7	1.0	5.8	21	0.4	0.6	0.2	65	0.12	0.041
1061547	Soil	0.5	47.3	4.2	94	<0.1	41.0	21.2	471	5.11	2.8	0.4	1.2	5.2	15	<0.1	0.2	0.1	137	0.19	0.019
1061539	Soil	0.8	11.8	9.5	70	<0.1	13.6	8.3	1717	2.60	4.1	0.4	0.7	4.2	20	0.3	0.3	0.1	52	0.23	0.036

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1199420	Soil	32	57	1.91	652	0.016	<1	3.02	0.006	0.09	0.3	0.03	7.6	0.1	<0.05	10	1.0	<0.2
1199408	Soil	24	62	0.97	127	0.164	<1	2.54	0.006	0.62	<0.1	<0.01	2.6	0.4	<0.05	9	0.5	<0.2
1199409	Soil	12	61	0.97	138	0.236	<1	2.73	0.007	0.64	<0.1	<0.01	2.4	0.5	<0.05	8	0.8	<0.2
1199410	Soil	25	88	1.19	264	0.204	<1	2.79	0.007	0.77	<0.1	<0.01	5.1	0.4	<0.05	8	0.8	<0.2
1199407	Soil	31	92	0.93	191	0.096	<1	1.97	0.009	0.20	0.1	0.01	4.0	0.2	<0.05	6	0.5	<0.2
1061531	Soil	5	17	0.84	363	0.084	<1	2.02	0.008	0.26	<0.1	0.02	4.2	0.1	<0.05	7	0.8	<0.2
1061525	Soil	8	23	0.69	128	0.148	<1	1.81	0.010	0.59	<0.1	0.02	4.9	0.3	<0.05	8	0.6	<0.2
1061532	Soil	12	21	1.04	231	0.040	<1	2.61	0.007	0.11	<0.1	<0.01	4.2	<0.1	<0.05	7	<0.5	<0.2
1061535	Soil	14	18	0.22	194	0.057	<1	1.30	0.010	0.07	<0.1	0.01	1.9	<0.1	<0.05	6	0.5	<0.2
1061530	Soil	8	23	0.80	336	0.075	<1	2.14	0.012	0.25	<0.1	0.02	4.9	0.1	<0.05	8	<0.5	<0.2
1061526	Soil	19	33	0.94	266	0.152	<1	2.18	0.011	0.38	0.1	<0.01	5.6	0.2	<0.05	6	<0.5	<0.2
1061523	Soil	5	19	0.75	178	0.189	<1	1.63	0.017	0.48	<0.1	0.01	4.4	0.2	<0.05	11	0.7	<0.2
1061529	Soil	6	30	1.08	357	0.160	<1	2.31	0.019	0.28	<0.1	0.01	3.6	0.1	<0.05	7	<0.5	<0.2
1061533	Soil	13	31	0.41	371	0.062	<1	2.24	0.009	0.08	<0.1	0.03	3.2	<0.1	<0.05	6	0.6	<0.2
1061534	Soil	13	22	0.42	393	0.027	<1	1.90	0.008	0.09	<0.1	<0.01	2.3	<0.1	<0.05	6	0.5	<0.2
1061524	Soil	9	27	0.96	150	0.174	<1	1.87	0.010	0.45	<0.1	<0.01	4.9	0.1	<0.05	8	<0.5	<0.2
1061527	Soil	5	42	2.02	377	0.177	<1	3.17	0.012	0.57	<0.1	<0.01	9.6	0.2	<0.05	9	0.5	<0.2
1061528	Soil	6	23	1.10	242	0.186	<1	2.81	0.016	0.24	<0.1	0.01	6.4	0.2	<0.05	11	<0.5	<0.2
1198642	Soil	21	42	0.62	237	0.059	<1	2.10	0.011	0.09	<0.1	0.03	4.2	<0.1	<0.05	5	0.7	<0.2
1061550	Soil	12	11	0.11	60	0.004	<1	0.70	0.005	0.05	<0.1	0.01	0.6	<0.1	<0.05	5	1.3	<0.2
1199027	Soil	23	21	0.38	191	0.019	<1	1.40	0.005	0.10	<0.1	<0.01	2.9	0.2	0.10	5	2.8	<0.2
1099026	Soil	23	20	0.39	195	0.015	<1	1.41	0.005	0.10	<0.1	<0.01	3.2	0.2	0.08	5	2.4	<0.2
1061549	Soil	10	33	0.44	216	0.062	<1	2.05	0.009	0.05	0.2	0.02	3.5	0.1	<0.05	6	1.0	<0.2
1198643	Soil	12	33	0.49	191	0.042	<1	1.95	0.008	0.05	0.1	0.02	2.6	0.1	<0.05	6	1.1	<0.2
1061548	Soil	17	55	1.15	272	0.062	<1	2.60	0.010	0.06	<0.1	0.03	8.6	<0.1	<0.05	9	1.2	<0.2
1198644	Soil	13	33	0.50	193	0.045	<1	1.93	0.008	0.06	0.1	<0.01	2.7	0.1	<0.05	5	1.7	<0.2
1198658	Soil	8	23	0.71	179	0.110	<1	2.73	0.011	0.25	<0.1	0.02	4.6	0.1	<0.05	8	0.9	<0.2
1198641	Soil	21	37	0.49	173	0.028	<1	1.73	0.006	0.07	0.1	<0.01	2.7	<0.1	<0.05	5	2.8	<0.2
1061547	Soil	13	96	1.98	227	0.129	<1	3.33	0.015	0.13	<0.1	0.01	7.7	0.1	<0.05	10	0.6	<0.2
1061539	Soil	17	20	0.72	413	0.065	<1	1.73	0.009	0.16	<0.1	<0.01	2.0	0.1	<0.05	7	<0.5	<0.2

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Project: CHA
Report Date: July 14, 2011

CERTIFICATE OF ANALYSIS WHI11000452.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1061542	Soil	1.1	28.7	9.5	67	<0.1	23.4	12.2	404	3.60	9.2	1.3	1.0	9.1	22	<0.1	0.4	0.1	72	0.23	0.020
1061540	Soil	1.2	29.1	9.4	66	<0.1	25.8	11.3	307	3.56	8.4	0.5	1.7	8.0	15	<0.1	0.5	0.2	66	0.16	0.020
1061538	Soil	0.5	6.1	4.7	119	<0.1	23.1	18.9	1305	5.73	5.4	0.5	<0.5	4.4	5	<0.1	0.2	0.2	144	0.09	0.055
1061541	Soil	0.8	13.0	8.0	73	<0.1	10.2	11.3	332	4.25	4.5	0.7	0.6	6.3	10	<0.1	0.2	0.3	70	0.10	0.022
1061543	Soil	2.9	83.1	93.3	344	0.3	26.7	10.2	448	3.51	10.4	0.7	2.6	3.7	17	1.3	0.6	1.1	79	0.15	0.028
1061537	Soil	0.8	12.4	8.3	43	<0.1	16.8	9.1	304	3.02	6.0	0.5	2.0	4.6	12	<0.1	0.3	0.2	73	0.13	0.017
1061536	Soil	1.0	24.2	7.6	54	<0.1	24.7	11.5	298	2.75	8.2	0.8	2.1	6.8	16	<0.1	0.3	0.2	53	0.15	0.021
1061546	Soil	0.8	16.9	13.4	54	<0.1	12.0	8.7	351	3.17	2.3	0.5	1.4	3.5	12	0.1	0.1	0.2	76	0.15	0.027
1061544	Soil	1.2	29.9	12.8	69	<0.1	25.7	10.8	381	3.28	12.8	1.2	3.4	5.4	18	<0.1	0.4	0.2	60	0.16	0.025
1061545	Soil	1.7	26.2	8.2	106	<0.1	16.7	8.4	884	4.48	7.9	1.2	2.7	2.3	33	0.3	0.3	0.2	42	0.42	0.167

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Project: CHA
Report Date: July 14, 2011

CERTIFICATE OF ANALYSIS WHI11000452.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1061542	Soil	25	38	0.82	309	0.114	<1	2.37	0.011	0.12	0.1	0.03	7.7	<0.1	<0.05	7	0.8	<0.2
1061540	Soil	15	40	0.98	172	0.114	<1	2.53	0.007	0.11	0.1	<0.01	3.7	0.1	<0.05	8	0.5	<0.2
1061538	Soil	6	80	2.92	285	0.317	<1	3.89	0.007	0.87	0.1	<0.01	11.4	0.4	<0.05	17	0.5	<0.2
1061541	Soil	19	39	1.18	267	0.122	<1	2.73	0.007	0.42	<0.1	<0.01	3.9	0.3	<0.05	9	<0.5	<0.2
1061543	Soil	13	40	0.56	764	0.040	<1	2.55	0.008	0.05	0.1	0.03	3.0	0.1	<0.05	7	0.8	0.2
1061537	Soil	14	31	1.30	173	0.136	<1	2.36	0.008	0.29	<0.1	<0.01	3.4	0.2	<0.05	7	1.0	<0.2
1061536	Soil	18	30	0.72	243	0.087	<1	1.95	0.009	0.08	<0.1	0.02	2.9	0.1	<0.05	5	0.8	<0.2
1061546	Soil	10	27	1.11	331	0.140	<1	2.00	0.007	0.22	<0.1	<0.01	3.6	0.2	<0.05	10	0.5	<0.2
1061544	Soil	22	37	0.48	281	0.044	<1	1.91	0.009	0.05	0.1	0.02	4.3	<0.1	<0.05	5	1.0	<0.2
1061545	Soil	22	23	0.47	239	0.026	<1	2.30	0.008	0.11	<0.1	0.03	5.3	<0.1	<0.05	8	0.8	<0.2

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Project: CHA
Report Date: July 14, 2011

QUALITY CONTROL REPORT WHI11000452.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1199039	Soil	1.2	40.5	11.7	74	0.2	30.2	13.8	339	3.57	11.0	1.0	2.7	5.5	17	<0.1	0.6	0.2	86	0.16	0.024
REP 1199039	QC	1.0	39.6	12.5	69	0.2	30.2	13.6	346	3.59	10.8	1.0	2.2	5.8	17	0.1	0.7	0.2	87	0.15	0.024
1199038	Soil	0.6	102.9	7.6	104	0.2	43.7	29.1	675	6.17	3.4	0.4	<0.5	2.2	25	0.1	0.2	<0.1	154	0.34	0.025
REP 1199038	QC	0.6	101.6	7.5	102	0.2	43.6	27.4	650	6.27	3.4	0.4	0.9	2.3	23	0.1	0.2	0.1	155	0.33	0.024
1039859	Soil	0.7	42.5	11.4	84	<0.1	44.0	14.5	464	4.06	1.7	1.3	1.2	10.8	17	<0.1	<0.1	<0.1	57	0.29	0.050
REP 1039859	QC	0.6	43.7	11.3	80	<0.1	43.4	14.0	455	4.02	1.7	1.3	0.7	10.8	17	<0.1	0.2	<0.1	57	0.28	0.048
1039881	Soil	1.3	34.0	16.2	63	<0.1	38.6	14.8	383	3.56	3.2	1.2	0.5	12.9	21	<0.1	0.2	0.1	42	0.32	0.069
REP 1039881	QC	1.3	33.3	17.0	67	<0.1	37.3	14.9	382	3.57	3.2	1.1	0.6	12.3	21	<0.1	0.2	<0.1	41	0.31	0.069
1194206	Soil	7.7	74.9	17.9	290	0.2	63.9	9.2	317	2.30	23.7	5.1	0.8	2.5	42	1.4	2.1	0.1	118	0.64	0.339
REP 1194206	QC	7.7	78.2	17.9	292	0.2	60.7	9.3	324	2.30	24.5	5.3	1.0	2.4	41	1.5	2.0	0.1	115	0.67	0.336
1194217	Soil	2.4	38.5	11.7	87	0.1	33.4	10.7	329	3.26	15.0	2.5	5.5	7.1	24	0.2	0.6	0.2	69	0.21	0.035
REP 1194217	QC	2.6	38.8	12.0	91	<0.1	33.1	11.2	326	3.27	15.7	2.5	3.7	7.2	25	0.3	0.6	0.2	71	0.21	0.035
1199421	Soil	1.1	43.9	20.4	64	0.1	19.0	5.6	174	2.69	2.9	1.5	<0.5	13.1	13	0.2	0.2	0.3	38	0.07	0.026
REP 1199421	QC	1.1	45.5	20.2	65	0.1	19.6	5.6	177	2.69	2.7	1.4	1.3	12.9	13	0.2	0.3	0.3	38	0.07	0.025
1061534	Soil	0.8	13.3	16.6	54	<0.1	15.6	5.5	242	2.30	7.0	0.5	0.9	3.3	16	0.1	0.3	0.2	54	0.13	0.018
REP 1061534	QC	0.7	12.3	15.9	52	<0.1	14.6	5.1	241	2.24	6.8	0.5	<0.5	3.1	15	0.2	0.3	0.2	51	0.13	0.017
1198643	Soil	2.0	35.0	11.7	112	0.1	40.0	10.0	250	3.17	14.8	1.0	2.0	2.7	19	0.4	0.9	0.2	72	0.19	0.053
REP 1198643	QC	2.2	35.8	12.4	111	0.1	39.5	10.1	247	3.11	15.4	1.1	0.8	2.6	20	0.5	0.8	0.2	73	0.18	0.050
Reference Materials																					
STD DS8	Standard	12.4	108.0	125.2	300	1.7	36.5	7.3	606	2.32	25.9	2.7	106.4	7.0	65	2.2	6.1	6.8	41	0.66	0.077
STD DS8	Standard	13.0	109.8	127.3	314	1.7	37.5	7.3	622	2.36	26.7	2.9	109.9	7.4	69	2.3	6.2	6.9	43	0.67	0.077
STD DS8	Standard	13.7	115.6	128.3	331	1.8	38.6	7.5	591	2.47	26.3	2.6	135.0	6.8	70	2.5	6.5	7.0	40	0.67	0.080
STD DS8	Standard	14.2	116.8	129.2	332	1.9	38.2	7.8	636	2.48	28.3	2.7	121.2	6.7	70	2.7	6.7	6.8	42	0.70	0.083
STD DS8	Standard	13.8	110.6	128.6	319	1.8	38.5	7.5	612	2.46	25.5	2.9	109.2	6.8	64	2.3	5.5	6.8	42	0.67	0.078
STD DS8	Standard	13.1	105.6	127.0	316	1.8	38.0	7.4	602	2.40	25.7	2.7	96.6	6.7	68	2.1	5.5	6.8	41	0.66	0.077
STD DS8	Standard	12.4	105.9	123.3	304	1.7	36.7	7.6	591	2.33	24.6	2.6	109.4	6.3	61	1.9	5.2	6.8	41	0.63	0.077
STD DS8	Standard	12.9	106.0	126.7	301	1.8	37.2	7.6	597	2.40	25.3	2.7	106.8	6.4	65	2.1	5.2	6.9	42	0.66	0.074
STD DS8	Standard	11.5	100.5	113.3	298	1.6	34.9	7.1	566	2.32	23.6	2.4	107.5	5.8	58	2.2	4.3	6.0	38	0.59	0.079

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Project: CHA
Report Date: July 14, 2011

QUALITY CONTROL REPORT WHI11000452.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1199039	Soil	19	51	0.78	272	0.124	<1	2.88	0.012	0.07	0.1	0.03	5.8	0.1	<0.05	8	<0.5	<0.2
REP 1199039	QC	18	48	0.72	277	0.115	<1	2.63	0.012	0.07	<0.1	0.03	5.3	0.1	<0.05	8	0.6	<0.2
1199038	Soil	10	92	2.23	133	0.032	<1	4.11	0.009	0.08	<0.1	0.02	14.7	0.1	<0.05	10	<0.5	<0.2
REP 1199038	QC	10	93	2.24	126	0.032	<1	3.98	0.009	0.07	<0.1	0.02	14.4	0.1	<0.05	9	<0.5	<0.2
1039859	Soil	30	60	1.02	127	0.127	<1	2.10	0.004	0.13	<0.1	<0.01	2.4	<0.1	<0.05	7	<0.5	<0.2
REP 1039859	QC	30	59	0.99	127	0.129	<1	2.08	0.004	0.13	<0.1	<0.01	2.5	<0.1	<0.05	7	<0.5	<0.2
1039881	Soil	36	60	0.93	150	0.023	<1	1.93	0.005	0.25	<0.1	<0.01	2.5	<0.1	<0.05	6	<0.5	<0.2
REP 1039881	QC	36	61	0.91	150	0.022	<1	1.94	0.005	0.24	<0.1	<0.01	2.5	<0.1	<0.05	6	<0.5	<0.2
1194206	Soil	17	25	0.33	128	0.017	1	1.08	0.005	0.05	0.1	<0.01	2.4	0.1	<0.05	4	3.1	<0.2
REP 1194206	QC	18	24	0.33	134	0.017	<1	1.09	0.005	0.05	0.1	0.02	2.5	0.1	<0.05	4	2.8	<0.2
1194217	Soil	21	39	0.69	239	0.076	<1	2.19	0.009	0.07	0.2	0.03	4.2	<0.1	<0.05	6	0.9	<0.2
REP 1194217	QC	21	40	0.69	237	0.078	<1	2.15	0.009	0.07	0.2	0.02	4.3	<0.1	<0.05	6	<0.5	<0.2
1199421	Soil	25	24	0.45	132	0.008	<1	1.58	0.005	0.08	<0.1	0.01	1.4	<0.1	<0.05	6	0.7	<0.2
REP 1199421	QC	26	24	0.46	136	0.009	<1	1.63	0.005	0.09	<0.1	<0.01	1.4	<0.1	<0.05	6	0.7	<0.2
1061534	Soil	13	22	0.42	393	0.027	<1	1.90	0.008	0.09	<0.1	<0.01	2.3	<0.1	<0.05	6	0.5	<0.2
REP 1061534	QC	12	21	0.40	384	0.023	<1	1.80	0.007	0.09	<0.1	0.01	2.2	<0.1	<0.05	6	<0.5	<0.2
1198643	Soil	12	33	0.49	191	0.042	<1	1.95	0.008	0.05	0.1	0.02	2.6	0.1	<0.05	6	1.1	<0.2
REP 1198643	QC	12	32	0.48	194	0.042	<1	1.95	0.008	0.05	0.1	<0.01	2.7	<0.1	<0.05	6	0.7	<0.2
Reference Materials																		
STD DS8	Standard	14	116	0.61	261	0.113	3	0.87	0.084	0.40	3.0	0.20	1.9	5.0	0.14	5	4.7	5.4
STD DS8	Standard	15	119	0.61	277	0.122	2	0.89	0.089	0.40	3.0	0.20	2.2	5.0	0.17	5	5.4	5.5
STD DS8	Standard	14	117	0.62	293	0.111	3	0.87	0.079	0.46	3.0	0.24	1.9	5.2	0.25	5	6.0	5.0
STD DS8	Standard	15	122	0.62	291	0.126	2	0.86	0.088	0.45	2.9	0.21	2.2	5.2	0.19	5	6.0	5.4
STD DS8	Standard	13	122	0.60	272	0.115	3	0.90	0.081	0.41	3.0	0.23	2.1	5.3	0.16	5	4.8	4.6
STD DS8	Standard	14	119	0.59	270	0.115	3	0.92	0.104	0.43	3.0	0.22	2.6	5.2	0.14	4	6.0	5.2
STD DS8	Standard	13	116	0.59	252	0.112	3	0.84	0.068	0.40	2.8	0.18	1.8	4.9	0.15	4	4.3	4.2
STD DS8	Standard	14	117	0.60	272	0.110	2	0.87	0.073	0.41	2.7	0.17	2.0	5.2	0.13	4	5.4	4.8
STD DS8	Standard	11	111	0.58	241	0.099	3	0.87	0.084	0.38	2.7	0.20	1.8	5.1	0.18	4	5.0	4.3

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

Project: CHA
Report Date: July 14, 2011

QUALITY CONTROL REPORT WHI11000452.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8	Standard	11.1	100.8	114.3	294	1.6	35.2	7.0	573	2.35	24.1	2.4	104.0	5.8	59	2.2	4.6	6.1	37	0.61	0.080
STD DS8	Standard	13.7	109.6	123.6	336	1.8	39.7	7.9	623	2.51	28.4	2.6	184.1	6.4	64	2.5	5.8	6.6	42	0.73	0.088
STD DS8	Standard	13.8	113.8	125.6	362	1.9	38.6	8.0	628	2.53	28.7	2.6	113.2	6.6	67	2.6	5.9	6.5	43	0.71	0.086
STD DS8	Standard	13.1	110.2	126.7	304	1.8	37.8	7.4	587	2.38	25.4	2.8	98.5	6.9	62	2.3	5.5	6.1	42	0.67	0.078
STD DS8	Standard	13.5	111.5	126.5	315	1.8	37.4	7.4	619	2.49	26.3	2.8	107.6	6.9	63	2.3	5.7	6.0	43	0.66	0.080
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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

Project: CHA
Report Date: July 14, 2011

QUALITY CONTROL REPORT WHI11000452.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	11	111	0.59	242	0.100	1	0.85	0.082	0.38	2.7	0.19	1.8	5.2	0.14	4	5.5	4.6
STD DS8	Standard	14	120	0.67	275	0.112	4	0.97	0.104	0.45	3.1	0.20	1.9	5.4	0.15	5	5.5	4.9
STD DS8	Standard	15	122	0.63	276	0.117	3	0.97	0.103	0.46	3.3	0.20	2.2	5.7	0.15	5	5.5	5.0
STD DS8	Standard	14	116	0.60	266	0.116	2	0.90	0.083	0.39	3.0	0.17	1.8	5.3	0.11	5	5.8	5.2
STD DS8	Standard	15	119	0.60	276	0.117	2	0.90	0.083	0.40	3.4	0.17	1.9	5.5	0.14	5	5.9	4.7
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

Submitted By: Mike Skead
Receiving Lab: Canada-Whitehorse
Received: July 05, 2011
Report Date: July 17, 2011
Page: 1 of 7

CERTIFICATE OF ANALYSIS WHI11000479.1

CLIENT JOB INFORMATION

Project: CHA
Shipment ID: CHA2011-06
P.O. Number
Number of Samples: 157

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	157	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	157	Dry at 60C			WHI
1DX2	156	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ryan Gold
402 - 905 West Pender St.
Vancouver BC V6C1L6
Canada

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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

Project: CHA
Report Date: July 17, 2011

CERTIFICATE OF ANALYSIS WHI11000479.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1053215	Soil	0.6	18.0	7.9	61	<0.1	23.4	13.4	462	3.22	7.0	0.6	0.8	6.1	14	0.1	0.4	0.1	71	0.18	0.030
1199049	Soil	1.4	22.4	20.2	100	<0.1	25.9	24.3	1327	5.70	4.2	1.6	<0.5	16.7	6	0.2	9.2	<0.1	114	0.15	0.073
1199050	Soil	1.4	11.0	9.7	97	<0.1	24.9	23.1	1178	5.48	5.7	1.7	1.0	15.4	10	0.2	1.2	<0.1	60	0.12	0.047
1053201	Soil	4.7	20.7	27.8	85	<0.1	17.1	12.0	489	3.37	11.7	1.1	2.9	7.9	15	0.7	2.9	0.1	55	0.15	0.020
1053202	Soil	2.4	35.4	12.2	108	<0.1	22.1	12.3	665	3.99	10.6	1.5	1.1	12.8	27	0.2	1.0	0.1	65	0.28	0.037
1053203	Soil	2.6	14.0	17.2	66	<0.1	11.8	6.4	252	3.40	11.0	0.9	<0.5	7.0	8	0.3	0.8	0.2	59	0.09	0.025
1053204	Soil	1.5	26.1	13.2	66	0.2	23.1	8.9	258	3.36	13.0	1.2	1.3	7.8	14	0.6	0.7	0.2	69	0.13	0.024
1053205	Soil	2.7	19.1	21.0	103	<0.1	16.9	10.4	564	3.14	10.8	1.2	2.0	7.8	13	0.5	1.2	0.2	51	0.15	0.036
1053206	Soil	8.6	14.6	20.0	70	<0.1	10.6	8.2	473	2.48	8.3	1.2	<0.5	7.8	15	0.3	1.5	0.2	39	0.18	0.026
1053207	Soil	4.3	13.9	22.7	73	<0.1	12.1	8.3	616	2.45	6.9	1.0	1.3	8.5	16	0.2	0.9	0.3	40	0.20	0.030
1053208	Soil	13.6	15.6	11.6	70	<0.1	15.5	12.2	604	2.93	7.2	0.7	1.0	7.8	11	0.2	0.5	0.1	53	0.13	0.036
1053209	Soil	3.9	14.7	15.0	87	<0.1	11.7	12.7	828	4.25	10.1	1.4	<0.5	8.8	11	0.2	1.3	0.2	78	0.10	0.021
1053216	Soil	0.8	16.2	10.0	73	<0.1	28.3	18.3	723	4.15	8.9	0.6	0.8	5.8	14	0.2	0.7	0.1	90	0.17	0.049
1053217	Soil	0.7	19.4	11.5	85	<0.1	26.4	15.0	706	3.69	5.1	1.1	1.6	7.4	25	<0.1	0.6	<0.1	86	0.52	0.061
1053218	Soil	0.8	20.8	8.3	64	<0.1	24.4	12.7	429	3.16	6.6	0.8	<0.5	5.5	23	<0.1	0.6	<0.1	69	0.32	0.043
1053219	Soil	0.6	18.7	8.1	63	<0.1	21.8	13.1	427	3.22	6.2	0.6	0.6	4.7	21	<0.1	0.4	<0.1	73	0.29	0.038
1053210	Soil	1.9	12.8	7.6	75	<0.1	12.7	14.9	707	4.13	8.3	0.7	1.4	5.9	14	<0.1	0.5	<0.1	84	0.21	0.034
1053211	Soil	1.1	26.0	11.1	72	<0.1	21.6	12.5	559	3.53	9.5	1.2	1.2	5.2	23	<0.1	0.5	0.1	78	0.28	0.045
1053212	Soil	0.4	24.1	23.5	124	<0.1	8.1	13.3	1045	4.05	2.0	0.8	3.7	6.9	27	0.3	0.8	0.1	73	0.33	0.045
1053213	Soil	0.6	24.5	30.5	115	0.1	9.2	12.8	974	3.87	2.3	0.7	2.3	6.3	25	0.3	1.0	0.1	66	0.30	0.046
1053214	Soil	0.5	17.3	8.5	85	<0.1	28.9	20.2	823	4.52	3.1	1.1	2.2	11.8	22	<0.1	0.7	0.1	104	0.30	0.051
1199042	Soil	1.7	13.2	18.2	64	0.3	17.9	7.7	233	2.99	13.2	0.6	3.4	4.3	13	0.3	0.9	0.3	60	0.11	0.026
1199029	Soil	1.3	22.3	19.7	87	0.1	20.6	10.1	481	3.01	9.1	2.0	3.8	7.3	24	0.2	0.8	0.2	54	0.26	0.044
1199030	Soil	0.9	22.0	15.6	84	<0.1	19.0	6.7	269	2.48	6.4	1.5	5.3	7.9	23	0.2	0.8	0.2	47	0.29	0.048
1199031	Soil	1.0	23.6	11.5	72	<0.1	21.5	8.1	308	2.64	7.6	1.4	3.5	5.4	26	0.2	0.7	0.2	53	0.30	0.047
1199032	Soil	1.0	17.2	20.8	90	<0.1	20.6	11.4	492	3.15	9.9	0.9	4.3	4.5	20	0.3	1.1	0.2	58	0.24	0.047
1199033	Soil	2.9	17.8	19.4	133	<0.1	30.2	30.7	1722	6.48	14.3	1.3	1.1	11.0	15	0.2	2.8	0.1	100	0.16	0.045
1199043	Soil	1.5	16.2	14.0	74	0.1	20.8	10.2	315	3.52	12.1	0.8	3.9	5.1	12	0.6	0.8	0.2	74	0.10	0.036
1199044	Soil	1.2	15.6	18.1	105	0.2	10.7	9.2	688	2.62	10.6	1.3	2.2	8.0	11	0.8	1.4	0.2	32	0.11	0.030
1199045	Soil	1.2	15.9	16.2	76	<0.1	15.7	9.6	491	2.79	10.7	1.0	1.4	7.2	12	0.3	1.1	0.2	45	0.13	0.034

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Project: CHA
Report Date: July 17, 2011

CERTIFICATE OF ANALYSIS WHI11000479.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1053215	Soil		17	55	1.11	188	0.125	<1	2.30	0.010	0.31	0.2	0.02	4.0	0.2	<0.05	6	0.5	<0.2
1199049	Soil		12	89	1.03	201	0.100	2	2.06	0.008	0.53	0.9	0.02	14.7	0.3	<0.05	7	<0.5	<0.2
1199050	Soil		24	37	0.31	336	0.007	<1	1.29	0.008	0.19	<0.1	0.08	10.1	0.1	<0.05	3	<0.5	<0.2
1053201	Soil		15	37	0.47	239	0.019	1	2.01	0.007	0.16	<0.1	0.10	5.1	0.1	<0.05	5	<0.5	<0.2
1053202	Soil		37	32	0.59	515	0.082	<1	2.15	0.011	0.22	0.1	0.04	8.5	0.2	<0.05	7	1.2	<0.2
1053203	Soil		18	22	0.29	103	0.035	<1	1.98	0.006	0.10	0.1	0.02	3.2	0.1	<0.05	7	<0.5	<0.2
1053204	Soil		17	40	0.53	233	0.069	<1	2.57	0.010	0.08	0.2	0.06	5.1	0.1	<0.05	6	<0.5	<0.2
1053205	Soil		21	24	0.44	203	0.050	<1	1.76	0.009	0.13	<0.1	0.05	3.8	0.1	<0.05	5	<0.5	<0.2
1053206	Soil		21	16	0.34	419	0.037	<1	1.26	0.007	0.14	0.1	0.05	3.4	0.1	<0.05	4	<0.5	<0.2
1053207	Soil		20	18	0.42	318	0.044	<1	1.56	0.008	0.16	0.1	0.02	3.1	0.1	<0.05	4	<0.5	<0.2
1053208	Soil		16	24	0.46	170	0.047	<1	2.09	0.008	0.17	0.1	0.03	3.8	0.2	<0.05	5	0.5	<0.2
1053209	Soil		23	20	0.75	285	0.082	1	2.09	0.008	0.41	0.1	0.03	8.8	0.3	<0.05	7	<0.5	<0.2
1053216	Soil		12	67	1.29	160	0.112	<1	2.81	0.010	0.24	0.2	0.02	5.5	0.2	<0.05	9	<0.5	<0.2
1053217	Soil		18	71	1.46	463	0.147	<1	2.26	0.013	0.43	0.1	0.05	7.8	0.2	<0.05	7	<0.5	<0.2
1053218	Soil		17	53	1.07	257	0.128	1	2.05	0.012	0.22	0.1	0.02	4.5	0.2	<0.05	6	<0.5	<0.2
1053219	Soil		15	55	1.15	217	0.160	<1	2.20	0.011	0.37	0.1	0.02	3.6	0.2	<0.05	6	<0.5	<0.2
1053210	Soil		15	20	0.94	390	0.137	<1	2.14	0.008	0.50	0.1	0.02	5.6	0.2	<0.05	7	0.5	<0.2
1053211	Soil		22	32	0.70	367	0.095	<1	2.18	0.011	0.18	<0.1	0.04	7.2	0.1	<0.05	7	<0.5	<0.2
1053212	Soil		14	11	1.41	607	0.057	<1	1.89	0.006	0.46	<0.1	0.05	10.4	0.3	<0.05	9	<0.5	<0.2
1053213	Soil		14	13	1.21	525	0.023	<1	1.74	0.005	0.28	0.1	0.04	8.7	0.1	<0.05	7	<0.5	<0.2
1053214	Soil		25	102	1.95	478	0.173	1	2.69	0.011	0.78	0.1	0.03	9.3	0.4	<0.05	10	<0.5	<0.2
1199042	Soil		10	30	0.40	141	0.047	1	2.13	0.008	0.05	0.2	0.03	2.2	<0.1	<0.05	6	0.7	<0.2
1199029	Soil		24	30	0.51	443	0.041	<1	1.76	0.009	0.08	0.1	0.03	4.3	0.1	<0.05	5	<0.5	<0.2
1199030	Soil		22	27	0.49	299	0.070	1	1.35	0.010	0.09	0.2	0.03	3.6	0.1	<0.05	4	<0.5	<0.2
1199031	Soil		18	30	0.55	320	0.056	<1	1.68	0.011	0.06	0.2	0.04	3.7	0.1	<0.05	5	<0.5	<0.2
1199032	Soil		15	33	0.50	206	0.042	1	1.90	0.008	0.08	0.1	0.03	3.4	0.1	<0.05	6	<0.5	<0.2
1199033	Soil		15	97	1.67	228	0.089	<1	3.20	0.008	0.43	<0.1	0.02	7.9	0.3	<0.05	11	<0.5	<0.2
1199043	Soil		12	36	0.43	215	0.051	1	2.74	0.009	0.05	0.2	0.03	3.4	0.1	<0.05	7	<0.5	<0.2
1199044	Soil		21	14	0.24	185	0.019	<1	1.24	0.007	0.11	<0.1	0.03	2.2	0.1	<0.05	3	<0.5	<0.2
1199045	Soil		17	22	0.33	122	0.035	<1	1.47	0.007	0.07	<0.1	0.02	2.4	0.1	<0.05	4	<0.5	<0.2

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Project: CHA
Report Date: July 17, 2011

CERTIFICATE OF ANALYSIS WHI11000479.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1199046	Soil		1.2	17.2	33.7	101	0.1	15.2	9.8	435	2.78	8.4	1.0	3.8	7.9	12	0.6	0.9	0.4	45	0.13	0.027
1199047	Soil		1.2	18.4	26.5	107	<0.1	16.0	9.4	583	2.78	8.6	1.3	2.1	7.2	14	0.6	1.1	0.3	44	0.15	0.042
1199048	Soil		1.3	20.5	14.4	57	<0.1	22.1	11.2	332	3.38	11.9	0.9	3.4	6.6	16	0.2	1.0	0.2	66	0.13	0.024
1035705	Soil		0.8	20.6	17.7	93	0.2	20.3	9.8	362	2.76	5.6	0.7	1.1	3.8	15	0.2	0.4	0.2	62	0.20	0.051
1035707	Soil		1.3	15.0	16.0	44	0.1	12.0	6.5	300	3.40	9.0	0.7	1.8	3.9	13	<0.1	0.5	0.3	82	0.10	0.048
1035709	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1035710	Soil		0.9	36.3	27.8	105	0.4	20.9	8.4	298	3.49	6.7	2.2	2.0	4.4	20	0.5	0.5	0.5	62	0.17	0.090
1035711	Soil		0.8	28.0	18.1	96	<0.1	19.5	10.2	357	3.15	5.9	1.2	1.9	8.8	14	0.2	0.4	0.2	58	0.17	0.032
1035717	Soil		1.2	17.2	13.2	48	<0.1	18.3	6.5	229	3.17	9.5	0.6	1.9	6.4	10	0.1	0.7	0.3	72	0.09	0.034
1035719	Soil		1.4	10.3	11.1	43	<0.1	11.0	5.0	210	3.11	10.5	0.5	3.8	1.7	9	0.2	0.6	0.2	62	0.08	0.043
1035720	Soil		1.4	12.0	14.5	42	<0.1	11.7	6.1	260	3.41	9.5	0.6	2.6	4.3	12	<0.1	0.5	0.3	85	0.09	0.042
1035721	Soil		1.0	20.8	11.2	66	<0.1	20.6	12.2	370	3.47	10.2	0.8	1.5	8.3	14	0.2	0.7	0.2	74	0.12	0.027
1035722	Soil		1.2	29.9	14.9	60	<0.1	24.0	11.2	358	3.50	10.1	0.9	3.7	4.7	22	0.1	0.6	0.2	77	0.21	0.042
1035723	Soil		1.0	18.2	11.3	57	<0.1	19.6	9.3	332	3.33	10.2	0.6	1.5	4.7	14	0.2	0.7	0.2	59	0.14	0.050
1035724	Soil		1.0	20.0	15.3	52	0.1	19.2	10.1	289	3.07	7.6	0.6	1.3	2.6	19	0.2	0.5	0.2	75	0.17	0.047
1035706	Soil		0.9	19.8	15.4	53	<0.1	19.0	9.3	282	3.03	7.5	0.6	1.3	2.5	18	0.2	0.6	0.2	73	0.17	0.046
1035708	Soil		1.5	15.0	16.0	45	0.1	11.7	6.6	303	3.35	9.0	0.7	2.8	3.9	12	0.2	0.5	0.3	82	0.10	0.046
1035712	Soil		0.9	31.7	19.6	97	0.1	24.3	10.8	359	3.30	6.9	1.1	2.0	7.7	16	0.1	0.5	0.2	63	0.18	0.034
1035713	Soil		0.5	17.4	22.3	90	<0.1	19.8	9.1	358	2.78	5.6	0.8	1.5	8.5	15	<0.1	0.4	0.2	47	0.18	0.037
1035714	Soil		0.8	16.0	14.0	30	0.1	6.9	2.3	98	1.07	2.3	0.7	1.4	0.1	17	0.1	0.2	0.2	31	0.13	0.054
1035715	Soil		0.5	52.5	9.5	90	<0.1	19.5	9.5	432	4.00	8.6	1.0	1.5	11.5	14	<0.1	0.5	0.4	53	0.12	0.051
1035716	Soil		1.3	22.4	10.8	68	<0.1	24.1	10.5	350	3.92	8.0	2.0	1.3	15.6	12	<0.1	0.7	0.4	55	0.09	0.043
1035718	Soil		1.2	16.0	10.7	41	<0.1	17.3	7.2	224	3.10	10.1	1.1	2.5	9.2	11	<0.1	0.7	0.4	64	0.11	0.038
1035725	Soil		0.7	36.0	9.5	65	<0.1	17.2	12.4	484	3.53	5.3	0.5	<0.5	4.3	14	0.2	0.5	0.2	76	0.13	0.033
1035726	Soil		0.8	15.5	10.9	47	<0.1	14.9	7.6	238	2.83	7.2	0.5	1.7	4.0	9	<0.1	0.4	0.3	62	0.11	0.033
1035727	Soil		1.4	55.0	10.3	71	<0.1	26.1	21.0	958	3.80	6.2	0.7	2.2	9.3	10	0.1	0.4	0.3	73	0.14	0.049
1035729	Soil		0.3	51.0	5.7	78	<0.1	38.7	23.2	704	3.86	2.6	0.4	<0.5	3.9	23	0.1	0.2	<0.1	70	0.37	0.060
1035730	Soil		1.1	22.6	10.3	63	<0.1	25.5	13.4	454	3.29	7.2	0.8	0.8	4.9	22	<0.1	0.5	0.1	73	0.30	0.038
1035731	Soil		1.1	22.7	10.1	63	<0.1	24.5	13.1	452	3.32	7.0	0.9	1.2	4.8	22	0.1	0.5	0.1	73	0.29	0.038
1194240	Soil		1.3	28.6	9.6	62	<0.1	22.7	12.1	416	2.96	5.5	1.1	3.9	9.0	22	0.1	0.6	0.2	57	0.26	0.034

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Project: CHA
Report Date: July 17, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1199046	Soil		16	22	0.38	149	0.045	<1	1.54	0.007	0.09	0.1	0.03	2.5	0.1	<0.05	4	<0.5	<0.2
1199047	Soil		23	22	0.36	227	0.032	<1	1.62	0.009	0.09	0.1	0.03	2.7	0.1	<0.05	4	<0.5	<0.2
1199048	Soil		14	42	0.55	222	0.036	2	2.70	0.009	0.09	0.1	0.04	4.4	0.1	<0.05	6	<0.5	<0.2
1035705	Soil		13	54	1.00	234	0.134	1	1.83	0.012	0.29	0.1	0.05	3.5	0.2	<0.05	7	<0.5	<0.2
1035707	Soil		10	27	0.37	112	0.102	<1	1.94	0.008	0.12	0.2	0.06	2.4	0.1	<0.05	8	<0.5	<0.2
1035709	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1035710	Soil		28	40	0.79	350	0.081	<1	2.63	0.013	0.42	0.1	0.11	4.8	0.3	0.07	9	0.6	<0.2
1035711	Soil		25	36	0.83	199	0.153	<1	2.03	0.009	0.34	0.1	0.02	3.9	0.2	<0.05	7	<0.5	<0.2
1035717	Soil		17	27	0.36	97	0.146	<1	1.56	0.007	0.19	0.1	0.04	2.0	0.2	<0.05	8	<0.5	<0.2
1035719	Soil		9	25	0.25	82	0.052	3	1.71	0.005	0.06	0.2	0.07	1.5	0.1	<0.05	7	0.8	<0.2
1035720	Soil		11	26	0.37	88	0.106	<1	1.97	0.007	0.12	0.1	0.04	2.2	0.1	<0.05	8	<0.5	<0.2
1035721	Soil		18	31	0.78	170	0.122	<1	2.30	0.009	0.25	0.2	0.02	3.1	0.2	<0.05	6	<0.5	<0.2
1035722	Soil		13	51	0.67	305	0.096	2	2.54	0.015	0.10	0.2	0.03	3.7	0.2	<0.05	7	0.5	<0.2
1035723	Soil		13	34	0.57	109	0.083	1	2.19	0.008	0.14	0.2	0.05	2.6	0.1	<0.05	6	<0.5	<0.2
1035724	Soil		10	50	0.64	238	0.112	2	1.98	0.015	0.14	0.1	0.04	2.9	0.1	<0.05	7	<0.5	<0.2
1035706	Soil		9	48	0.65	235	0.105	1	1.94	0.014	0.14	0.1	0.03	2.9	0.1	<0.05	7	0.6	<0.2
1035708	Soil		11	27	0.38	112	0.099	<1	1.89	0.007	0.13	0.1	0.07	2.3	0.1	<0.05	8	<0.5	<0.2
1035712	Soil		24	43	0.93	225	0.135	<1	2.30	0.009	0.34	<0.1	0.04	4.3	0.2	<0.05	8	<0.5	<0.2
1035713	Soil		28	30	0.76	155	0.088	1	1.80	0.009	0.19	0.1	0.03	2.6	0.2	<0.05	6	<0.5	<0.2
1035714	Soil		19	14	0.13	156	0.009	<1	1.10	0.007	0.07	<0.1	0.06	0.5	<0.1	<0.05	6	0.7	<0.2
1035715	Soil		37	35	0.73	218	0.115	1	2.57	0.009	0.54	<0.1	0.02	3.7	0.3	<0.05	9	<0.5	<0.2
1035716	Soil		46	36	0.65	188	0.141	1	2.66	0.009	0.59	0.1	0.05	2.9	0.4	<0.05	8	0.7	<0.2
1035718	Soil		20	32	0.40	138	0.086	1	2.27	0.008	0.12	0.2	0.05	2.7	0.2	<0.05	7	<0.5	<0.2
1035725	Soil		8	39	0.93	237	0.174	<1	2.30	0.008	0.56	0.1	0.03	2.8	0.3	<0.05	8	<0.5	<0.2
1035726	Soil		13	27	0.45	102	0.081	<1	1.53	0.006	0.09	0.1	0.03	2.5	0.1	<0.05	6	<0.5	<0.2
1035727	Soil		25	27	0.80	161	0.083	<1	2.22	0.007	0.29	<0.1	0.05	4.1	0.3	<0.05	6	<0.5	<0.2
1035729	Soil		10	127	1.85	460	0.189	<1	2.68	0.012	0.82	<0.1	0.01	4.4	0.5	<0.05	7	<0.5	<0.2
1035730	Soil		14	68	1.06	265	0.133	1	1.95	0.009	0.30	0.1	0.02	4.0	0.3	<0.05	6	<0.5	<0.2
1035731	Soil		14	68	1.04	257	0.133	<1	1.93	0.009	0.29	0.1	0.02	4.1	0.2	<0.05	6	<0.5	<0.2
1194240	Soil		29	37	0.78	292	0.097	<1	1.73	0.008	0.30	0.1	0.01	4.0	0.2	<0.05	5	<0.5	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1194241	Soil	1.1	18.7	10.3	47	<0.1	16.3	7.8	296	2.46	4.7	0.6	2.1	5.4	11	<0.1	0.4	0.1	51	0.18	0.034
1194246	Soil	1.1	36.3	10.2	67	0.1	22.2	9.4	250	2.36	7.4	1.3	2.5	6.4	22	0.2	0.6	0.2	48	0.27	0.056
1194248	Soil	0.8	17.5	9.6	59	0.1	16.7	8.1	220	2.30	8.1	0.9	3.5	3.4	20	0.2	0.6	0.1	47	0.26	0.063
1194249	Soil	1.0	30.2	8.9	80	0.1	28.6	10.9	409	2.47	9.4	0.7	18.6	4.1	40	0.5	0.9	0.1	52	1.01	0.085
1194242	Soil	1.7	22.4	13.7	57	<0.1	18.6	8.3	333	2.85	7.0	0.7	2.5	6.4	9	0.1	0.5	0.2	59	0.08	0.029
1194243	Soil	1.2	33.0	11.6	63	<0.1	19.1	7.2	236	2.66	6.5	2.1	2.5	10.2	25	<0.1	0.5	0.2	51	0.30	0.037
1194244	Soil	1.6	11.3	12.4	35	0.1	10.0	4.4	168	2.59	7.1	0.5	2.8	5.1	6	0.1	0.5	0.2	59	0.05	0.030
1194245	Soil	1.5	43.0	13.7	65	0.1	24.4	8.3	270	2.77	6.9	2.0	3.3	9.5	25	0.2	0.6	0.2	55	0.29	0.044
1194247	Soil	0.9	35.8	11.5	80	0.1	24.7	10.2	271	2.62	8.6	0.9	10.1	5.5	26	0.3	0.7	0.2	57	0.36	0.069
1194231	Soil	1.0	18.0	9.5	63	<0.1	24.2	10.3	334	2.76	7.4	0.8	1.9	3.8	23	<0.1	0.5	0.1	61	0.37	0.048
1194232	Soil	0.9	30.4	14.8	68	<0.1	25.4	9.8	293	2.67	7.6	1.3	5.1	6.1	26	<0.1	0.6	0.1	56	0.34	0.044
1194233	Soil	2.0	9.7	6.7	19	0.1	12.1	2.4	75	0.96	2.6	0.4	<0.5	0.3	8	<0.1	0.2	0.1	26	0.05	0.027
1194235	Soil	1.4	21.9	10.5	56	<0.1	16.7	9.1	376	2.66	7.7	1.0	3.5	7.5	17	<0.1	0.5	0.2	56	0.20	0.029
1194237	Soil	2.6	10.3	17.7	35	<0.1	9.0	3.4	143	2.00	9.2	0.4	1.2	3.3	8	0.2	0.9	0.3	75	0.07	0.025
1194238	Soil	1.6	29.4	17.7	73	<0.1	20.9	12.8	458	3.34	10.2	0.8	3.1	8.0	11	0.2	0.7	0.2	60	0.09	0.026
1194239	Soil	1.3	23.6	11.6	61	<0.1	17.9	9.3	388	2.58	7.1	1.1	1.9	8.2	20	0.2	0.5	0.2	50	0.21	0.026
1004415	Soil	1.7	52.0	39.5	86	0.1	19.7	14.3	711	3.81	7.6	1.5	0.7	10.9	17	0.3	1.6	0.4	61	0.32	0.036
1004416	Soil	1.0	19.0	8.1	62	<0.1	23.4	11.1	363	2.82	6.2	0.6	1.6	2.7	21	0.1	0.6	0.1	65	0.32	0.061
1004417	Soil	0.7	26.9	8.1	65	<0.1	26.2	10.5	313	2.68	6.6	0.8	4.8	4.1	23	0.1	0.5	0.1	58	0.34	0.064
1004418	Soil	0.9	28.0	8.0	76	<0.1	30.6	12.9	382	3.03	7.3	1.0	1.7	4.9	20	<0.1	0.5	0.1	66	0.31	0.038
1004419	Soil	0.9	15.7	8.9	69	<0.1	25.1	12.5	401	3.40	9.0	0.5	0.9	3.9	16	0.1	0.5	0.2	75	0.21	0.033
1194226	Soil	1.4	27.7	10.7	89	<0.1	21.3	12.6	421	3.45	9.0	0.7	2.2	4.2	18	0.1	0.6	0.2	72	0.21	0.029
1194227	Soil	1.0	17.3	8.1	101	<0.1	30.1	18.5	709	3.88	7.2	0.6	<0.5	4.7	26	<0.1	0.5	0.1	79	0.34	0.045
1194228	Soil	0.9	15.7	7.9	85	<0.1	23.1	13.4	511	3.09	6.9	0.7	1.8	4.9	20	0.1	0.6	0.1	63	0.27	0.046
1194229	Soil	0.8	21.7	9.8	80	<0.1	25.5	14.5	784	3.51	6.6	1.3	2.5	6.4	23	<0.1	0.8	0.1	72	0.34	0.046
1194230	Soil	0.8	15.5	7.9	69	<0.1	22.4	13.1	522	3.10	6.6	0.8	0.6	4.3	22	<0.1	0.6	0.1	67	0.35	0.040
1194234	Soil	1.3	27.0	11.6	75	<0.1	26.2	15.7	539	3.07	10.6	0.6	<0.5	7.6	14	0.2	0.6	0.2	59	0.16	0.033
1194236	Soil	1.5	19.7	12.2	52	<0.1	14.7	8.6	385	2.30	6.7	0.7	8.3	9.0	14	<0.1	0.5	0.3	44	0.15	0.024
1035728	Soil	1.1	28.5	10.4	56	<0.1	19.2	17.2	629	4.09	7.6	0.6	0.6	7.3	10	0.1	0.5	0.2	100	0.17	0.039
1199437	Soil	0.8	17.9	26.5	122	0.2	18.6	7.6	225	2.52	8.4	1.0	0.8	5.8	11	0.2	0.4	0.3	46	0.14	0.043

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

Project: CHA
Report Date: July 17, 2011

CERTIFICATE OF ANALYSIS WHI11000479.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1194241	Soil	15	35	0.55	84	0.089	<1	1.50	0.008	0.14	0.1	0.02	2.0	0.2	<0.05	5	<0.5	<0.2
1194246	Soil	17	30	0.50	274	0.071	<1	1.36	0.011	0.07	0.2	0.03	3.7	<0.1	<0.05	4	<0.5	<0.2
1194248	Soil	13	25	0.40	223	0.044	1	1.30	0.010	0.04	0.3	0.04	2.6	<0.1	<0.05	4	<0.5	<0.2
1194249	Soil	13	28	0.69	372	0.071	2	1.13	0.020	0.08	0.3	0.03	3.1	<0.1	<0.05	4	<0.5	<0.2
1194242	Soil	15	34	0.47	109	0.079	<1	1.74	0.008	0.09	0.1	0.03	2.4	0.1	<0.05	6	<0.5	<0.2
1194243	Soil	45	34	0.50	476	0.072	<1	1.75	0.009	0.09	0.1	0.04	4.9	0.1	<0.05	5	<0.5	<0.2
1194244	Soil	9	20	0.21	52	0.047	<1	1.31	0.005	0.04	0.2	0.03	1.5	<0.1	<0.05	6	<0.5	<0.2
1194245	Soil	33	38	0.47	398	0.069	<1	2.00	0.009	0.08	0.2	0.06	4.7	0.1	<0.05	6	<0.5	<0.2
1194247	Soil	17	31	0.52	326	0.068	2	1.40	0.015	0.06	0.3	0.04	3.6	<0.1	<0.05	4	0.5	<0.2
1194231	Soil	12	48	0.78	286	0.086	<1	1.74	0.009	0.08	0.2	0.03	4.0	<0.1	<0.05	6	<0.5	<0.2
1194232	Soil	19	45	0.71	440	0.061	<1	1.77	0.012	0.07	0.1	0.06	5.7	<0.1	<0.05	5	<0.5	<0.2
1194233	Soil	5	24	0.12	64	0.025	<1	0.73	0.012	0.05	<0.1	0.03	1.1	<0.1	<0.05	4	<0.5	<0.2
1194235	Soil	23	34	0.55	254	0.059	<1	1.53	0.008	0.08	0.1	0.04	4.3	<0.1	<0.05	5	<0.5	<0.2
1194237	Soil	11	19	0.18	68	0.069	<1	1.13	0.005	0.04	0.1	<0.01	1.7	<0.1	<0.05	8	<0.5	<0.2
1194238	Soil	14	35	0.46	169	0.033	<1	2.28	0.007	0.10	0.2	0.01	3.1	0.1	<0.05	6	<0.5	<0.2
1194239	Soil	24	32	0.46	334	0.048	<1	1.50	0.008	0.09	0.1	0.03	3.9	0.1	<0.05	4	<0.5	<0.2
1004415	Soil	33	35	0.63	431	0.037	<1	1.51	0.008	0.30	0.2	0.05	7.0	0.2	<0.05	5	<0.5	<0.2
1004416	Soil	10	58	0.91	191	0.097	1	1.79	0.009	0.13	0.2	0.02	3.1	0.1	<0.05	6	<0.5	<0.2
1004417	Soil	13	51	0.78	281	0.107	<1	1.66	0.011	0.15	0.2	0.03	3.6	0.2	<0.05	5	<0.5	<0.2
1004418	Soil	14	68	1.04	271	0.133	1	1.85	0.011	0.22	0.1	0.04	4.5	0.2	<0.05	5	<0.5	<0.2
1004419	Soil	9	56	0.88	153	0.114	2	2.03	0.007	0.14	0.2	0.02	3.2	0.2	<0.05	7	<0.5	<0.2
1194226	Soil	12	51	0.90	347	0.093	1	2.21	0.008	0.19	0.1	0.01	3.4	0.2	<0.05	8	<0.5	<0.2
1194227	Soil	11	77	1.43	302	0.164	<1	2.48	0.010	0.33	0.1	<0.01	3.5	0.2	<0.05	7	<0.5	<0.2
1194228	Soil	13	53	0.98	231	0.124	<1	1.83	0.010	0.17	0.1	0.01	3.1	0.2	<0.05	6	<0.5	<0.2
1194229	Soil	18	64	1.07	314	0.109	<1	2.09	0.010	0.21	0.2	0.04	6.3	0.1	<0.05	7	<0.5	<0.2
1194230	Soil	13	56	0.99	298	0.110	<1	1.92	0.010	0.15	0.1	0.02	4.2	0.1	<0.05	6	<0.5	<0.2
1194234	Soil	12	41	0.63	134	0.084	1	1.92	0.009	0.12	0.2	0.03	3.0	0.1	<0.05	6	<0.5	<0.2
1194236	Soil	19	25	0.36	184	0.041	<1	1.39	0.007	0.08	<0.1	0.01	2.4	<0.1	<0.05	4	<0.5	<0.2
1035728	Soil	20	33	0.82	146	0.074	<1	2.29	0.009	0.25	<0.1	0.04	4.6	0.2	<0.05	7	<0.5	<0.2
1199437	Soil	27	30	0.59	203	0.049	3	1.87	0.006	0.18	0.1	0.05	2.9	0.2	<0.05	6	<0.5	<0.2

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Project: CHA
Report Date: July 17, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1199438	Soil		1.0	22.4	40.0	111	0.2	22.5	9.8	436	3.08	12.6	1.1	0.6	7.7	13	0.2	0.6	0.3	52	0.17	0.040
1199439	Soil		0.9	17.6	35.4	91	<0.1	17.6	10.1	485	3.29	9.4	0.7	<0.5	5.9	10	0.2	0.4	0.3	65	0.13	0.033
1035751	Soil		1.0	15.8	23.6	75	<0.1	16.8	8.7	360	2.97	11.0	0.6	<0.5	4.5	11	0.2	0.5	0.2	66	0.13	0.030
1035752	Soil		1.0	21.6	19.5	77	<0.1	22.5	11.4	396	3.17	10.5	0.8	0.7	5.4	11	0.2	0.5	0.2	61	0.14	0.039
1035753	Soil		0.6	18.2	11.0	62	0.1	18.8	7.8	185	2.30	7.5	0.8	<0.5	3.3	13	0.1	0.4	0.2	45	0.20	0.053
1035754	Soil		0.8	21.8	13.7	69	0.2	20.6	8.4	247	2.60	7.7	1.1	1.3	3.8	14	0.1	0.4	0.2	49	0.23	0.063
1035755	Soil		0.8	17.7	13.4	79	<0.1	21.4	9.8	315	2.89	8.9	0.9	<0.5	6.2	14	0.1	0.4	0.2	53	0.22	0.048
1035756	Soil		0.9	15.5	24.5	78	0.2	16.0	9.0	488	3.17	12.3	0.9	<0.5	6.9	13	0.1	0.7	0.2	46	0.17	0.051
1035757	Soil		0.8	20.1	16.2	82	<0.1	20.9	11.5	398	3.15	7.5	0.7	<0.5	7.2	12	0.1	0.3	0.2	55	0.16	0.032
1035758	Soil		0.7	14.9	22.7	50	<0.1	13.9	7.3	239	2.56	7.7	0.7	7.1	5.7	10	0.1	0.3	0.2	54	0.11	0.023
1035759	Soil		0.6	11.8	16.8	52	<0.1	14.7	5.4	155	1.97	6.3	0.4	<0.5	1.6	10	0.1	0.3	0.2	46	0.12	0.027
1035760	Soil		0.9	21.1	19.2	80	0.2	21.6	8.6	294	2.66	9.2	1.0	1.0	2.1	20	0.1	0.4	0.2	60	0.25	0.052
1035761	Soil		0.7	10.1	11.0	26	<0.1	7.8	2.9	83	1.35	4.8	0.5	<0.5	0.7	14	<0.1	0.2	0.1	40	0.13	0.026
1035762	Soil		1.0	22.6	12.9	87	0.2	20.9	9.7	464	2.62	7.9	1.0	1.0	5.3	30	0.2	0.4	0.3	50	0.43	0.077
1035763	Soil		0.9	25.1	14.8	97	0.1	27.4	11.8	410	3.04	6.5	0.9	2.4	7.7	29	0.2	0.3	0.2	50	0.45	0.075
1035764	Soil		0.6	25.4	14.2	93	0.1	31.8	11.8	411	2.96	7.0	0.9	<0.5	7.3	32	0.1	0.3	0.2	53	0.52	0.106
1035765	Soil		0.9	28.0	15.8	97	0.2	23.3	10.7	442	2.72	8.8	0.8	3.6	5.2	26	0.2	0.3	0.2	56	0.40	0.075
1035766	Soil		0.7	82.8	42.8	108	0.2	21.2	10.3	321	2.80	8.0	0.8	1.9	4.4	19	0.1	0.4	0.3	58	0.30	0.073
1035767	Soil		0.8	32.7	13.2	94	0.2	22.2	10.2	332	2.90	7.9	0.8	3.0	4.3	20	0.2	0.4	0.3	61	0.31	0.071
1035768	Soil		0.9	32.7	11.7	82	0.2	27.0	9.5	303	2.88	10.5	1.1	<0.5	4.5	21	0.2	0.4	0.3	60	0.28	0.054
1199440	Soil		1.1	16.2	42.4	42	1.4	10.3	4.9	148	1.70	18.0	0.9	34.3	1.2	24	0.3	1.5	0.6	35	0.21	0.054
1199441	Soil		1.8	20.6	393.4	51	10.0	12.2	6.8	373	3.01	58.1	1.3	8.2	0.9	16	0.3	6.7	3.2	42	0.15	0.097
1199424	Soil		1.2	21.2	25.7	75	0.2	20.6	12.5	595	2.95	14.4	0.8	9.1	2.8	14	0.3	0.7	0.3	63	0.18	0.050
1199425	Soil		0.5	7.8	6.7	36	<0.1	3.6	4.3	148	1.90	4.7	0.2	<0.5	0.6	8	<0.1	0.1	<0.1	46	0.10	0.035
1199426	Soil		0.8	12.1	17.7	59	0.4	13.5	8.0	304	2.32	11.1	0.7	1.5	2.7	14	0.1	0.7	0.5	43	0.17	0.049
1199427	Soil		0.7	21.1	18.8	40	0.4	11.1	7.1	222	1.40	5.6	1.4	1.0	0.8	24	0.5	0.3	0.2	27	0.40	0.109
1199428	Soil		0.6	14.1	8.2	63	<0.1	16.9	8.8	336	2.15	7.8	0.7	1.2	3.5	17	0.3	0.4	0.2	47	0.23	0.048
1199429	Soil		0.8	19.7	12.0	90	0.2	22.7	10.3	383	2.99	10.3	0.9	0.8	4.9	21	0.3	0.4	0.3	54	0.25	0.058
1199430	Soil		0.6	18.9	7.8	34	0.3	7.8	5.2	160	1.21	6.2	1.7	<0.5	0.6	15	<0.1	0.2	0.1	27	0.20	0.101
1199431	Soil		0.9	21.4	26.8	95	0.2	24.8	10.4	399	3.00	10.3	0.9	<0.5	6.2	14	0.1	0.5	0.3	49	0.19	0.050

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1199438	Soil		27	33	0.69	211	0.065	2	1.88	0.007	0.21	0.1	0.03	3.2	0.2	<0.05	6	<0.5	<0.2
1199439	Soil		22	27	0.71	168	0.098	1	1.90	0.006	0.27	0.2	0.02	3.3	0.2	<0.05	7	1.3	<0.2
1035751	Soil		18	30	0.61	166	0.074	2	1.65	0.006	0.16	0.1	0.04	2.7	0.2	<0.05	7	<0.5	<0.2
1035752	Soil		17	33	0.66	156	0.071	2	2.12	0.007	0.18	0.1	0.03	3.0	0.2	<0.05	6	<0.5	<0.2
1035753	Soil		15	27	0.53	139	0.056	<1	1.55	0.007	0.09	0.1	0.04	2.5	0.2	<0.05	5	0.8	<0.2
1035754	Soil		21	32	0.64	201	0.065	1	1.73	0.008	0.12	0.1	0.07	3.1	0.2	<0.05	6	<0.5	<0.2
1035755	Soil		20	35	0.68	161	0.086	<1	1.97	0.007	0.18	0.1	0.05	3.2	0.2	<0.05	6	<0.5	<0.2
1035756	Soil		25	25	0.41	139	0.042	2	1.52	0.006	0.17	0.2	0.04	3.0	0.2	<0.05	5	<0.5	<0.2
1035757	Soil		21	29	0.72	161	0.109	<1	1.91	0.009	0.40	<0.1	0.03	2.9	0.3	<0.05	6	<0.5	<0.2
1035758	Soil		17	25	0.46	121	0.089	2	1.78	0.008	0.20	<0.1	0.03	2.4	0.2	<0.05	7	<0.5	<0.2
1035759	Soil		9	27	0.28	122	0.057	<1	1.25	0.011	0.12	<0.1	0.03	1.7	<0.1	<0.05	5	<0.5	<0.2
1035760	Soil		15	34	0.52	347	0.058	<1	1.85	0.012	0.12	0.1	0.06	3.0	0.1	<0.05	6	<0.5	<0.2
1035761	Soil		9	14	0.13	180	0.040	<1	0.93	0.013	0.06	<0.1	0.03	1.3	<0.1	<0.05	5	<0.5	<0.2
1035762	Soil		29	31	0.58	347	0.077	<1	1.87	0.011	0.26	0.1	0.06	3.4	0.2	<0.05	6	<0.5	<0.2
1035763	Soil		26	39	0.95	325	0.126	<1	1.81	0.011	0.39	0.1	0.03	3.6	0.2	<0.05	7	<0.5	<0.2
1035764	Soil		26	44	0.97	343	0.125	<1	1.79	0.012	0.37	0.1	0.03	3.5	0.2	<0.05	7	<0.5	<0.2
1035765	Soil		21	34	0.68	307	0.087	2	1.80	0.011	0.18	0.1	0.04	3.4	0.2	<0.05	6	<0.5	<0.2
1035766	Soil		16	32	0.66	283	0.085	1	1.84	0.011	0.15	0.1	0.04	3.5	0.2	<0.05	6	0.7	<0.2
1035767	Soil		17	34	0.70	304	0.091	<1	1.98	0.009	0.16	0.1	0.04	3.7	0.1	<0.05	7	0.8	<0.2
1035768	Soil		19	38	0.63	308	0.086	<1	1.96	0.010	0.13	0.1	0.04	4.3	0.2	<0.05	7	0.6	<0.2
1199440	Soil		12	24	0.29	149	0.026	<1	1.03	0.009	0.07	0.2	0.10	2.1	<0.1	0.06	4	0.8	<0.2
1199441	Soil		12	30	0.29	183	0.017	1	1.30	0.007	0.10	0.2	0.19	1.8	0.1	0.12	5	1.0	0.5
1199424	Soil		12	44	0.68	151	0.062	2	1.85	0.009	0.08	0.2	0.05	2.8	0.1	<0.05	6	<0.5	0.2
1199425	Soil		3	10	0.18	32	0.065	<1	0.81	0.019	0.04	<0.1	0.03	0.8	<0.1	<0.05	4	<0.5	<0.2
1199426	Soil		16	23	0.51	168	0.036	1	1.37	0.009	0.09	0.2	0.09	2.1	0.1	<0.05	5	<0.5	<0.2
1199427	Soil		12	20	0.20	248	0.030	3	0.87	0.014	0.08	0.1	0.14	2.2	<0.1	0.16	3	<0.5	<0.2
1199428	Soil		14	24	0.51	143	0.068	<1	1.17	0.013	0.10	0.2	0.03	2.2	<0.1	<0.05	4	<0.5	<0.2
1199429	Soil		18	34	0.71	271	0.082	1	1.72	0.009	0.16	0.2	0.03	2.7	0.2	<0.05	7	<0.5	<0.2
1199430	Soil		15	16	0.15	135	0.032	1	0.79	0.012	0.08	<0.1	0.09	1.4	0.1	0.15	2	1.3	<0.2
1199431	Soil		21	35	0.74	156	0.080	<1	1.82	0.008	0.22	0.1	0.03	2.7	0.2	<0.05	6	<0.5	<0.2

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600 - 666 Burrard St.
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Project: CHA
Report Date: July 17, 2011

CERTIFICATE OF ANALYSIS WHI11000479.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1199433	Soil		0.7	21.5	23.9	85	0.2	23.0	11.2	326	2.98	9.7	1.2	1.1	6.0	16	0.2	0.5	0.3	52	0.23	0.058
1199434	Soil		1.0	27.7	15.5	90	0.1	21.6	10.0	379	3.12	9.5	1.2	<0.5	6.0	15	0.2	0.4	0.3	56	0.18	0.050
1199435	Soil		1.1	21.8	12.4	92	0.1	21.4	12.1	626	3.27	9.8	0.8	<0.5	6.5	19	0.3	0.4	0.2	60	0.22	0.044
1199436	Soil		0.7	26.7	24.1	103	0.2	21.1	10.4	347	2.61	6.3	1.2	3.9	8.3	13	0.3	0.4	0.3	45	0.17	0.042
1197463	Soil		5.9	19.5	28.2	73	<0.1	20.6	10.8	468	3.16	9.3	1.1	<0.5	7.4	12	0.3	0.9	0.3	53	0.10	0.029
1197464	Soil		4.0	13.6	11.6	67	<0.1	10.1	16.3	680	3.83	7.2	1.0	1.5	6.4	9	0.1	2.7	0.1	66	0.08	0.027
1197465	Soil		6.6	9.7	10.4	87	<0.1	6.2	15.2	1359	3.50	3.3	2.0	<0.5	9.1	15	0.1	1.2	0.2	63	0.14	0.027
1197466	Soil		1.9	23.3	13.0	75	<0.1	14.3	13.5	686	3.79	6.1	1.5	1.7	8.8	27	0.2	1.0	0.2	78	0.28	0.031
1197467	Soil		20.2	17.7	7.1	52	<0.1	12.5	11.1	530	3.45	4.9	1.1	1.0	9.6	15	0.1	0.9	0.1	78	0.17	0.041
1197468	Soil		1.6	25.3	11.1	49	<0.1	18.3	10.0	357	3.25	9.0	1.0	3.1	7.1	17	<0.1	0.5	0.2	68	0.16	0.023
1039791	Soil		1.5	18.6	10.5	64	<0.1	17.1	13.0	510	3.24	7.4	0.7	2.2	4.6	17	0.2	0.7	0.1	81	0.21	0.024
1039800	Soil		0.8	17.3	9.8	56	<0.1	20.1	10.4	366	2.91	6.1	0.9	1.6	5.2	19	<0.1	0.4	0.2	68	0.23	0.022
1039885	Soil		1.0	16.7	9.4	74	<0.1	26.7	17.5	631	3.57	7.9	0.7	0.7	5.5	14	0.1	0.5	0.1	73	0.19	0.044
1039884	Soil		0.8	17.7	8.9	84	<0.1	30.0	21.2	836	3.81	6.4	0.7	0.9	6.6	16	<0.1	0.5	0.2	79	0.21	0.046
1039790	Soil		0.7	20.5	10.9	73	<0.1	26.7	14.2	516	3.52	7.3	0.9	1.4	6.7	23	<0.1	0.5	0.2	77	0.29	0.036
1039792	Soil		1.0	20.1	10.6	71	<0.1	15.7	13.8	518	3.29	4.8	0.7	<0.5	4.8	19	0.1	0.7	0.2	79	0.29	0.026
1039793	Soil		1.3	36.5	14.6	56	0.1	16.5	11.5	411	3.36	5.8	1.0	2.1	4.8	21	<0.1	0.6	0.1	84	0.29	0.031
1039794	Soil		2.9	113.2	20.8	69	<0.1	19.2	15.4	611	3.94	5.4	0.8	1.8	3.2	21	0.1	0.8	0.2	91	0.28	0.036
1039795	Soil		3.4	53.6	17.1	77	<0.1	22.9	17.8	602	4.26	7.8	1.1	5.5	5.2	21	<0.1	0.8	0.2	94	0.26	0.038
1039796	Soil		2.9	125.8	16.2	85	<0.1	24.8	23.6	925	5.18	3.9	0.9	3.5	6.1	20	0.1	0.9	0.3	111	0.25	0.038
1039797	Soil		0.7	128.0	10.4	78	<0.1	21.6	18.0	606	4.15	4.7	0.6	<0.5	4.5	17	0.2	0.4	0.2	111	0.25	0.045
1039798	Soil		1.1	187.4	18.7	64	0.2	22.3	15.3	556	3.81	7.8	0.8	1.6	7.1	17	0.1	0.7	0.3	79	0.20	0.041
1039799	Soil		0.9	122.2	14.8	70	0.2	21.6	12.0	435	3.29	7.5	1.2	3.5	5.9	25	<0.1	0.6	0.2	74	0.31	0.041
1197460	Soil		5.1	23.2	11.9	72	<0.1	16.2	11.0	575	2.98	6.7	2.2	2.4	10.4	18	0.2	0.8	0.1	54	0.16	0.021
1197461	Soil		5.5	17.6	10.2	71	<0.1	13.7	8.5	462	2.66	5.7	1.9	<0.5	10.4	20	0.1	0.8	0.1	47	0.20	0.021
1197462	Soil		6.3	32.5	13.6	88	<0.1	27.8	12.2	605	3.32	9.1	1.9	3.3	9.7	29	0.3	0.8	0.2	61	0.30	0.038
1197469	Soil		1.2	21.9	30.9	101	0.1	19.5	10.3	575	2.93	43.0	1.4	2.4	8.0	15	0.5	1.4	0.3	49	0.12	0.020
1197470	Soil		1.4	14.8	22.5	91	0.1	15.3	9.8	481	3.24	32.8	0.8	2.9	5.8	23	0.2	0.9	0.3	72	0.19	0.058
1197451	Soil		1.7	21.2	17.1	66	0.2	20.7	10.3	406	3.20	28.8	1.3	8.0	8.1	15	0.1	0.9	0.5	58	0.11	0.023
1197452	Soil		1.8	19.3	20.3	147	<0.1	13.9	9.7	694	3.07	39.2	1.2	1.1	7.8	12	0.6	1.2	0.3	41	0.12	0.035

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Project: CHA
Report Date: July 17, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1199433	Soil	24	36	0.75	213	0.082	2	2.05	0.009	0.18	0.2	0.06	3.3	0.2	<0.05	7	0.6	<0.2
1199434	Soil	21	35	0.69	191	0.074	2	2.18	0.008	0.19	0.1	0.04	3.3	0.3	<0.05	7	0.6	<0.2
1199435	Soil	21	35	0.69	211	0.108	2	2.12	0.010	0.28	0.1	0.04	2.8	0.3	<0.05	8	0.5	<0.2
1199436	Soil	24	31	0.62	195	0.084	1	1.68	0.007	0.17	0.1	0.04	2.7	0.2	<0.05	5	<0.5	<0.2
1197463	Soil	12	30	0.44	197	0.029	1	2.00	0.008	0.09	0.1	0.02	3.3	0.1	<0.05	4	<0.5	<0.2
1197464	Soil	10	18	0.64	200	0.039	<1	2.19	0.005	0.33	0.4	0.03	3.8	0.2	<0.05	6	<0.5	<0.2
1197465	Soil	17	13	0.61	543	0.094	1	1.88	0.008	0.54	0.2	0.02	5.3	0.3	<0.05	6	<0.5	<0.2
1197466	Soil	22	25	0.88	700	0.109	<1	2.26	0.009	0.43	0.1	0.06	6.5	0.2	<0.05	6	<0.5	<0.2
1197467	Soil	22	23	0.87	280	0.101	<1	1.96	0.007	0.40	0.1	0.02	6.0	0.2	<0.05	6	<0.5	<0.2
1197468	Soil	16	32	0.59	350	0.061	1	2.08	0.008	0.15	0.1	0.04	5.2	0.1	<0.05	6	<0.5	<0.2
1039791	Soil	12	31	0.93	297	0.118	<1	1.86	0.009	0.23	0.1	0.03	4.5	0.2	<0.05	6	<0.5	<0.2
1039800	Soil	16	51	0.84	343	0.106	<1	1.74	0.009	0.15	0.1	0.03	3.4	0.1	<0.05	6	<0.5	<0.2
1039885	Soil	9	69	1.10	142	0.136	1	2.43	0.009	0.27	0.2	0.03	2.9	0.2	<0.05	6	<0.5	<0.2
1039884	Soil	11	87	1.40	176	0.163	<1	2.77	0.010	0.41	0.1	0.04	3.6	0.3	<0.05	7	<0.5	<0.2
1039790	Soil	16	71	1.28	293	0.150	<1	2.16	0.010	0.28	0.1	0.02	3.9	0.2	<0.05	6	<0.5	<0.2
1039792	Soil	13	31	1.04	299	0.126	1	1.99	0.009	0.23	0.1	0.01	4.4	0.2	<0.05	6	0.5	<0.2
1039793	Soil	14	41	1.03	487	0.086	<1	1.93	0.009	0.18	0.2	0.03	6.1	0.1	<0.05	6	<0.5	<0.2
1039794	Soil	12	50	1.28	429	0.075	<1	2.28	0.009	0.16	0.3	0.03	6.1	0.1	<0.05	7	<0.5	<0.2
1039795	Soil	16	56	1.36	390	0.106	1	2.40	0.009	0.20	0.5	0.04	7.1	0.2	<0.05	7	0.5	<0.2
1039796	Soil	16	68	1.78	618	0.096	2	2.74	0.016	0.41	0.4	0.02	12.2	0.2	<0.05	8	<0.5	<0.2
1039797	Soil	14	66	1.86	421	0.170	<1	2.76	0.012	0.57	0.2	0.02	7.6	0.3	<0.05	8	<0.5	<0.2
1039798	Soil	16	51	1.02	251	0.075	<1	2.73	0.007	0.21	0.1	0.03	5.4	0.2	<0.05	8	0.8	<0.2
1039799	Soil	17	45	0.96	438	0.110	<1	1.84	0.011	0.18	0.2	0.06	6.4	0.2	<0.05	6	<0.5	<0.2
1197460	Soil	31	25	0.45	372	0.064	<1	1.41	0.008	0.13	<0.1	0.03	5.1	0.1	<0.05	4	0.7	<0.2
1197461	Soil	23	22	0.45	321	0.082	<1	1.19	0.010	0.15	<0.1	0.02	4.1	0.1	<0.05	4	<0.5	<0.2
1197462	Soil	22	35	0.55	499	0.084	<1	1.80	0.013	0.17	0.1	0.07	6.3	0.1	<0.05	6	<0.5	<0.2
1197469	Soil	18	28	0.39	384	0.036	<1	1.72	0.008	0.07	<0.1	0.03	3.5	<0.1	<0.05	4	0.7	0.3
1197470	Soil	15	29	0.56	320	0.063	<1	1.66	0.022	0.10	0.1	0.03	2.7	<0.1	0.06	4	0.5	<0.2
1197451	Soil	17	33	0.39	456	0.041	<1	2.23	0.009	0.06	0.1	0.05	3.8	0.1	<0.05	5	<0.5	0.4
1197452	Soil	19	21	0.31	219	0.019	<1	1.43	0.007	0.08	0.1	0.03	2.4	<0.1	<0.05	4	<0.5	0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1197453	Soil	1.7	15.7	19.8	73	0.1	14.1	9.5	692	3.07	16.7	0.9	1.5	6.5	11	0.3	1.0	0.2	64	0.09	0.038
1197454	Soil	1.7	20.4	14.8	68	<0.1	16.6	9.0	540	3.01	10.3	1.5	1.4	6.8	15	0.2	0.8	0.3	52	0.11	0.032
1197455	Soil	1.9	20.1	14.3	114	<0.1	20.0	9.5	378	3.59	10.4	0.8	0.8	4.8	13	0.7	0.9	0.2	63	0.10	0.037
1197456	Soil	1.8	18.2	14.4	73	<0.1	18.0	11.1	590	3.03	8.5	1.2	2.0	7.3	11	0.3	0.7	0.2	53	0.08	0.030
1197457	Soil	3.2	16.2	13.0	68	0.1	14.6	8.0	608	2.90	8.5	1.0	2.3	4.4	14	0.3	0.9	0.2	59	0.12	0.043
1197458	Soil	3.6	19.0	17.1	85	<0.1	12.7	7.9	546	2.61	7.9	2.1	1.3	12.0	10	0.2	1.2	0.2	40	0.08	0.022
1197459	Soil	4.4	25.3	14.3	72	0.2	19.9	8.6	405	3.27	10.6	1.3	2.5	7.8	15	0.1	0.6	0.2	65	0.12	0.028

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Report Date: July 17, 2011

CERTIFICATE OF ANALYSIS WHI11000479.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1197453	Soil	13	31	0.37	133	0.041	<1	1.78	0.007	0.07	0.1	0.02	2.5	0.1	<0.05	6	<0.5	<0.2
1197454	Soil	19	29	0.38	331	0.029	<1	2.06	0.009	0.08	0.1	0.05	4.1	0.1	<0.05	5	<0.5	<0.2
1197455	Soil	11	30	0.41	292	0.018	<1	2.25	0.008	0.06	0.1	0.05	3.8	<0.1	<0.05	5	<0.5	<0.2
1197456	Soil	16	27	0.36	333	0.033	<1	2.03	0.008	0.09	0.1	0.03	2.9	0.1	<0.05	5	<0.5	<0.2
1197457	Soil	13	26	0.39	282	0.033	<1	1.62	0.007	0.09	0.1	0.02	2.7	<0.1	<0.05	6	<0.5	<0.2
1197458	Soil	21	20	0.30	166	0.033	<1	1.29	0.006	0.09	<0.1	0.03	3.0	0.1	<0.05	3	<0.5	<0.2
1197459	Soil	16	32	0.48	357	0.037	<1	2.17	0.008	0.09	0.1	0.04	4.2	0.1	<0.05	6	<0.5	<0.2

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600 - 666 Burrard St.
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Project: CHA
Report Date: July 17, 2011

QUALITY CONTROL REPORT WHI11000479.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1053209	Soil	3.9	14.7	15.0	87	<0.1	11.7	12.7	828	4.25	10.1	1.4	<0.5	8.8	11	0.2	1.3	0.2	78	0.10	0.021
REP 1053209	QC	3.9	14.1	15.7	88	<0.1	11.5	12.5	796	4.23	10.0	1.4	0.5	9.1	11	0.2	1.3	0.2	78	0.11	0.020
1199047	Soil	1.2	18.4	26.5	107	<0.1	16.0	9.4	583	2.78	8.6	1.3	2.1	7.2	14	0.6	1.1	0.3	44	0.15	0.042
REP 1199047	QC	1.2	18.4	26.5	106	<0.1	17.0	9.0	579	2.82	8.4	1.3	3.0	7.2	14	0.7	1.0	0.3	46	0.15	0.041
1035724	Soil	1.0	20.0	15.3	52	0.1	19.2	10.1	289	3.07	7.6	0.6	1.3	2.6	19	0.2	0.5	0.2	75	0.17	0.047
REP 1035724	QC	1.1	19.4	15.3	54	0.1	19.6	10.0	289	3.13	7.6	0.6	2.3	2.5	18	0.2	0.5	0.2	73	0.17	0.046
1194240	Soil	1.3	28.6	9.6	62	<0.1	22.7	12.1	416	2.96	5.5	1.1	3.9	9.0	22	0.1	0.6	0.2	57	0.26	0.034
REP 1194240	QC	1.2	27.0	9.1	62	<0.1	23.3	12.1	414	2.91	5.6	1.1	1.3	8.8	22	<0.1	0.6	0.2	57	0.25	0.035
1004415	Soil	1.7	52.0	39.5	86	0.1	19.7	14.3	711	3.81	7.6	1.5	0.7	10.9	17	0.3	1.6	0.4	61	0.32	0.036
REP 1004415	QC	1.6	52.2	38.5	86	0.1	19.6	14.0	683	3.68	7.6	1.6	1.4	10.9	17	0.3	1.6	0.4	60	0.30	0.036
1035756	Soil	0.9	15.5	24.5	78	0.2	16.0	9.0	488	3.17	12.3	0.9	<0.5	6.9	13	0.1	0.7	0.2	46	0.17	0.051
REP 1035756	QC	0.8	15.2	25.1	78	0.2	16.9	9.3	509	3.26	11.8	0.9	<0.5	6.9	13	0.2	0.9	0.2	48	0.18	0.048
1035765	Soil	0.9	28.0	15.8	97	0.2	23.3	10.7	442	2.72	8.8	0.8	3.6	5.2	26	0.2	0.3	0.2	56	0.40	0.075
REP 1035765	QC	0.7	28.0	15.5	99	0.1	23.6	10.7	447	2.81	8.8	0.9	1.4	5.4	27	0.1	0.3	0.2	57	0.41	0.074
1039795	Soil	3.4	53.6	17.1	77	<0.1	22.9	17.8	602	4.26	7.8	1.1	5.5	5.2	21	<0.1	0.8	0.2	94	0.26	0.038
REP 1039795	QC	3.0	51.9	16.9	72	<0.1	21.1	16.8	585	4.03	7.0	1.1	2.5	5.1	20	<0.1	0.7	0.2	89	0.25	0.038
1197455	Soil	1.9	20.1	14.3	114	<0.1	20.0	9.5	378	3.59	10.4	0.8	0.8	4.8	13	0.7	0.9	0.2	63	0.10	0.037
REP 1197455	QC	1.8	20.2	14.6	113	<0.1	19.8	10.0	376	3.59	10.6	0.8	1.4	4.8	13	0.8	0.9	0.2	63	0.10	0.037
Reference Materials																					
STD DS8	Standard	14.4	114.5	136.5	332	1.8	39.9	8.1	631	2.51	27.6	3.1	114.3	7.5	71	2.2	6.2	7.5	44	0.67	0.078
STD DS8	Standard	13.5	111.1	131.9	319	1.8	38.8	7.8	604	2.43	26.8	3.0	118.5	7.5	68	2.3	6.1	7.1	43	0.70	0.079
STD DS8	Standard	12.9	110.5	129.2	308	1.8	39.3	7.5	595	2.35	26.6	2.7	108.4	6.4	60	2.3	5.3	6.6	41	0.63	0.076
STD DS8	Standard	14.0	113.6	126.1	318	1.8	39.7	7.7	624	2.47	26.7	2.7	113.8	6.8	64	2.3	5.4	6.5	43	0.66	0.077
STD DS8	Standard	13.7	114.5	121.9	322	1.7	40.8	7.8	603	2.42	26.3	2.6	120.2	6.6	56	2.3	4.9	5.4	43	0.67	0.085
STD DS8	Standard	14.4	119.2	122.1	354	2.0	41.3	8.5	678	2.71	25.7	2.7	111.8	6.9	64	2.5	5.2	6.2	45	0.74	0.081
STD DS8	Standard	12.6	114.9	133.8	322	1.8	38.5	7.8	606	2.40	26.2	2.9	111.5	6.9	64	2.2	5.9	7.3	44	0.67	0.081
STD DS8	Standard	12.8	116.9	136.0	335	1.8	40.4	7.7	605	2.46	26.6	2.9	122.7	7.2	69	2.2	6.2	7.4	44	0.67	0.085
STD DS8	Standard	13.3	121.4	134.3	333	1.9	39.5	7.7	639	2.55	28.0	2.7	110.0	6.8	64	2.6	6.0	6.4	44	0.70	0.088

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Project: CHA
Report Date: July 17, 2011

QUALITY CONTROL REPORT WHI11000479.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1053209	Soil	23	20	0.75	285	0.082	1	2.09	0.008	0.41	0.1	0.03	8.8	0.3	<0.05	7	<0.5	<0.2
REP 1053209	QC	24	21	0.73	294	0.086	1	2.14	0.009	0.41	<0.1	0.04	9.2	0.3	<0.05	7	<0.5	<0.2
1199047	Soil	23	22	0.36	227	0.032	<1	1.62	0.009	0.09	0.1	0.03	2.7	0.1	<0.05	4	<0.5	<0.2
REP 1199047	QC	23	24	0.36	228	0.035	<1	1.57	0.009	0.10	0.1	0.03	2.7	0.1	<0.05	4	0.6	<0.2
1035724	Soil	10	50	0.64	238	0.112	2	1.98	0.015	0.14	0.1	0.04	2.9	0.1	<0.05	7	<0.5	<0.2
REP 1035724	QC	9	49	0.64	237	0.104	1	1.93	0.013	0.13	0.1	0.04	2.8	0.1	<0.05	7	<0.5	<0.2
1194240	Soil	29	37	0.78	292	0.097	<1	1.73	0.008	0.30	0.1	0.01	4.0	0.2	<0.05	5	<0.5	<0.2
REP 1194240	QC	27	36	0.78	281	0.096	<1	1.69	0.007	0.29	0.1	0.02	4.0	0.3	<0.05	5	<0.5	<0.2
1004415	Soil	33	35	0.63	431	0.037	<1	1.51	0.008	0.30	0.2	0.05	7.0	0.2	<0.05	5	<0.5	<0.2
REP 1004415	QC	34	35	0.64	447	0.035	1	1.53	0.008	0.30	0.1	0.04	7.0	0.2	<0.05	5	0.6	<0.2
1035756	Soil	25	25	0.41	139	0.042	2	1.52	0.006	0.17	0.2	0.04	3.0	0.2	<0.05	5	<0.5	<0.2
REP 1035756	QC	25	26	0.36	139	0.045	2	1.50	0.006	0.18	0.2	0.04	3.2	0.2	<0.05	5	<0.5	<0.2
1035765	Soil	21	34	0.68	307	0.087	2	1.80	0.011	0.18	0.1	0.04	3.4	0.2	<0.05	6	<0.5	<0.2
REP 1035765	QC	20	35	0.64	291	0.087	<1	1.76	0.012	0.18	0.1	0.04	3.5	0.1	<0.05	6	<0.5	<0.2
1039795	Soil	16	56	1.36	390	0.106	1	2.40	0.009	0.20	0.5	0.04	7.1	0.2	<0.05	7	0.5	<0.2
REP 1039795	QC	15	53	1.32	371	0.101	1	2.32	0.010	0.19	0.5	0.04	6.8	0.2	<0.05	7	<0.5	<0.2
1197455	Soil	11	30	0.41	292	0.018	<1	2.25	0.008	0.06	0.1	0.05	3.8	<0.1	<0.05	5	<0.5	<0.2
REP 1197455	QC	12	30	0.40	296	0.018	<1	2.28	0.008	0.07	0.1	0.04	3.9	0.1	<0.05	5	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	15	123	0.63	281	0.118	3	0.89	0.085	0.41	3.2	0.21	1.9	5.5	0.14	5	6.3	5.2
STD DS8	Standard	15	119	0.63	285	0.121	3	0.89	0.082	0.41	3.1	0.19	2.0	5.3	0.15	5	4.9	5.1
STD DS8	Standard	12	115	0.59	270	0.110	2	0.85	0.076	0.40	2.9	0.18	1.8	5.5	0.15	4	5.7	5.1
STD DS8	Standard	13	121	0.59	279	0.114	3	0.85	0.079	0.41	2.9	0.20	1.9	5.7	0.17	4	4.7	4.9
STD DS8	Standard	14	119	0.59	260	0.097	3	0.90	0.085	0.42	2.8	0.22	1.9	5.3	0.16	4	5.9	4.9
STD DS8	Standard	17	131	0.65	304	0.111	3	0.97	0.102	0.47	3.0	0.24	2.2	5.6	0.19	5	5.3	5.6
STD DS8	Standard	12	123	0.61	273	0.115	2	0.89	0.071	0.42	2.9	0.21	1.8	5.4	0.16	4	4.5	4.8
STD DS8	Standard	13	123	0.63	282	0.116	2	0.94	0.082	0.42	3.0	0.20	1.8	5.4	0.17	5	5.7	4.4
STD DS8	Standard	14	120	0.65	281	0.117	3	0.95	0.093	0.44	3.2	0.20	2.1	5.5	0.19	5	6.0	5.1

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Project: CHA
Report Date: July 17, 2011

QUALITY CONTROL REPORT WHI11000479.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8	Standard	13.7	121.9	128.8	336	1.8	42.0	7.8	664	2.65	29.3	2.8	110.8	6.7	63	2.6	5.9	6.3	46	0.72	0.087
STD DS8	Standard	13.3	114.6	120.9	339	1.8	40.6	7.5	658	2.50	29.1	2.6	116.5	6.5	59	2.6	5.5	6.0	44	0.72	0.091
STD DS8	Standard	13.0	118.8	123.0	346	1.8	40.3	7.8	636	2.57	29.1	2.8	111.7	6.7	61	2.6	5.5	6.3	46	0.73	0.090
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Vancouver BC V6C 1H2 Canada

Project: CHA
Report Date: July 17, 2011

QUALITY CONTROL REPORT WHI11000479.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	14	124	0.64	279	0.116	3	0.92	0.089	0.45	2.9	0.20	2.1	5.5	0.18	5	4.9	5.0
STD DS8	Standard	14	120	0.63	280	0.100	<1	0.94	0.085	0.44	3.0	0.19	2.3	5.1	0.17	5	4.9	5.4
STD DS8	Standard	14	119	0.67	297	0.101	3	0.95	0.087	0.45	3.4	0.22	2.2	5.4	0.17	5	5.9	5.4
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Submitted By: Mike Skead
Receiving Lab: Canada-Whitehorse
Received: July 11, 2011
Report Date: July 18, 2011
Page: 1 of 7

CERTIFICATE OF ANALYSIS WHI11000520.1

CLIENT JOB INFORMATION

Project: CHA
Shipment ID: CHA2011-07
P.O. Number
Number of Samples: 158

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	158	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	158	Dry at 60C			WHI
1DX2	158	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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

Project: CHA
Report Date: July 18, 2011

CERTIFICATE OF ANALYSIS WHI11000520.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1095059	Soil	1.6	58.9	11.5	195	<0.1	28.6	30.6	1058	5.13	14.3	0.7	1.3	2.8	22	0.5	0.6	0.3	103	0.23	0.046
1095087	Soil	1.7	37.7	40.5	188	0.3	20.0	8.9	501	3.98	54.1	0.8	7.5	2.7	43	0.8	4.3	0.3	40	0.14	0.045
1095051	Soil	0.8	7.9	14.3	104	<0.1	7.7	20.8	921	4.71	5.2	0.7	1.7	4.9	11	0.1	0.3	0.1	92	0.22	0.068
1095053	Soil	1.3	11.2	17.2	61	<0.1	14.8	6.1	187	1.79	27.4	0.4	4.5	1.7	19	0.1	3.3	0.2	27	0.25	0.027
1095055	Soil	1.9	17.0	19.3	69	0.5	10.2	5.4	112	2.82	60.3	1.0	4.2	4.6	22	0.2	4.0	0.5	19	0.08	0.032
1095057	Soil	3.7	21.8	25.2	59	0.3	13.9	5.9	206	2.25	47.8	1.0	3.6	2.1	39	0.2	4.8	0.3	55	0.12	0.044
1095054	Soil	1.8	60.5	14.1	221	0.4	20.5	21.0	722	5.33	6.2	1.6	3.8	3.4	12	2.5	1.7	0.2	47	0.31	0.050
1095061	Soil	1.4	49.8	9.7	83	0.1	25.2	13.4	425	3.28	23.7	1.2	6.4	2.9	23	0.3	1.4	0.2	56	0.19	0.032
1095058	Soil	2.7	19.9	9.8	171	0.1	23.0	14.0	880	4.32	10.4	0.8	1.3	2.3	18	0.8	2.6	0.2	36	0.13	0.045
1095052	Soil	1.1	14.3	9.9	162	<0.1	14.4	12.6	421	3.58	38.1	0.6	<0.5	2.4	25	0.3	2.0	0.1	46	0.16	0.060
1095056	Soil	3.5	16.6	31.1	32	0.5	10.6	3.0	110	1.99	75.0	0.7	4.2	0.8	26	0.1	7.7	0.4	46	0.08	0.046
1095060	Soil	1.6	124.8	7.7	180	<0.1	46.0	21.4	399	4.19	58.0	1.8	2.9	4.7	24	0.4	2.4	0.2	73	0.16	0.048
1095073	Soil	0.9	12.7	20.1	66	<0.1	17.5	7.9	394	2.69	4.9	0.9	2.0	8.3	11	0.2	0.5	0.2	39	0.07	0.036
1095074	Soil	0.7	17.2	15.5	65	<0.1	17.4	8.7	274	3.11	6.9	0.7	2.8	7.1	10	0.1	0.5	0.3	49	0.08	0.024
1095086	Soil	1.0	84.1	39.4	266	0.3	18.8	10.8	693	4.00	8.6	1.2	2.9	11.1	22	0.7	1.2	0.6	45	0.31	0.071
1095078	Soil	0.7	21.2	16.9	60	<0.1	18.4	11.2	1128	3.21	3.5	1.4	1.5	11.1	15	<0.1	0.5	0.2	16	0.20	0.038
1035744	Soil	0.8	21.0	9.3	64	<0.1	18.5	8.7	382	2.96	6.5	1.0	3.7	5.0	23	0.1	0.5	0.2	53	0.25	0.045
1035743	Soil	0.6	19.4	12.4	55	<0.1	13.2	10.1	488	3.24	5.1	1.0	<0.5	5.5	19	<0.1	0.4	0.3	43	0.23	0.047
1035666	Soil	0.6	41.4	8.0	67	<0.1	22.7	11.5	333	3.70	8.7	1.0	2.3	7.7	15	<0.1	0.5	0.4	61	0.15	0.050
1035736	Soil	0.5	19.6	29.1	71	0.1	16.3	7.6	315	2.44	7.3	1.1	3.0	7.8	19	0.2	0.9	0.2	31	0.17	0.023
1035750	Soil	1.8	22.6	21.8	116	0.1	21.2	9.2	381	3.71	5.6	2.3	2.5	8.9	20	0.3	0.6	0.3	29	0.25	0.075
1035654	Soil	0.5	11.8	12.1	57	<0.1	12.6	8.4	500	2.37	6.3	0.7	3.5	4.1	28	<0.1	0.4	0.2	36	0.37	0.070
1035738	Soil	0.7	36.5	37.6	76	<0.1	20.1	13.8	930	3.89	6.0	1.9	<0.5	20.8	15	0.2	0.7	0.3	20	0.12	0.044
1035748	Soil	0.6	22.8	32.6	98	0.1	15.8	7.1	275	2.32	5.0	1.0	2.6	3.3	17	0.3	0.3	0.4	42	0.16	0.043
1035735	Soil	0.7	20.9	561.7	462	1.0	14.8	9.8	730	2.94	22.7	1.4	2.8	7.1	20	2.7	2.1	0.2	23	0.26	0.052
1035741	Soil	0.5	13.4	9.9	78	<0.1	14.5	9.9	383	3.27	4.7	0.7	3.5	4.9	18	0.1	0.4	0.2	55	0.19	0.056
1035749	Soil	0.6	22.7	12.1	106	0.1	11.4	11.1	552	4.39	1.9	1.2	0.7	10.5	21	0.2	0.3	0.3	54	0.38	0.130
1035737	Soil	0.7	13.0	20.4	37	0.2	9.8	3.9	147	1.95	5.2	0.5	5.1	2.3	20	0.3	0.4	0.3	56	0.16	0.022
1035745	Soil	0.8	22.3	12.5	72	<0.1	17.3	9.4	462	3.23	7.9	0.9	3.3	6.8	14	<0.1	0.5	0.2	45	0.15	0.045
1035652	Soil	0.7	17.7	19.7	69	0.2	13.1	6.9	245	2.41	6.8	1.3	4.9	3.8	19	0.2	0.6	0.3	37	0.20	0.074

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Project: CHA
Report Date: July 18, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1095059	Soil		16	36	1.72	1166	0.150	<1	2.55	0.012	0.76	<0.1	0.01	9.1	0.2	<0.05	8	<0.5	<0.2
1095087	Soil		9	24	0.26	672	0.011	1	0.89	0.009	0.12	0.2	0.37	6.9	0.2	0.08	3	1.4	0.4
1095051	Soil		13	12	1.27	722	0.082	<1	2.36	0.013	0.63	<0.1	0.06	10.9	0.2	<0.05	7	<0.5	<0.2
1095053	Soil		7	25	0.29	275	0.005	<1	1.08	0.008	0.09	<0.1	0.29	2.6	<0.1	<0.05	3	<0.5	<0.2
1095055	Soil		13	15	0.06	232	0.002	<1	0.51	0.007	0.19	0.1	0.25	2.9	0.6	0.32	2	1.0	<0.2
1095057	Soil		11	24	0.32	309	0.029	1	1.19	0.007	0.06	0.2	0.22	3.7	0.2	<0.05	4	1.4	0.3
1095054	Soil		10	10	0.21	550	0.002	2	1.18	0.005	0.13	<0.1	0.33	15.8	<0.1	<0.05	3	0.6	<0.2
1095061	Soil		12	26	0.37	933	0.014	1	1.39	0.009	0.09	<0.1	0.21	10.0	<0.1	<0.05	4	<0.5	0.2
1095058	Soil		5	7	0.11	415	0.001	<1	0.58	0.004	0.14	0.1	0.24	12.0	<0.1	<0.05	1	0.8	<0.2
1095052	Soil		7	10	0.15	278	0.007	<1	0.68	0.004	0.07	0.1	0.16	8.7	<0.1	<0.05	2	2.1	<0.2
1095056	Soil		9	24	0.20	184	0.019	<1	1.05	0.009	0.07	0.1	0.24	1.8	0.1	<0.05	5	1.1	0.2
1095060	Soil		13	21	0.82	1019	0.064	<1	1.84	0.010	0.63	<0.1	0.04	10.2	0.4	<0.05	5	0.5	<0.2
1095073	Soil		25	25	0.41	231	0.051	<1	1.51	0.007	0.25	0.2	0.03	2.9	0.2	<0.05	5	<0.5	<0.2
1095074	Soil		21	25	0.49	193	0.063	1	1.98	0.008	0.24	<0.1	0.02	2.7	0.2	<0.05	7	<0.5	<0.2
1095086	Soil		29	23	0.47	650	0.033	<1	1.19	0.007	0.31	0.1	0.17	8.1	0.2	<0.05	4	<0.5	<0.2
1095078	Soil		31	11	0.17	278	0.005	<1	0.81	0.004	0.18	<0.1	0.05	3.9	0.1	<0.05	2	<0.5	<0.2
1035744	Soil		23	31	0.70	406	0.086	<1	1.69	0.010	0.19	<0.1	0.04	4.5	0.1	<0.05	5	<0.5	<0.2
1035743	Soil		24	20	0.56	362	0.056	<1	1.49	0.007	0.24	<0.1	0.01	3.9	0.2	<0.05	4	<0.5	<0.2
1035666	Soil		30	36	0.82	246	0.136	<1	2.29	0.011	0.40	0.1	0.03	3.8	0.3	<0.05	7	<0.5	<0.2
1035736	Soil		24	18	0.29	378	0.016	<1	0.96	0.007	0.08	<0.1	0.02	3.4	<0.1	<0.05	3	<0.5	<0.2
1035750	Soil		37	20	0.35	293	0.024	2	1.09	0.006	0.29	0.2	0.03	3.5	0.2	<0.05	3	<0.5	<0.2
1035654	Soil		19	20	0.38	287	0.030	<1	1.20	0.011	0.09	0.2	0.05	2.8	0.1	<0.05	4	<0.5	<0.2
1035738	Soil		50	18	0.33	195	0.006	<1	1.12	0.004	0.11	<0.1	0.02	4.2	0.1	<0.05	3	<0.5	<0.2
1035748	Soil		22	27	0.49	207	0.074	<1	1.63	0.010	0.24	<0.1	0.05	2.5	0.2	<0.05	6	<0.5	<0.2
1035735	Soil		17	17	0.20	280	0.002	<1	1.01	0.006	0.10	0.1	0.18	3.8	0.1	<0.05	2	<0.5	<0.2
1035741	Soil		21	32	0.83	377	0.064	<1	2.33	0.009	0.23	<0.1	<0.01	3.0	0.2	<0.05	8	<0.5	<0.2
1035749	Soil		46	18	0.90	593	0.147	<1	2.27	0.010	0.93	<0.1	0.02	7.9	0.3	<0.05	8	<0.5	<0.2
1035737	Soil		14	22	0.25	276	0.041	<1	1.41	0.009	0.06	<0.1	0.03	1.9	0.1	<0.05	7	<0.5	<0.2
1035745	Soil		22	29	0.53	207	0.046	<1	1.80	0.007	0.15	0.1	0.04	3.0	0.1	<0.05	5	<0.5	<0.2
1035652	Soil		24	21	0.37	241	0.032	<1	1.40	0.012	0.15	0.1	0.08	3.0	0.1	<0.05	4	<0.5	<0.2

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1035653	Soil	0.9	14.9	18.4	56	0.1	12.8	7.8	270	3.54	10.9	1.3	4.3	2.2	24	0.3	0.4	0.7	52	0.25	0.083
1035732	Soil	0.6	10.4	45.6	68	<0.1	13.5	5.9	255	2.11	9.3	0.4	1.9	2.5	16	0.3	0.7	0.2	40	0.17	0.026
1148017	Soil	1.5	19.4	11.6	47	0.2	16.1	7.0	204	2.28	14.3	0.7	4.7	2.1	28	0.4	3.1	0.3	51	0.11	0.032
1148020	Soil	2.7	13.9	11.4	38	0.3	12.0	4.7	153	2.08	69.4	0.6	4.1	1.7	18	0.2	11.2	0.2	43	0.08	0.030
1148018	Soil	1.3	26.2	11.1	60	0.1	20.9	9.3	316	2.82	21.9	0.9	4.9	3.7	28	0.3	2.2	0.3	57	0.16	0.055
1148022	Soil	2.9	15.2	22.1	46	0.1	26.7	6.3	227	3.02	35.4	0.5	3.3	1.2	12	0.1	2.3	0.3	57	0.08	0.034
1148019	Soil	5.8	49.7	19.5	33	0.8	14.5	4.0	106	2.28	36.5	2.5	7.2	0.1	32	0.3	4.5	0.3	49	0.10	0.073
1148013	Soil	1.1	12.0	8.1	20	<0.1	5.8	1.9	51	0.87	3.8	0.4	2.3	<0.1	12	0.3	0.5	0.2	29	0.06	0.047
1148014	Soil	1.1	20.8	10.7	48	0.1	12.5	5.5	188	2.37	7.9	1.1	3.5	0.2	19	0.2	1.5	0.1	42	0.12	0.066
1042864	Soil	4.1	19.7	18.3	48	0.2	14.5	6.7	277	2.66	77.3	0.8	5.7	2.0	14	0.1	7.2	0.2	42	0.06	0.035
1148015	Soil	1.1	12.8	5.8	17	0.5	4.3	1.8	59	0.79	3.7	0.7	2.3	0.1	14	0.1	0.5	0.1	18	0.05	0.056
1148027	Soil	0.7	35.9	12.4	87	<0.1	13.5	22.3	1096	5.43	4.1	0.4	2.0	1.3	26	0.3	1.0	0.1	85	0.22	0.083
1148025	Soil	3.5	37.9	32.0	223	0.3	42.4	28.5	1166	7.68	21.5	0.8	1.5	3.3	27	0.3	2.8	0.3	73	0.36	0.087
1042870	Soil	1.0	13.8	11.2	119	0.1	12.8	13.3	312	4.11	36.3	1.0	0.8	2.9	28	0.2	2.3	<0.1	47	0.15	0.045
1042867	Soil	4.2	33.0	17.3	156	0.4	12.5	12.5	169	3.93	19.9	0.3	<0.5	1.4	28	0.1	3.4	0.4	37	0.05	0.053
1042869	Soil	0.3	128.4	12.8	64	0.2	16.5	18.4	382	4.44	3.3	1.3	3.2	3.5	55	0.3	0.4	<0.1	79	1.08	0.292
1148024	Soil	2.8	5.4	14.0	28	0.1	5.9	2.4	58	1.64	43.5	0.4	0.8	2.1	16	<0.1	3.6	0.2	27	0.14	0.012
1148023	Soil	0.9	18.7	8.5	131	<0.1	23.9	16.4	483	5.30	31.8	1.3	<0.5	1.7	32	0.1	1.8	<0.1	62	0.24	0.076
1148001	Soil	2.4	21.5	45.0	65	0.2	13.2	4.2	114	1.82	15.8	1.1	2.0	2.9	12	0.3	5.7	0.2	36	0.13	0.041
1148009	Soil	1.4	29.2	14.2	20	0.4	6.6	2.0	60	1.30	3.5	0.7	<0.5	0.3	21	1.6	0.4	0.3	37	0.09	0.041
1148026	Soil	1.6	19.0	12.6	97	0.2	18.8	15.2	706	3.81	22.5	0.6	0.8	1.3	20	0.1	3.9	0.2	48	0.19	0.114
1148004	Soil	0.9	16.7	36.0	81	0.1	11.0	8.3	545	2.68	23.7	0.5	<0.5	1.3	18	0.2	3.2	0.4	37	0.10	0.059
1148011	Soil	4.9	30.1	10.6	56	0.3	20.7	8.2	259	2.85	16.3	1.2	4.9	3.4	29	0.3	3.2	0.2	51	0.17	0.083
1148007	Soil	1.2	7.7	15.7	27	<0.1	6.5	2.5	101	1.54	7.0	0.4	3.9	0.8	11	0.2	0.4	0.2	59	0.08	0.020
1148006	Soil	0.6	6.8	19.8	40	<0.1	10.1	4.3	207	1.36	6.6	0.3	<0.5	1.6	12	0.2	0.5	0.1	36	0.12	0.023
1148008	Soil	1.1	16.6	22.8	36	<0.1	6.3	2.4	127	1.90	122.7	0.4	<0.5	0.9	26	0.2	10.5	0.1	26	0.05	0.028
1148012	Soil	1.6	21.2	13.8	71	<0.1	25.8	12.8	362	3.35	12.9	0.7	4.0	4.4	17	0.4	1.3	0.2	69	0.15	0.032
1148005	Soil	0.6	7.9	21.4	44	<0.1	6.1	4.2	406	1.10	6.6	0.4	1.6	0.1	11	0.2	0.6	0.1	25	0.07	0.034
1148010	Soil	1.7	21.4	15.2	55	<0.1	17.9	7.0	217	2.26	10.4	0.7	2.6	1.9	24	0.3	2.3	0.1	51	0.22	0.038
1148003	Soil	1.2	15.1	39.4	49	0.1	13.6	6.2	220	2.49	23.1	0.6	2.9	2.5	17	0.2	3.7	0.2	46	0.11	0.031

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

Project: CHA
Report Date: July 18, 2011

CERTIFICATE OF ANALYSIS WHI11000520.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1035653	Soil		20	19	0.33	256	0.023	<1	1.22	0.010	0.09	0.2	0.06	2.6	0.1	<0.05	3	<0.5	<0.2
1035732	Soil		10	22	0.40	218	0.022	<1	1.50	0.007	0.11	0.1	0.02	1.8	0.1	<0.05	5	<0.5	<0.2
1148017	Soil		10	26	0.34	205	0.028	<1	1.67	0.007	0.07	0.2	0.11	3.2	<0.1	<0.05	5	<0.5	<0.2
1148020	Soil		10	23	0.29	130	0.024	<1	1.33	0.006	0.08	0.2	0.12	2.1	0.1	<0.05	4	<0.5	<0.2
1148018	Soil		13	31	0.48	264	0.041	<1	1.95	0.008	0.07	0.2	0.13	4.6	0.2	<0.05	5	<0.5	<0.2
1148022	Soil		8	50	0.25	83	0.030	2	1.51	0.006	0.07	0.2	0.05	1.5	0.1	0.12	6	<0.5	<0.2
1148019	Soil		10	33	0.16	219	0.008	2	1.78	0.010	0.08	0.1	0.24	0.6	0.1	0.08	6	4.2	<0.2
1148013	Soil		5	13	0.06	47	0.009	1	0.59	0.009	0.03	<0.1	0.04	<0.1	<0.1	<0.05	4	<0.5	<0.2
1148014	Soil		9	21	0.26	261	0.009	1	1.65	0.010	0.05	0.2	0.08	1.2	0.1	<0.05	5	1.3	<0.2
1042864	Soil		7	28	0.19	123	0.012	2	1.38	0.007	0.07	0.1	0.24	2.6	0.2	0.06	4	1.7	0.2
1148015	Soil		4	10	0.04	116	0.017	1	0.50	0.017	0.04	0.1	0.04	0.7	<0.1	<0.05	2	<0.5	<0.2
1148027	Soil		3	11	0.10	897	<0.001	<1	0.92	0.005	0.12	<0.1	0.04	17.0	<0.1	<0.05	2	<0.5	<0.2
1148025	Soil		8	33	0.18	527	0.003	<1	1.23	0.007	0.12	<0.1	0.24	15.4	0.1	0.07	4	1.6	<0.2
1042870	Soil		7	16	0.20	282	0.007	<1	1.19	0.007	0.07	<0.1	0.32	6.5	<0.1	<0.05	3	<0.5	<0.2
1042867	Soil		3	12	0.04	100	0.001	<1	0.74	0.008	0.17	<0.1	0.04	6.8	0.1	0.23	2	1.3	<0.2
1042869	Soil		20	30	0.25	1100	0.004	<1	1.15	0.013	0.12	<0.1	0.12	15.3	0.1	0.10	4	0.8	<0.2
1148024	Soil		5	17	0.15	116	0.011	2	0.64	0.004	0.06	0.1	0.47	2.6	0.1	<0.05	3	1.2	<0.2
1148023	Soil		5	21	0.13	674	0.003	<1	1.15	0.004	0.06	0.1	0.52	7.3	0.1	<0.05	4	<0.5	<0.2
1148001	Soil		13	19	0.33	107	0.015	1	1.17	0.006	0.07	0.1	0.04	1.6	<0.1	<0.05	3	1.1	<0.2
1148009	Soil		10	17	0.03	175	0.037	1	1.00	0.009	0.03	<0.1	0.05	0.7	0.1	<0.05	5	0.8	<0.2
1148026	Soil		3	26	0.10	251	0.002	<1	1.15	0.009	0.11	<0.1	0.27	7.0	0.1	<0.05	3	0.9	<0.2
1148004	Soil		6	20	0.38	186	0.008	<1	1.19	0.005	0.09	<0.1	0.03	2.6	0.1	0.05	4	1.6	<0.2
1148011	Soil		11	31	0.38	275	0.022	1	1.94	0.009	0.11	0.2	0.15	2.4	0.1	0.07	5	1.2	<0.2
1148007	Soil		11	17	0.16	113	0.031	<1	1.41	0.006	0.07	<0.1	0.04	1.1	0.1	<0.05	8	<0.5	<0.2
1148006	Soil		9	17	0.26	100	0.034	1	0.98	0.007	0.07	<0.1	0.03	1.1	<0.1	<0.05	4	<0.5	<0.2
1148008	Soil		3	11	0.12	218	0.002	1	1.19	0.010	0.14	0.1	0.69	0.8	0.3	0.15	4	<0.5	<0.2
1148012	Soil		11	39	0.44	233	0.067	1	2.49	0.010	0.07	0.1	0.03	3.5	<0.1	<0.05	6	<0.5	<0.2
1148005	Soil		6	12	0.14	166	0.007	<1	0.99	0.009	0.07	<0.1	0.04	0.5	<0.1	<0.05	4	<0.5	<0.2
1148010	Soil		12	30	0.39	317	0.029	1	1.52	0.009	0.06	0.2	0.13	2.5	<0.1	<0.05	5	<0.5	<0.2
1148003	Soil		12	23	0.30	199	0.022	<1	1.49	0.008	0.07	0.1	0.06	1.9	0.1	<0.05	5	0.5	<0.2

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Project: CHA
Report Date: July 18, 2011

CERTIFICATE OF ANALYSIS WHI11000520.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1042863	Soil	1.6	25.1	12.5	66	<0.1	18.3	14.6	617	4.38	19.1	0.5	4.4	3.1	9	<0.1	2.1	0.2	91	0.09	0.027
1148002	Soil	1.4	19.6	26.9	57	0.2	15.4	7.3	204	2.79	17.8	0.7	2.0	3.3	12	0.4	3.1	0.2	51	0.07	0.033
1095026	Soil	0.7	25.3	25.7	143	<0.1	34.3	21.9	496	4.88	3.4	1.4	0.6	21.1	6	0.2	<0.1	0.3	69	0.16	0.087
1095021	Soil	1.1	15.1	12.8	87	<0.1	18.0	7.7	306	2.36	7.9	0.6	1.2	3.5	16	0.2	0.4	0.1	50	0.20	0.049
1095020	Soil	0.5	63.2	44.0	280	<0.1	25.2	9.4	320	3.72	12.7	1.7	1.3	16.8	27	0.2	0.7	0.6	35	0.31	0.074
1095014	Soil	0.4	14.7	8.5	71	<0.1	23.4	9.1	298	3.04	5.8	1.0	<0.5	16.3	20	<0.1	0.2	0.3	36	0.29	0.082
1095005	Soil	0.8	26.5	11.9	73	<0.1	29.2	13.2	531	3.61	6.4	1.2	2.6	9.1	22	0.1	0.7	0.1	74	0.38	0.044
1095010	Soil	0.8	80.8	10.7	66	<0.1	20.1	10.6	331	3.22	6.5	1.2	3.1	11.3	24	<0.1	0.3	0.3	60	0.34	0.062
1095018	Soil	0.4	37.9	27.5	52	0.1	22.0	12.9	549	3.03	8.8	1.5	0.9	46.5	24	0.1	0.3	0.3	21	0.60	0.197
1095002	Soil	1.2	21.7	13.3	103	<0.1	32.4	19.9	750	4.64	6.0	0.7	<0.5	5.2	21	0.1	0.6	0.1	96	0.27	0.050
1095009	Soil	0.8	40.1	12.2	54	<0.1	14.1	4.7	255	1.84	4.3	0.8	1.2	7.6	22	0.1	0.9	0.2	28	0.27	0.033
1095012	Soil	0.7	43.3	9.4	62	<0.1	23.5	14.3	419	3.72	9.2	1.2	0.9	7.8	29	<0.1	0.4	0.7	72	0.43	0.063
1095004	Soil	0.6	33.3	16.4	73	<0.1	30.7	16.2	919	4.06	4.8	1.7	1.7	18.8	35	0.1	0.7	0.1	88	0.48	0.062
1095007	Soil	1.1	23.5	22.6	70	<0.1	22.6	10.6	540	2.92	5.1	1.6	1.5	15.5	20	0.2	0.8	0.2	53	0.23	0.047
1095008	Soil	1.1	61.6	14.2	58	0.1	23.3	8.0	283	2.55	8.6	1.3	8.0	4.0	29	0.1	0.8	0.2	51	0.31	0.051
1095011	Soil	1.1	78.9	17.5	84	0.1	17.8	14.7	910	4.06	4.6	1.7	2.1	19.0	23	<0.1	0.2	1.8	84	0.50	0.100
1095006	Soil	0.7	32.7	11.3	74	<0.1	40.2	20.4	1074	4.31	3.1	1.4	<0.5	13.6	36	0.1	0.9	<0.1	97	0.53	0.065
1095001	Soil	1.3	27.0	11.2	71	<0.1	32.4	12.4	427	3.48	6.8	1.5	1.4	11.1	29	0.1	0.9	0.2	70	0.52	0.048
1095003	Soil	1.2	34.2	15.5	86	<0.1	31.0	14.1	516	4.04	6.7	1.8	1.6	12.3	27	0.1	0.9	0.2	77	0.39	0.053
1095031	Soil	1.2	21.9	29.8	97	<0.1	26.5	14.0	745	4.31	4.1	0.5	<0.5	6.6	8	<0.1	0.2	0.5	93	0.09	0.038
1095029	Soil	0.5	47.3	16.6	111	<0.1	14.5	24.2	516	5.42	2.2	1.0	0.7	5.0	10	0.3	0.3	0.2	176	0.28	0.078
1095030	Soil	0.5	23.7	23.6	138	<0.1	20.1	14.4	616	4.26	3.4	1.1	<0.5	17.7	15	0.4	0.3	0.5	59	0.22	0.064
1095023	Soil	0.6	14.0	18.7	100	<0.1	27.9	16.3	625	3.69	2.2	0.9	<0.5	18.2	9	<0.1	0.2	0.3	44	0.14	0.059
1095033	Soil	0.7	31.2	6.2	70	<0.1	11.5	21.6	668	4.90	2.1	0.4	<0.5	3.3	5	<0.1	0.3	<0.1	144	0.25	0.045
1095028	Soil	0.8	27.3	22.1	104	<0.1	30.1	14.9	373	3.93	4.7	1.6	<0.5	15.0	11	<0.1	0.3	0.3	49	0.14	0.051
1095022	Soil	0.9	18.3	18.5	52	<0.1	18.8	7.2	206	2.53	8.2	0.8	2.4	4.1	18	<0.1	0.5	0.2	55	0.16	0.033
1095025	Soil	0.9	19.5	18.9	74	<0.1	22.0	10.9	344	3.27	8.5	1.0	1.3	11.1	14	0.3	0.5	0.2	58	0.12	0.023
1095027	Soil	1.2	29.2	16.5	96	<0.1	26.0	15.3	454	4.50	6.7	1.3	0.9	11.5	10	0.2	0.4	0.3	80	0.09	0.034
1095024	Soil	1.1	27.2	45.8	154	0.1	24.7	12.3	433	4.42	18.8	2.7	<0.5	18.6	19	0.1	0.9	0.3	51	0.27	0.068
1095015	Soil	1.2	27.5	10.5	64	<0.1	35.8	12.8	440	3.85	9.4	1.7	0.9	9.0	25	0.1	0.5	0.3	67	0.29	0.065

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1042863	Soil	7	25	0.27	119	0.019	<1	1.85	0.006	0.07	<0.1	0.04	5.4	0.1	<0.05	6	0.9	<0.2
1148002	Soil	10	25	0.29	156	0.014	<1	1.78	0.007	0.06	0.1	0.03	2.3	0.1	<0.05	5	<0.5	<0.2
1095026	Soil	62	91	1.37	189	0.225	<1	2.88	0.010	1.27	<0.1	<0.01	8.7	0.7	<0.05	10	<0.5	<0.2
1095021	Soil	12	27	0.49	194	0.065	<1	1.58	0.011	0.13	0.1	0.02	2.4	0.1	<0.05	5	<0.5	<0.2
1095020	Soil	18	24	0.32	433	0.030	<1	1.43	0.006	0.28	<0.1	0.03	4.3	0.2	<0.05	5	1.2	<0.2
1095014	Soil	54	36	0.69	417	0.128	<1	1.60	0.009	0.63	<0.1	0.02	4.4	0.3	<0.05	5	<0.5	<0.2
1095005	Soil	22	64	0.85	386	0.073	1	1.88	0.012	0.22	0.2	0.05	9.0	0.2	<0.05	6	<0.5	<0.2
1095010	Soil	37	34	0.79	349	0.135	<1	1.90	0.012	0.36	<0.1	0.01	5.6	0.2	<0.05	6	<0.5	<0.2
1095018	Soil	129	20	0.69	249	0.076	<1	1.63	0.008	0.61	<0.1	0.06	3.5	0.3	<0.05	4	0.5	<0.2
1095002	Soil	11	98	1.50	368	0.140	<1	2.62	0.009	0.49	0.2	0.03	6.5	0.4	<0.05	9	<0.5	<0.2
1095009	Soil	13	20	0.27	458	0.015	<1	0.99	0.007	0.12	0.1	0.02	3.5	<0.1	<0.05	3	<0.5	<0.2
1095012	Soil	22	38	0.72	410	0.102	1	1.72	0.012	0.32	0.1	0.05	9.3	0.2	<0.05	5	0.8	<0.2
1095004	Soil	35	94	1.60	406	0.120	1	2.52	0.011	0.60	0.2	0.03	12.1	0.4	<0.05	8	<0.5	<0.2
1095007	Soil	23	44	0.52	285	0.053	1	1.45	0.009	0.17	0.1	0.02	5.6	<0.1	<0.05	4	<0.5	<0.2
1095008	Soil	18	36	0.42	601	0.047	1	1.76	0.010	0.07	0.1	0.05	4.8	<0.1	<0.05	5	<0.5	<0.2
1095011	Soil	57	20	1.15	436	0.166	<1	2.33	0.010	1.21	<0.1	0.03	8.9	0.6	<0.05	7	<0.5	<0.2
1095006	Soil	28	141	1.84	594	0.143	<1	2.62	0.010	0.57	0.1	0.03	13.7	0.5	<0.05	9	<0.5	<0.2
1095001	Soil	24	76	0.89	379	0.091	2	2.06	0.009	0.27	0.2	0.06	9.3	0.2	<0.05	6	<0.5	<0.2
1095003	Soil	22	68	0.88	305	0.091	1	1.90	0.011	0.32	0.1	0.04	9.5	0.2	<0.05	6	<0.5	<0.2
1095031	Soil	17	71	1.51	236	0.245	<1	2.86	0.008	0.75	0.1	0.01	4.5	0.4	<0.05	12	<0.5	<0.2
1095029	Soil	13	18	1.04	203	0.212	<1	2.93	0.023	0.87	<0.1	0.02	9.1	0.5	<0.05	9	<0.5	<0.2
1095030	Soil	52	43	1.19	353	0.205	<1	2.83	0.009	1.09	0.1	0.01	5.8	0.6	<0.05	8	<0.5	<0.2
1095023	Soil	23	42	0.98	307	0.215	<1	2.42	0.011	1.17	<0.1	<0.01	5.9	0.6	<0.05	8	0.5	<0.2
1095033	Soil	6	20	0.87	187	0.151	<1	2.52	0.026	0.69	<0.1	0.01	8.6	0.3	<0.05	7	<0.5	<0.2
1095028	Soil	47	35	0.86	269	0.184	<1	2.38	0.008	0.67	0.1	0.02	4.2	0.4	<0.05	7	<0.5	<0.2
1095022	Soil	13	30	0.40	255	0.053	1	2.04	0.009	0.07	0.2	0.05	2.9	0.1	<0.05	6	<0.5	<0.2
1095025	Soil	24	35	0.64	212	0.091	1	2.22	0.009	0.25	0.1	0.02	3.5	0.2	<0.05	7	<0.5	<0.2
1095027	Soil	30	42	0.89	172	0.167	1	2.56	0.011	0.55	0.1	<0.01	5.0	0.4	<0.05	8	<0.5	<0.2
1095024	Soil	42	32	0.75	467	0.111	<1	1.70	0.009	0.70	0.1	0.04	8.4	0.3	<0.05	6	<0.5	<0.2
1095015	Soil	30	76	0.84	440	0.140	<1	2.07	0.011	0.54	0.1	0.03	7.8	0.3	<0.05	7	<0.5	<0.2

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

Project: CHA
Report Date: July 18, 2011

CERTIFICATE OF ANALYSIS WHI11000520.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1095013	Soil	1.0	59.2	12.8	62	<0.1	26.4	11.1	451	3.26	10.5	1.5	0.8	25.5	19	0.1	0.4	1.8	36	0.38	0.070
1095017	Soil	0.9	15.1	12.1	49	<0.1	20.6	10.0	264	3.17	6.9	0.8	1.3	11.0	11	<0.1	0.3	0.4	60	0.08	0.029
1053232	Soil	1.0	24.4	28.6	82	0.1	17.4	8.9	208	2.40	11.2	0.9	1.4	4.2	20	0.2	1.7	0.3	55	0.28	0.043
1095019	Soil	0.6	39.3	17.2	131	<0.1	10.8	18.0	834	6.24	11.9	1.2	1.4	4.1	30	0.4	1.0	0.2	130	0.47	0.129
1095016	Soil	0.7	23.9	8.8	68	<0.1	26.1	15.1	406	3.90	4.8	1.3	<0.5	22.3	12	<0.1	0.2	0.3	48	0.09	0.038
1095032	Soil	0.6	49.3	5.4	65	<0.1	10.1	20.8	639	4.61	1.6	0.3	<0.5	2.8	6	0.2	0.2	<0.1	153	0.34	0.048
1053233	Soil	1.6	60.1	56.4	118	0.7	29.3	13.3	534	3.59	45.3	1.2	0.5	4.9	26	0.6	3.2	0.6	54	0.28	0.053
1053230	Soil	1.6	24.5	38.9	121	0.2	18.5	10.7	577	3.12	22.2	0.6	0.7	3.1	27	0.4	2.1	0.4	69	0.40	0.032
1053242	Soil	3.6	55.5	69.2	92	1.3	18.5	11.4	490	4.41	31.5	1.0	5.4	0.9	50	0.7	3.6	0.4	72	0.12	0.092
1053246	Soil	3.6	16.9	185.0	62	1.7	13.1	6.4	486	4.49	53.4	0.4	10.4	2.9	27	0.5	13.7	3.0	43	0.12	0.111
1053235	Soil	0.8	20.7	107.5	82	0.2	16.9	10.5	528	3.22	41.5	1.0	1.5	6.7	20	<0.1	1.8	0.4	53	0.26	0.040
1053227	Soil	2.7	233.2	551.5	1516	5.1	28.5	15.5	2619	4.84	289.5	1.5	7.4	3.2	29	7.0	38.1	2.8	60	0.42	0.080
1053249	Soil	1.9	19.8	92.4	67	1.1	14.1	8.6	205	3.75	19.2	0.8	11.0	4.0	37	0.1	6.3	1.1	55	0.24	0.112
1053243	Soil	3.0	57.4	25.0	63	0.9	13.4	9.3	180	3.88	65.3	1.3	17.3	1.2	141	0.3	2.3	0.3	64	0.28	0.147
1053231	Soil	0.9	21.5	22.9	132	0.1	12.1	11.4	474	3.02	5.0	1.2	<0.5	5.1	19	0.3	1.4	0.2	50	0.37	0.097
1053234	Soil	0.6	18.8	71.5	63	0.5	13.1	6.9	258	1.94	16.1	0.9	1.7	3.3	17	0.2	2.2	0.5	42	0.25	0.050
1053244	Soil	3.6	38.4	34.3	68	0.6	12.8	7.6	267	4.48	26.5	0.7	11.7	3.2	26	0.2	3.0	2.1	55	0.13	0.086
1199202	Soil	2.4	19.5	38.1	68	0.4	24.6	13.6	1033	4.03	26.7	1.0	2.0	1.0	25	0.3	3.0	0.5	64	0.14	0.092
1053228	Soil	4.1	251.0	550.7	1264	4.1	35.1	25.0	3651	5.67	271.6	2.4	5.8	4.2	29	9.9	32.9	2.5	77	0.62	0.133
1199207	Soil	7.6	57.1	35.0	83	0.8	12.0	12.5	427	5.92	41.2	0.8	10.2	2.0	145	0.3	2.1	0.5	81	0.14	0.174
1199201	Soil	4.2	18.0	18.6	66	0.2	39.3	13.7	662	3.29	22.7	0.9	1.5	2.4	26	0.2	1.9	0.3	47	0.14	0.076
1053245	Soil	2.1	24.9	83.4	85	1.8	20.5	8.0	223	2.89	28.9	0.7	8.7	4.1	27	0.5	10.2	2.4	48	0.23	0.074
1035660	Soil	0.8	30.2	14.7	97	0.1	21.0	8.8	307	2.90	10.4	1.0	2.0	6.4	16	0.3	0.7	0.4	54	0.22	0.052
1035659	Soil	0.6	26.6	12.7	73	<0.1	23.2	9.3	273	2.65	7.0	1.1	0.7	6.6	21	0.1	0.5	0.2	50	0.23	0.046
1035657	Soil	0.8	21.9	19.7	72	0.1	19.4	7.4	211	2.59	10.5	1.1	1.7	3.9	19	0.1	0.5	0.2	48	0.21	0.046
1035746	Soil	0.7	21.5	11.3	63	<0.1	18.1	9.6	324	2.86	4.5	1.1	0.6	8.1	15	<0.1	0.3	0.1	51	0.18	0.037
1035651	Soil	1.2	16.9	20.8	66	0.2	13.7	6.6	180	2.79	4.6	1.7	1.5	4.5	17	0.2	0.4	0.2	35	0.20	0.081
1035734	Soil	0.8	20.9	65.3	126	0.5	23.1	17.2	1607	4.00	12.1	1.3	0.9	14.4	18	0.7	0.7	0.3	29	0.39	0.077
1035658	Soil	0.9	25.5	17.1	63	0.7	25.7	7.9	218	2.59	7.9	2.1	3.5	1.9	44	0.3	0.5	0.3	38	0.39	0.117
1035747	Soil	0.6	23.0	15.4	76	<0.1	18.8	8.9	341	2.71	5.3	1.5	1.3	7.6	19	0.1	0.4	0.2	53	0.22	0.044

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Project: CHA
Report Date: July 18, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1095013	Soil		56	33	0.59	344	0.078	1	1.60	0.009	0.45	<0.1	0.04	5.3	0.3	<0.05	5	<0.5	<0.2
1095017	Soil		31	40	0.58	182	0.148	<1	2.24	0.008	0.47	<0.1	0.02	3.7	0.3	<0.05	8	<0.5	<0.2
1053232	Soil		14	26	0.53	457	0.024	1	1.67	0.009	0.11	0.1	0.08	4.5	0.1	<0.05	5	0.7	<0.2
1095019	Soil		12	15	0.59	463	0.069	<1	1.67	0.010	0.45	<0.1	0.04	12.7	0.2	<0.05	5	<0.5	<0.2
1095016	Soil		58	42	0.92	272	0.250	<1	2.44	0.009	1.02	0.1	<0.01	4.2	0.5	<0.05	9	<0.5	<0.2
1095032	Soil		5	16	0.88	194	0.169	<1	2.27	0.034	0.70	<0.1	<0.01	8.6	0.3	<0.05	7	<0.5	<0.2
1053233	Soil		15	35	0.46	480	0.020	1	1.70	0.011	0.17	0.1	0.09	6.4	0.2	<0.05	5	0.9	<0.2
1053230	Soil		12	33	0.44	301	0.041	1	1.60	0.009	0.07	0.2	0.06	3.2	0.1	<0.05	6	<0.5	<0.2
1053242	Soil		18	33	0.52	227	0.028	3	2.27	0.014	0.07	0.1	0.08	3.4	0.2	0.09	7	0.8	0.4
1053246	Soil		13	26	0.26	374	0.020	5	0.85	0.023	0.34	0.2	0.09	4.1	0.5	0.61	3	2.3	1.0
1053235	Soil		20	29	0.48	395	0.021	1	1.59	0.008	0.10	<0.1	0.04	4.2	0.2	<0.05	5	<0.5	<0.2
1053227	Soil		15	36	0.72	398	0.028	2	1.78	0.011	0.10	0.7	0.90	5.5	0.2	0.06	5	2.6	1.4
1053249	Soil		21	23	0.61	747	0.022	4	1.82	0.008	0.09	0.2	0.17	4.3	0.2	0.06	5	0.8	0.8
1053243	Soil		15	27	0.56	204	0.041	1	2.81	0.012	0.05	0.2	0.16	4.7	0.5	0.16	7	2.2	0.9
1053231	Soil		22	16	0.69	466	0.022	1	1.60	0.008	0.22	<0.1	0.05	4.6	0.1	<0.05	6	<0.5	<0.2
1053234	Soil		12	24	0.35	252	0.010	<1	1.40	0.008	0.06	0.1	0.06	2.7	0.1	<0.05	4	<0.5	<0.2
1053244	Soil		17	30	0.49	530	0.018	2	1.66	0.006	0.11	0.1	0.04	4.1	0.2	<0.05	5	1.0	0.6
1199202	Soil		12	29	0.36	139	0.014	1	1.53	0.009	0.07	0.1	0.08	3.4	<0.1	<0.05	5	0.8	0.6
1053228	Soil		18	33	0.65	620	0.011	<1	1.78	0.011	0.11	1.3	1.91	8.4	0.3	<0.05	6	3.1	1.3
1199207	Soil		14	26	0.62	179	0.033	<1	2.20	0.032	0.07	0.1	0.05	5.3	0.1	0.20	7	1.6	0.6
1199201	Soil		17	59	0.49	270	0.013	<1	1.34	0.007	0.10	0.1	0.04	2.8	0.1	0.12	4	0.5	0.4
1053245	Soil		14	27	0.46	572	0.044	2	1.32	0.011	0.11	0.2	0.13	4.5	0.3	<0.05	4	1.5	0.4
1035660	Soil		22	35	0.60	207	0.072	<1	1.71	0.009	0.16	<0.1	0.06	3.6	0.1	<0.05	5	<0.5	<0.2
1035659	Soil		23	38	0.59	299	0.089	<1	1.57	0.010	0.16	0.1	0.03	3.7	0.1	<0.05	5	<0.5	<0.2
1035657	Soil		20	32	0.48	241	0.059	<1	1.83	0.010	0.15	<0.1	0.07	3.5	0.1	<0.05	6	<0.5	<0.2
1035746	Soil		27	34	0.69	200	0.128	<1	1.72	0.009	0.27	<0.1	0.03	3.4	0.2	<0.05	6	<0.5	<0.2
1035651	Soil		30	23	0.37	234	0.025	<1	1.37	0.008	0.21	0.1	0.09	3.5	0.2	<0.05	4	<0.5	<0.2
1035734	Soil		32	19	0.22	439	0.003	<1	0.84	0.007	0.13	<0.1	0.06	7.1	0.1	<0.05	2	<0.5	<0.2
1035658	Soil		22	31	0.33	375	0.049	2	1.96	0.014	0.13	<0.1	0.19	4.5	0.1	0.10	6	<0.5	<0.2
1035747	Soil		26	33	0.62	198	0.122	<1	1.61	0.010	0.23	0.1	0.04	3.5	0.2	<0.05	6	<0.5	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1035655	Soil	0.7	20.7	21.2	75	<0.1	18.9	8.9	260	2.54	6.9	1.0	1.2	6.4	18	0.1	0.5	0.2	45	0.21	0.049
1035733	Soil	0.7	20.4	120.0	73	0.6	16.2	8.3	391	3.10	10.8	1.9	1.1	10.8	18	0.2	0.9	0.2	36	0.27	0.037
1035740	Soil	1.0	29.0	15.5	78	<0.1	23.9	15.2	532	3.71	5.5	1.1	2.6	6.6	21	0.2	0.3	0.2	77	0.23	0.043
1148016	Soil	2.0	20.4	15.0	32	0.2	10.4	3.9	114	1.95	13.2	0.9	2.0	0.3	24	0.2	1.4	0.2	49	0.11	0.044
1035739	Soil	1.1	22.7	14.7	74	<0.1	23.4	11.3	354	3.27	8.4	1.1	3.0	5.7	19	0.2	0.5	0.2	73	0.20	0.051
1035742	Soil	1.1	22.5	13.6	47	<0.1	15.5	7.1	259	3.11	7.4	0.8	1.4	2.2	11	0.2	0.5	0.3	61	0.10	0.038
1035656	Soil	0.8	22.2	19.1	69	0.1	18.5	7.5	201	2.49	10.3	1.2	0.9	4.0	20	0.1	0.5	0.2	45	0.21	0.047
1148021	Soil	2.0	21.7	16.7	52	<0.1	18.3	7.9	221	2.88	58.0	0.7	1.0	3.9	16	0.2	4.0	0.3	63	0.11	0.024
1095062	Soil	1.4	136.4	8.5	71	0.2	31.0	12.5	224	3.36	22.2	2.3	5.4	18.1	56	0.1	5.3	0.3	41	0.09	0.057
1095064	Soil	1.2	35.7	11.1	118	<0.1	24.4	22.4	1221	3.99	33.9	0.5	<0.5	2.6	14	0.3	2.8	0.1	59	0.07	0.033
1095063	Soil	1.5	131.2	8.3	83	0.1	34.5	15.2	314	3.65	22.0	2.2	2.5	15.7	41	0.1	4.7	0.2	44	0.10	0.050
1095068	Soil	0.5	20.5	10.3	40	<0.1	14.6	18.3	619	4.37	8.4	0.8	0.7	3.5	18	<0.1	1.4	<0.1	79	0.30	0.047
1095085	Soil	0.9	93.0	35.2	258	0.3	18.0	12.0	710	3.66	6.4	1.3	1.1	10.2	20	0.8	0.9	0.5	50	0.30	0.069
1095077	Soil	0.5	21.6	12.2	78	<0.1	13.8	17.1	906	4.11	5.7	0.7	<0.5	6.7	13	0.2	0.9	0.1	58	0.30	0.079
1095076	Soil	1.2	29.4	13.0	77	<0.1	27.0	15.4	585	3.94	3.9	1.5	<0.5	18.5	10	0.2	0.3	0.2	38	0.14	0.051
1095079	Soil	0.6	27.6	21.9	107	0.1	15.8	8.2	315	2.48	5.8	1.3	1.6	7.9	19	0.2	0.4	0.1	41	0.32	0.044
1095067	Soil	0.9	91.7	6.4	130	<0.1	18.1	16.0	1048	4.42	40.8	0.8	2.6	2.9	16	0.5	4.5	0.1	86	0.14	0.038
1095065	Soil	1.3	42.7	12.4	58	0.1	22.4	8.3	294	2.71	28.5	1.4	1.1	3.4	26	0.2	2.8	0.1	57	0.24	0.037
1095066	Soil	2.2	69.9	15.3	142	0.1	17.0	8.4	400	3.41	88.3	1.1	1.9	4.6	25	0.2	9.5	0.3	44	0.11	0.031
1095069	Soil	1.3	34.9	26.6	68	<0.1	20.7	13.4	943	3.42	45.4	0.9	1.1	3.0	14	0.1	5.1	0.1	47	0.08	0.019
1095072	Soil	1.4	40.9	30.8	83	0.1	18.7	15.0	999	3.92	16.4	0.7	<0.5	6.3	11	0.2	0.9	0.4	76	0.05	0.052
1095070	Soil	2.1	68.6	21.8	109	<0.1	34.4	16.1	826	4.34	28.3	1.5	3.9	5.0	18	0.2	3.5	0.3	76	0.15	0.043
1095075	Soil	0.4	39.8	35.3	126	<0.1	20.4	14.1	667	3.45	6.6	1.0	<0.5	13.1	9	0.2	0.7	0.4	29	0.22	0.068
1095071	Soil	2.0	73.4	22.6	136	<0.1	36.3	20.8	1552	5.13	13.4	1.4	0.8	7.3	14	0.2	1.8	0.3	62	0.15	0.042
1053247	Soil	3.4	18.5	305.7	70	1.5	14.5	8.6	537	3.61	32.4	0.3	14.2	3.0	17	0.3	8.9	3.6	54	0.10	0.063
1053248	Soil	2.8	26.6	136.7	67	1.2	17.0	13.0	505	4.15	32.3	0.6	5.3	2.9	24	0.3	5.4	1.0	58	0.29	0.141
1053250	Soil	4.1	13.1	24.8	30	0.5	9.1	4.6	123	3.82	32.8	0.4	4.6	3.6	16	0.1	2.9	0.6	38	0.14	0.082
1199206	Soil	1.4	28.9	25.5	117	0.5	30.0	12.5	391	2.70	23.9	0.9	3.2	4.8	21	0.4	1.0	0.2	24	0.38	0.099
1053224	Soil	2.9	24.1	17.5	86	0.1	27.4	9.2	251	2.38	21.6	0.7	0.6	3.5	23	0.4	1.6	0.2	41	0.30	0.059
1053226	Soil	3.7	36.5	29.5	116	0.1	19.3	11.0	745	3.51	14.0	0.7	1.2	2.4	18	0.4	1.4	0.3	62	0.20	0.041

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

Project: CHA
Report Date: July 18, 2011

CERTIFICATE OF ANALYSIS WHI11000520.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1035655	Soil		27	28	0.54	206	0.087	<1	1.62	0.010	0.17	0.1	0.03	2.8	0.1	<0.05	5	0.5	<0.2
1035733	Soil		43	22	0.32	238	0.012	<1	1.14	0.006	0.08	<0.1	0.04	4.0	0.1	<0.05	4	<0.5	<0.2
1035740	Soil		30	32	0.74	471	0.080	<1	2.13	0.011	0.27	<0.1	0.03	5.2	0.2	<0.05	7	<0.5	<0.2
1148016	Soil		9	24	0.24	129	0.037	1	1.30	0.009	0.05	0.1	0.08	1.7	<0.1	<0.05	6	<0.5	<0.2
1035739	Soil		21	44	0.68	240	0.120	1	2.06	0.011	0.13	0.1	0.03	5.2	0.1	<0.05	8	<0.5	<0.2
1035742	Soil		19	29	0.41	197	0.035	1	2.08	0.008	0.13	<0.1	0.03	3.0	0.1	<0.05	7	<0.5	<0.2
1035656	Soil		20	28	0.47	242	0.059	<1	1.73	0.010	0.14	<0.1	0.06	3.3	<0.1	<0.05	6	<0.5	<0.2
1148021	Soil		10	31	0.37	172	0.032	<1	1.97	0.006	0.07	0.1	0.13	3.5	0.2	<0.05	6	<0.5	<0.2
1095062	Soil		28	28	0.16	385	0.007	<1	0.76	0.006	0.12	0.1	0.16	5.9	0.2	0.08	2	1.8	0.2
1095064	Soil		5	21	0.26	271	0.010	<1	1.39	0.005	0.09	0.1	0.05	7.3	<0.1	<0.05	4	0.7	<0.2
1095063	Soil		25	29	0.21	389	0.012	<1	0.91	0.006	0.10	<0.1	0.12	6.4	0.1	<0.05	3	1.6	<0.2
1095068	Soil		10	18	0.47	926	0.023	<1	1.21	0.006	0.23	0.1	0.06	11.7	0.1	<0.05	4	<0.5	<0.2
1095085	Soil		26	22	0.48	573	0.050	<1	1.16	0.007	0.29	<0.1	0.13	8.0	0.2	<0.05	4	<0.5	<0.2
1095077	Soil		19	18	0.42	316	0.048	<1	1.23	0.007	0.28	<0.1	0.01	7.8	0.1	<0.05	4	<0.5	<0.2
1095076	Soil		54	31	0.64	283	0.118	<1	1.88	0.008	0.55	<0.1	0.04	5.0	0.3	<0.05	5	<0.5	<0.2
1095079	Soil		26	22	0.36	481	0.026	<1	1.29	0.008	0.11	<0.1	0.11	3.6	<0.1	<0.05	4	<0.5	<0.2
1095067	Soil		9	17	0.48	492	0.034	<1	1.18	0.004	0.25	0.2	0.16	13.3	0.2	<0.05	4	<0.5	<0.2
1095065	Soil		14	32	0.44	672	0.032	1	1.55	0.010	0.06	0.2	0.30	7.2	0.1	<0.05	5	0.6	<0.2
1095066	Soil		11	15	0.13	413	0.005	<1	0.68	0.004	0.06	0.2	0.31	7.0	0.2	<0.05	2	1.3	0.4
1095069	Soil		10	17	0.26	417	0.011	<1	0.91	0.004	0.11	0.1	0.19	6.9	0.2	<0.05	3	<0.5	<0.2
1095072	Soil		26	30	0.42	248	0.068	1	1.97	0.007	0.23	<0.1	0.01	3.9	0.2	<0.05	8	<0.5	<0.2
1095070	Soil		21	35	0.29	654	0.026	<1	1.55	0.005	0.14	0.1	0.17	10.8	0.2	<0.05	5	<0.5	<0.2
1095075	Soil		30	17	0.21	468	0.021	<1	0.98	0.004	0.30	<0.1	0.19	4.5	0.2	<0.05	4	<0.5	<0.2
1095071	Soil		21	42	0.56	374	0.038	1	1.91	0.006	0.26	0.1	0.09	8.7	0.2	<0.05	5	<0.5	<0.2
1053247	Soil		13	27	0.32	272	0.034	3	1.48	0.009	0.19	0.1	0.06	2.2	0.2	0.20	5	0.6	0.5
1053248	Soil		24	26	0.43	592	0.018	3	1.69	0.006	0.10	0.1	0.10	4.2	0.3	<0.05	5	<0.5	0.5
1053250	Soil		15	19	0.21	560	0.008	2	0.90	0.004	0.07	0.1	0.08	1.7	0.3	0.05	3	<0.5	0.5
1199206	Soil		22	26	0.24	180	0.004	<1	1.50	0.006	0.13	<0.1	0.04	3.4	0.1	<0.05	3	<0.5	<0.2
1053224	Soil		22	26	0.33	362	0.023	1	1.43	0.005	0.09	<0.1	0.02	2.7	0.1	<0.05	4	<0.5	<0.2
1053226	Soil		13	30	0.39	422	0.027	<1	1.78	0.006	0.09	0.2	0.03	3.0	0.1	<0.05	6	1.1	<0.2

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600 - 666 Burrard St.
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Project: CHA
Report Date: July 18, 2011

CERTIFICATE OF ANALYSIS WHI11000520.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1053221	Soil	1.8	15.9	14.3	59	<0.1	27.7	10.8	487	2.01	15.7	0.4	0.7	2.9	9	0.2	0.4	0.2	31	0.12	0.060
1053225	Soil	3.2	15.6	21.6	64	<0.1	18.0	6.1	306	2.17	18.4	0.5	1.5	0.7	11	0.2	1.9	0.2	44	0.09	0.042
1053222	Soil	4.6	62.5	96.7	247	0.2	54.5	41.0	1784	6.62	58.9	1.0	4.2	4.5	10	1.0	6.6	0.3	58	0.11	0.101
1199204	Soil	1.5	16.0	22.4	73	0.3	22.9	14.2	676	3.58	17.1	0.7	1.9	3.2	25	0.2	1.6	0.6	79	0.34	0.103
1199205	Soil	1.4	28.1	26.4	98	0.5	29.9	12.9	500	2.89	20.4	0.8	2.3	3.0	18	0.5	1.5	0.7	55	0.19	0.060
1199203	Soil	1.9	10.2	22.9	63	0.3	19.0	13.0	555	3.47	24.9	0.4	1.9	2.4	26	0.2	2.4	0.6	71	0.22	0.076
1053223	Soil	2.0	17.3	12.9	44	<0.1	11.7	4.1	129	1.50	11.3	0.4	2.7	2.0	9	0.2	0.6	0.2	47	0.08	0.033
1053220	Soil	1.0	23.5	20.6	98	0.1	23.0	11.0	489	3.08	15.0	0.6	1.3	2.5	19	0.6	0.7	0.4	64	0.21	0.066

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Project: CHA
Report Date: July 18, 2011

CERTIFICATE OF ANALYSIS WHI11000520.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1053221	Soil	20	27	0.17	114	0.004	<1	1.43	0.006	0.09	<0.1	0.03	1.4	0.1	<0.05	3	<0.5	<0.2
1053225	Soil	15	24	0.24	276	0.015	1	1.32	0.006	0.11	<0.1	0.03	1.3	0.1	<0.05	5	<0.5	<0.2
1053222	Soil	17	41	0.35	146	0.012	1	2.15	0.005	0.09	0.1	0.03	3.4	0.2	<0.05	6	1.7	<0.2
1199204	Soil	16	29	0.88	268	0.029	<1	1.99	0.008	0.07	0.1	0.04	4.1	0.2	<0.05	6	<0.5	<0.2
1199205	Soil	17	32	0.45	251	0.029	<1	1.79	0.008	0.08	0.1	0.04	3.7	0.1	<0.05	4	<0.5	<0.2
1199203	Soil	14	22	0.50	156	0.026	1	1.52	0.009	0.06	0.1	0.03	2.9	0.1	<0.05	4	<0.5	0.3
1053223	Soil	19	16	0.10	128	0.010	<1	1.29	0.005	0.05	<0.1	0.01	1.0	0.2	<0.05	5	<0.5	<0.2
1053220	Soil	17	32	0.40	283	0.031	<1	2.20	0.009	0.07	<0.1	0.04	3.2	0.1	<0.05	6	<0.5	<0.2

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Project: CHA
Report Date: July 18, 2011

QUALITY CONTROL REPORT WHI11000520.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1095058	Soil	2.7	19.9	9.8	171	0.1	23.0	14.0	880	4.32	10.4	0.8	1.3	2.3	18	0.8	2.6	0.2	36	0.13	0.045
REP 1095058	QC	2.9	19.8	10.2	169	0.1	21.7	13.6	869	4.30	10.0	0.8	1.3	2.2	18	0.9	2.4	0.2	35	0.14	0.045
1148020	Soil	2.7	13.9	11.4	38	0.3	12.0	4.7	153	2.08	69.4	0.6	4.1	1.7	18	0.2	11.2	0.2	43	0.08	0.030
REP 1148020	QC	2.5	15.5	12.8	39	0.3	12.0	4.9	159	2.12	71.3	0.7	3.8	1.7	19	0.2	11.3	0.3	44	0.09	0.031
1148009	Soil	1.4	29.2	14.2	20	0.4	6.6	2.0	60	1.30	3.5	0.7	<0.5	0.3	21	1.6	0.4	0.3	37	0.09	0.041
REP 1148009	QC	1.3	29.5	14.1	21	0.4	6.4	2.0	60	1.29	3.0	0.7	2.1	0.2	21	1.5	0.4	0.2	37	0.09	0.042
1095018	Soil	0.4	37.9	27.5	52	0.1	22.0	12.9	549	3.03	8.8	1.5	0.9	46.5	24	0.1	0.3	0.3	21	0.60	0.197
REP 1095018	QC	0.5	39.1	27.8	53	0.1	23.4	13.0	550	3.09	8.3	1.6	<0.5	48.7	24	<0.1	0.4	0.3	22	0.61	0.203
1095029	Soil	0.5	47.3	16.6	111	<0.1	14.5	24.2	516	5.42	2.2	1.0	0.7	5.0	10	0.3	0.3	0.2	176	0.28	0.078
REP 1095029	QC	0.5	46.7	17.0	114	<0.1	14.8	23.7	524	5.43	2.4	1.1	0.9	5.1	11	0.3	0.3	0.2	172	0.29	0.081
1053227	Soil	2.7	233.2	551.5	1516	5.1	28.5	15.5	2619	4.84	289.5	1.5	7.4	3.2	29	7.0	38.1	2.8	60	0.42	0.080
REP 1053227	QC	2.7	234.3	545.6	1472	5.0	28.7	15.6	2593	4.98	284.1	1.5	9.8	3.3	28	6.8	36.8	2.9	62	0.42	0.078
1053245	Soil	2.1	24.9	83.4	85	1.8	20.5	8.0	223	2.89	28.9	0.7	8.7	4.1	27	0.5	10.2	2.4	48	0.23	0.074
REP 1053245	QC	2.0	25.3	83.9	83	1.7	20.7	8.5	225	2.98	28.7	0.7	11.1	4.1	27	0.6	9.9	2.5	51	0.23	0.074
1095079	Soil	0.6	27.6	21.9	107	0.1	15.8	8.2	315	2.48	5.8	1.3	1.6	7.9	19	0.2	0.4	0.1	41	0.32	0.044
REP 1095079	QC	0.6	27.7	22.2	106	0.1	16.2	8.2	328	2.54	5.8	1.4	<0.5	8.1	19	0.2	0.4	0.1	42	0.32	0.045
Reference Materials																					
STD DS8	Standard	12.7	104.9	120.3	333	2.1	37.5	7.3	628	2.43	28.6	2.7	129.3	6.4	74	2.5	6.0	7.2	41	0.70	0.087
STD DS8	Standard	12.6	106.9	119.9	327	1.8	37.2	7.3	627	2.45	29.4	2.7	127.1	6.1	75	3.0	6.9	7.1	42	0.66	0.086
STD DS8	Standard	13.9	117.1	134.3	329	1.9	40.4	7.8	633	2.46	28.0	3.0	104.8	7.4	71	2.6	6.3	7.8	44	0.71	0.084
STD DS8	Standard	14.9	122.1	145.0	342	2.0	44.0	8.6	682	2.64	29.5	3.4	121.8	8.1	77	2.6	6.6	8.0	48	0.74	0.087
STD DS8	Standard	14.6	123.8	140.8	344	1.8	43.0	8.6	648	2.65	29.3	2.5	118.9	7.5	62	2.6	5.0	6.2	48	0.72	0.090
STD DS8	Standard	15.6	127.3	138.7	352	1.9	45.7	8.8	668	2.67	30.1	2.5	119.3	7.7	63	2.7	5.1	6.0	51	0.72	0.093
STD DS8	Standard	13.4	118.0	127.4	324	1.9	40.4	7.8	620	2.49	26.1	2.8	107.4	6.7	66	2.3	5.8	6.4	44	0.69	0.081
STD DS8	Standard	14.1	119.1	128.1	323	1.8	41.7	8.0	637	2.54	26.8	3.0	116.6	7.3	67	2.7	5.8	6.4	46	0.71	0.082
STD DS8	Standard	13.6	112.5	131.5	312	1.7	37.5	7.6	614	2.53	26.3	2.8	128.2	7.0	67	2.4	4.9	6.1	42	0.70	0.081
STD DS8	Standard	13.7	111.8	130.7	313	1.8	39.2	7.7	632	2.59	27.0	2.8	112.2	7.2	68	2.2	5.2	6.2	44	0.71	0.082
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08

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Project: CHA
Report Date: July 18, 2011

QUALITY CONTROL REPORT WHI11000520.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1095058	Soil	5	7	0.11	415	0.001	<1	0.58	0.004	0.14	0.1	0.24	12.0	<0.1	<0.05	1	0.8	<0.2
REP 1095058	QC	4	7	0.11	413	0.001	<1	0.58	0.004	0.14	0.1	0.25	12.1	<0.1	<0.05	2	<0.5	<0.2
1148020	Soil	10	23	0.29	130	0.024	<1	1.33	0.006	0.08	0.2	0.12	2.1	0.1	<0.05	4	<0.5	<0.2
REP 1148020	QC	11	24	0.30	130	0.027	<1	1.38	0.007	0.08	0.2	0.12	2.4	0.1	<0.05	5	0.8	<0.2
1148009	Soil	10	17	0.03	175	0.037	1	1.00	0.009	0.03	<0.1	0.05	0.7	0.1	<0.05	5	0.8	<0.2
REP 1148009	QC	10	17	0.03	183	0.037	2	0.98	0.010	0.03	<0.1	0.06	0.8	<0.1	<0.05	5	<0.5	<0.2
1095018	Soil	129	20	0.69	249	0.076	<1	1.63	0.008	0.61	<0.1	0.06	3.5	0.3	<0.05	4	0.5	<0.2
REP 1095018	QC	129	21	0.75	241	0.074	<1	1.66	0.008	0.63	<0.1	0.04	3.7	0.3	<0.05	5	0.7	<0.2
1095029	Soil	13	18	1.04	203	0.212	<1	2.93	0.023	0.87	<0.1	0.02	9.1	0.5	<0.05	9	<0.5	<0.2
REP 1095029	QC	13	19	1.05	207	0.212	<1	2.99	0.024	0.89	<0.1	0.02	9.4	0.4	<0.05	9	<0.5	<0.2
1053227	Soil	15	36	0.72	398	0.028	2	1.78	0.011	0.10	0.7	0.90	5.5	0.2	0.06	5	2.6	1.4
REP 1053227	QC	15	36	0.72	399	0.031	1	1.79	0.013	0.10	0.6	0.92	5.4	0.2	<0.05	5	2.2	1.3
1053245	Soil	14	27	0.46	572	0.044	2	1.32	0.011	0.11	0.2	0.13	4.5	0.3	<0.05	4	1.5	0.4
REP 1053245	QC	14	27	0.47	585	0.043	2	1.35	0.010	0.11	0.1	0.13	4.6	0.3	<0.05	4	1.4	0.4
1095079	Soil	26	22	0.36	481	0.026	<1	1.29	0.008	0.11	<0.1	0.11	3.6	<0.1	<0.05	4	<0.5	<0.2
REP 1095079	QC	28	23	0.38	494	0.024	<1	1.32	0.008	0.11	<0.1	0.12	3.8	<0.1	<0.05	4	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	16	116	0.66	308	0.119	2	0.94	0.087	0.47	3.4	0.24	1.9	5.5	0.16	5	4.9	4.6
STD DS8	Standard	15	116	0.65	306	0.114	3	0.92	0.082	0.47	3.1	0.19	2.1	5.6	0.16	4	5.1	5.2
STD DS8	Standard	14	123	0.65	297	0.121	3	0.95	0.090	0.45	3.0	0.23	2.1	5.2	0.17	5	5.6	5.2
STD DS8	Standard	16	133	0.66	312	0.137	3	0.99	0.098	0.47	3.2	0.21	2.4	5.7	0.18	5	5.5	5.5
STD DS8	Standard	16	134	0.53	312	0.133	4	0.98	0.084	0.44	3.2	0.20	2.0	5.6	0.16	5	4.5	5.2
STD DS8	Standard	16	140	0.55	304	0.141	3	1.01	0.103	0.46	3.2	0.21	2.3	5.4	0.19	5	4.1	5.7
STD DS8	Standard	14	122	0.61	260	0.123	2	0.90	0.085	0.44	2.7	0.21	2.0	5.4	0.16	5	5.4	5.0
STD DS8	Standard	16	126	0.62	279	0.134	3	0.91	0.090	0.42	2.9	0.22	2.2	5.2	0.14	5	5.0	5.2
STD DS8	Standard	15	120	0.59	279	0.122	3	0.96	0.092	0.42	2.7	0.18	1.9	5.5	0.16	5	4.5	5.0
STD DS8	Standard	15	120	0.58	278	0.125	3	0.93	0.092	0.42	3.0	0.20	1.9	5.3	0.16	5	5.0	4.5
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5

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

Project: CHA
Report Date: July 18, 2011

QUALITY CONTROL REPORT WHI11000520.1

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

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Vancouver BC V6C 1H2 Canada

Project: CHA
Report Date: July 18, 2011

QUALITY CONTROL REPORT WHI11000520.1

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

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

Submitted By: Mike Skead
Receiving Lab: Canada-Whitehorse
Received: July 11, 2011
Report Date: July 22, 2011
Page: 1 of 6

CERTIFICATE OF ANALYSIS WHI11000529.1

CLIENT JOB INFORMATION

Project: CHA
Shipment ID: CHA2011-08
P.O. Number
Number of Samples: 132

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	132	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	132	Dry at 60C			WHI
1DX2	132	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Vancouver BC V6C 1H2 Canada

Project: CHA
Report Date: July 22, 2011

CERTIFICATE OF ANALYSIS WHI11000529.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1197485	Soil	1.2	18.6	11.1	77	<0.1	15.2	12.8	399	3.72	7.3	0.8	2.2	6.2	11	0.2	1.9	0.3	70	0.09	0.018
1197484	Soil	2.5	12.3	11.3	71	<0.1	5.5	12.7	758	4.28	2.5	1.4	1.5	10.0	10	0.2	3.3	0.1	82	0.13	0.047
1197487	Soil	0.9	15.6	26.9	84	<0.1	9.8	7.4	480	3.15	5.9	1.4	0.8	10.6	10	0.4	2.5	0.4	28	0.06	0.025
1197481	Soil	2.8	40.7	11.7	84	<0.1	18.2	12.0	532	3.75	8.0	1.3	5.3	6.7	21	0.2	0.6	0.2	74	0.19	0.025
1197483	Soil	1.6	15.3	10.4	50	<0.1	17.1	8.7	293	2.94	8.2	0.8	3.3	4.5	19	0.1	0.5	0.2	59	0.17	0.029
1197486	Soil	1.1	16.2	25.4	85	<0.1	9.0	7.5	530	3.36	5.7	1.4	1.3	10.3	10	0.4	2.7	0.3	29	0.06	0.026
1197480	Soil	1.9	17.4	13.4	59	0.1	14.0	9.4	343	4.03	8.7	0.9	2.4	6.0	12	0.2	1.0	0.4	82	0.09	0.021
1197479	Soil	1.9	15.3	11.3	58	<0.1	8.9	8.5	465	3.35	5.7	0.8	0.9	5.3	9	0.1	0.7	0.2	67	0.08	0.036
1197482	Soil	2.7	30.6	14.4	63	0.1	19.2	10.2	349	3.46	9.9	1.7	4.9	8.6	20	0.1	0.7	0.2	68	0.17	0.031
1095037	Soil	0.8	32.2	8.8	75	<0.1	22.9	10.6	414	3.22	8.5	0.7	2.5	4.2	32	<0.1	0.6	0.1	68	0.34	0.046
1095040	Soil	0.6	11.9	2.9	62	<0.1	28.6	24.5	769	4.86	2.9	0.2	1.4	1.6	18	0.1	0.5	<0.1	109	0.22	0.048
1095044	Soil	0.4	33.1	10.7	85	<0.1	5.0	12.3	891	4.15	2.0	1.2	0.6	12.6	16	0.1	0.5	0.3	74	0.17	0.032
1095041	Soil	1.0	78.6	3.6	82	<0.1	35.4	29.9	1065	5.99	3.1	0.6	0.7	3.9	29	<0.1	0.7	<0.1	127	0.48	0.062
1095038	Soil	0.8	18.4	8.9	73	<0.1	11.4	13.7	464	4.74	5.9	0.5	1.2	2.6	16	0.2	1.0	0.1	91	0.14	0.023
1095045	Soil	0.6	10.2	5.8	55	<0.1	5.7	11.2	523	3.73	1.9	0.9	<0.5	11.4	13	<0.1	0.6	<0.1	70	0.13	0.020
1095035	Soil	0.5	17.4	6.9	67	<0.1	13.5	11.5	516	3.54	3.8	0.4	0.8	3.8	23	<0.1	0.4	<0.1	78	0.22	0.017
1095039	Soil	1.3	15.4	10.1	40	<0.1	14.8	6.8	233	2.55	7.2	0.8	4.9	4.9	22	<0.1	0.4	0.2	61	0.19	0.013
1095042	Soil	0.4	52.9	2.8	98	<0.1	124.0	38.4	1564	6.23	1.9	0.7	0.8	3.3	31	0.2	0.7	<0.1	153	0.70	0.093
1095043	Soil	0.4	153.8	7.3	116	<0.1	7.6	13.2	776	4.29	2.4	0.5	1.3	5.5	16	0.1	0.2	<0.1	95	0.17	0.021
1095034	Soil	0.5	26.3	8.3	72	<0.1	18.0	13.3	554	3.62	6.4	0.7	3.3	4.5	32	<0.1	0.6	0.1	77	0.36	0.035
1095036	Soil	1.2	19.6	12.0	66	<0.1	23.4	12.1	322	3.48	10.8	0.6	3.5	4.3	19	0.1	0.6	0.2	85	0.13	0.019
1197473	Soil	1.5	18.0	11.1	58	<0.1	18.9	12.1	421	3.38	7.0	0.7	1.8	7.2	15	0.2	0.5	0.1	60	0.14	0.021
1197476	Soil	2.1	16.2	9.6	63	<0.1	14.1	9.9	459	3.58	7.5	0.9	2.8	6.1	9	0.1	0.8	0.1	66	0.09	0.026
1197475	Soil	1.3	22.1	11.5	58	<0.1	23.3	11.3	310	3.55	9.1	0.7	2.6	7.0	16	0.1	0.7	0.2	73	0.12	0.018
1095048	Soil	0.4	22.6	7.9	67	<0.1	7.1	11.6	691	4.18	1.8	1.1	0.9	11.1	18	<0.1	0.5	0.1	70	0.18	0.018
1095046	Soil	1.1	30.2	12.4	48	<0.1	22.0	8.7	317	3.04	9.3	1.3	5.1	5.8	26	<0.1	0.6	0.3	66	0.21	0.022
1197471	Soil	1.4	18.4	19.5	76	<0.1	8.6	9.4	713	3.75	8.6	2.0	0.6	11.0	11	0.2	0.7	0.1	47	0.08	0.036
1197477	Soil	3.9	14.1	9.3	50	<0.1	5.3	8.7	439	3.61	4.4	1.1	1.8	4.6	10	0.1	0.8	0.1	67	0.09	0.029
1197474	Soil	8.6	27.4	20.3	79	<0.1	6.8	8.2	433	3.36	4.9	2.2	1.7	13.3	15	0.2	0.7	<0.1	49	0.10	0.013
1197478	Soil	0.9	25.5	10.3	68	<0.1	5.3	11.2	802	4.15	8.9	3.4	1.4	19.5	14	<0.1	1.6	<0.1	46	0.10	0.030

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Project: CHA
Report Date: July 22, 2011

CERTIFICATE OF ANALYSIS WHI11000529.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1197485	Soil	12	25	0.76	372	0.076	2	2.71	0.008	0.36	0.1	0.02	3.5	0.2	<0.05	6	<0.5	<0.2
1197484	Soil	21	11	0.91	418	0.115	<1	2.29	0.009	0.84	0.2	0.01	4.7	0.3	<0.05	6	<0.5	<0.2
1197487	Soil	20	16	0.21	237	0.010	<1	1.40	0.007	0.11	<0.1	0.06	2.9	0.1	<0.05	3	0.5	<0.2
1197481	Soil	20	28	0.80	429	0.121	<1	2.41	0.011	0.33	0.1	0.03	5.8	0.3	<0.05	6	<0.5	<0.2
1197483	Soil	14	27	0.50	353	0.057	<1	1.88	0.010	0.08	0.1	0.03	3.5	0.1	<0.05	6	<0.5	<0.2
1197486	Soil	19	16	0.20	242	0.008	1	1.39	0.006	0.10	0.1	0.05	2.9	<0.1	<0.05	3	<0.5	<0.2
1197480	Soil	13	29	0.59	391	0.068	<1	2.68	0.007	0.29	0.1	0.02	3.1	0.2	<0.05	7	<0.5	<0.2
1197479	Soil	13	17	0.47	232	0.054	<1	1.84	0.008	0.28	0.1	0.03	2.9	0.2	<0.05	7	<0.5	<0.2
1197482	Soil	22	38	0.58	471	0.078	2	2.32	0.010	0.16	0.2	0.05	6.9	0.1	<0.05	6	<0.5	<0.2
1095037	Soil	14	31	0.72	363	0.101	<1	1.78	0.016	0.17	0.2	0.03	4.4	0.1	<0.05	6	0.6	<0.2
1095040	Soil	2	68	2.18	459	0.232	1	3.09	0.013	0.66	0.2	<0.01	4.0	0.1	<0.05	7	<0.5	<0.2
1095044	Soil	25	8	0.89	558	0.146	<1	2.38	0.009	0.99	0.2	<0.01	6.0	0.4	<0.05	8	<0.5	<0.2
1095041	Soil	6	86	1.97	949	0.163	<1	3.10	0.014	1.18	0.2	0.02	13.9	0.3	<0.05	8	<0.5	<0.2
1095038	Soil	7	17	1.03	187	0.067	<1	2.89	0.007	0.14	0.1	0.02	2.7	<0.1	<0.05	8	<0.5	<0.2
1095045	Soil	19	10	0.92	278	0.131	<1	2.52	0.010	0.80	<0.1	<0.01	3.2	0.3	<0.05	8	<0.5	<0.2
1095035	Soil	10	21	1.03	257	0.155	<1	2.05	0.010	0.46	0.1	0.02	2.5	0.2	<0.05	6	<0.5	<0.2
1095039	Soil	15	29	0.42	398	0.064	<1	1.70	0.009	0.06	<0.1	0.02	3.7	<0.1	<0.05	6	<0.5	<0.2
1095042	Soil	9	433	3.46	715	0.160	<1	3.43	0.012	0.93	0.2	0.01	17.1	0.3	<0.05	10	<0.5	<0.2
1095043	Soil	10	10	1.27	321	0.175	<1	2.85	0.009	0.95	0.1	<0.01	3.8	0.4	<0.05	9	<0.5	<0.2
1095034	Soil	13	26	0.93	403	0.123	<1	2.05	0.017	0.34	0.1	0.02	4.6	0.1	<0.05	6	<0.5	<0.2
1095036	Soil	10	41	0.58	296	0.085	1	2.79	0.012	0.07	0.1	0.02	3.4	0.1	<0.05	7	<0.5	<0.2
1197473	Soil	12	24	0.59	387	0.072	<1	2.32	0.009	0.27	0.1	0.02	3.4	0.2	<0.05	6	<0.5	<0.2
1197476	Soil	13	21	0.63	283	0.056	<1	2.31	0.007	0.31	0.1	<0.01	3.3	0.2	<0.05	7	<0.5	<0.2
1197475	Soil	12	36	0.64	376	0.066	1	2.75	0.009	0.10	<0.1	0.01	3.5	0.1	<0.05	7	<0.5	<0.2
1095048	Soil	27	10	0.95	542	0.162	<1	2.26	0.010	0.88	0.2	<0.01	3.4	0.4	<0.05	8	<0.5	<0.2
1095046	Soil	19	35	0.54	536	0.057	<1	2.31	0.013	0.06	0.1	0.04	5.6	0.1	<0.05	7	<0.5	<0.2
1197471	Soil	18	14	0.29	352	0.022	<1	1.55	0.007	0.31	<0.1	0.02	5.2	0.2	<0.05	4	<0.5	<0.2
1197477	Soil	14	13	0.46	305	0.052	<1	1.81	0.008	0.34	0.1	0.02	3.0	0.2	<0.05	7	<0.5	<0.2
1197474	Soil	30	12	0.40	541	0.051	<1	1.43	0.008	0.33	<0.1	0.03	5.2	0.2	<0.05	5	<0.5	<0.2
1197478	Soil	35	8	0.34	395	0.042	2	1.18	0.009	0.42	0.1	<0.01	7.7	0.2	<0.05	4	<0.5	<0.2

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

Project: CHA
Report Date: July 22, 2011

CERTIFICATE OF ANALYSIS WHI11000529.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1095047	Soil	1.1	62.0	9.6	74	<0.1	22.6	11.7	553	3.33	9.1	0.7	7.0	7.1	29	<0.1	0.8	0.5	67	0.32	0.039
1095049	Soil	1.0	8.9	8.0	49	<0.1	5.8	7.1	330	2.89	4.0	0.7	1.2	4.6	9	<0.1	0.5	0.1	57	0.08	0.016
1095050	Soil	2.7	16.0	12.8	48	<0.1	11.6	7.8	350	3.07	7.7	1.3	2.1	8.2	14	<0.1	0.5	0.2	56	0.12	0.014
1095105	Soil	0.7	20.3	8.0	87	<0.1	22.5	18.2	752	4.34	4.8	0.5	1.0	5.4	23	0.2	0.3	<0.1	93	0.31	0.054
1095101	Soil	0.7	5.5	9.2	30	<0.1	5.3	4.0	176	2.04	5.1	0.3	1.6	1.6	11	<0.1	0.4	0.1	70	0.07	0.019
1095084	Soil	0.6	17.3	6.6	83	<0.1	19.5	19.8	712	4.01	5.7	0.8	2.0	5.8	12	<0.1	0.7	0.1	82	0.22	0.064
1095104	Soil	1.1	41.1	15.1	49	0.6	24.5	8.2	313	3.54	8.1	1.7	6.1	3.2	18	0.1	0.5	0.2	58	0.18	0.070
1095118	Soil	0.8	12.8	8.9	78	<0.1	18.1	15.2	714	3.55	6.9	0.4	<0.5	3.8	14	0.2	0.8	0.1	74	0.19	0.031
1095082	Soil	0.8	24.3	8.6	80	<0.1	17.5	15.6	656	3.96	8.5	0.5	1.0	4.0	11	0.2	0.6	0.1	80	0.15	0.042
1095106	Soil	1.2	23.8	10.0	73	<0.1	26.1	15.2	543	3.27	10.0	0.6	0.7	4.0	14	0.2	0.6	0.2	64	0.17	0.034
1095083	Soil	0.6	20.9	8.0	73	<0.1	19.7	15.9	613	3.88	8.3	0.6	1.4	6.0	13	<0.1	0.5	<0.1	84	0.19	0.039
1095103	Soil	0.5	16.0	9.6	95	<0.1	20.5	17.9	947	4.16	12.2	0.7	<0.5	5.4	16	0.2	1.6	<0.1	76	0.21	0.038
1095117	Soil	0.8	35.2	10.9	65	0.3	22.5	11.2	238	2.76	7.4	1.0	3.1	3.8	19	0.2	0.6	0.3	57	0.30	0.055
1095111	Soil	0.8	14.6	9.5	79	<0.1	17.0	10.5	477	3.60	8.5	0.4	2.8	2.7	10	0.1	0.6	0.2	77	0.13	0.037
1095108	Soil	0.8	18.1	10.4	77	<0.1	21.4	15.7	800	3.69	11.7	0.6	2.6	5.7	13	0.1	0.8	0.1	70	0.19	0.031
1095112	Soil	0.8	37.9	10.2	86	<0.1	27.0	15.9	666	4.00	8.6	0.9	3.6	7.4	16	0.1	0.8	0.1	80	0.17	0.025
1095092	Soil	0.9	20.5	36.0	139	<0.1	12.3	16.5	1177	4.33	21.2	1.3	6.1	9.5	8	0.8	2.5	0.2	49	0.13	0.056
1095102	Soil	0.5	17.4	9.9	98	<0.1	21.4	17.0	922	4.20	13.5	0.7	3.8	6.0	19	0.2	1.6	0.1	79	0.24	0.037
1095110	Soil	1.1	35.7	11.1	85	0.3	25.3	13.6	437	3.49	7.4	1.0	3.2	4.8	21	0.2	0.5	0.2	72	0.31	0.052
1095095	Soil	1.2	17.7	10.1	86	<0.1	20.4	12.8	455	3.75	9.3	0.6	1.1	3.7	15	0.2	0.5	0.2	68	0.16	0.036
1095109	Soil	1.1	28.2	13.9	89	0.3	22.1	14.7	811	3.25	7.5	0.9	6.6	4.7	23	0.2	0.6	0.1	68	0.35	0.056
1095107	Soil	0.9	16.4	12.4	59	<0.1	14.0	8.4	406	3.12	8.5	0.5	1.4	2.0	18	0.2	0.8	0.2	95	0.20	0.033
1095100	Soil	1.2	20.9	14.1	62	0.2	22.4	10.4	398	3.39	14.8	0.9	5.3	5.1	17	0.1	0.7	0.2	71	0.19	0.037
1095098	Soil	0.8	15.9	11.2	44	<0.1	12.7	5.7	230	2.71	9.3	0.9	3.2	0.8	21	0.2	0.4	0.2	60	0.19	0.041
1095093	Soil	0.9	18.5	15.4	106	<0.1	18.7	13.4	715	3.71	10.6	1.0	4.1	6.0	19	0.4	0.7	0.3	67	0.20	0.031
1095088	Soil	0.6	22.9	13.2	79	<0.1	17.7	10.3	376	3.29	11.5	0.6	4.8	4.2	15	0.2	0.7	0.1	68	0.17	0.024
1095091	Soil	0.8	17.7	16.2	146	<0.1	12.8	18.8	1155	4.71	15.3	1.1	7.7	12.4	9	0.3	1.3	0.3	55	0.15	0.069
1095081	Soil	0.8	43.0	9.4	73	<0.1	20.3	14.4	459	3.88	9.4	0.5	2.9	4.0	16	0.1	0.6	0.1	82	0.17	0.027
1095096	Soil	1.2	12.9	11.1	71	<0.1	14.2	11.6	421	3.98	7.9	0.5	1.2	3.9	16	0.2	0.4	0.1	68	0.15	0.039
1095094	Soil	1.2	11.9	8.6	71	<0.1	13.7	10.8	419	3.60	6.1	0.8	<0.5	2.8	15	0.2	0.4	0.2	55	0.18	0.053

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1095047	Soil	19	29	0.71	499	0.107	<1	1.89	0.013	0.24	0.2	0.06	5.7	0.2	<0.05	6	<0.5	<0.2
1095049	Soil	11	10	0.54	182	0.091	<1	1.53	0.007	0.31	<0.1	0.01	2.6	0.2	<0.05	7	<0.5	<0.2
1095050	Soil	18	21	0.43	448	0.053	1	1.59	0.011	0.19	0.1	0.02	4.1	0.2	<0.05	5	<0.5	<0.2
1095105	Soil	8	69	1.70	278	0.238	1	2.87	0.011	0.62	0.1	0.02	2.7	0.3	<0.05	8	<0.5	<0.2
1095101	Soil	7	16	0.42	95	0.118	<1	1.26	0.006	0.07	<0.1	<0.01	1.2	0.1	<0.05	8	<0.5	<0.2
1095084	Soil	9	51	1.28	210	0.164	1	2.63	0.008	0.65	0.2	0.03	4.4	0.3	<0.05	8	0.7	<0.2
1095104	Soil	20	32	0.53	388	0.048	<1	2.61	0.009	0.09	0.1	0.04	4.3	0.1	<0.05	7	0.8	<0.2
1095118	Soil	9	47	1.15	202	0.159	1	2.13	0.008	0.44	<0.1	0.01	2.7	0.2	<0.05	7	<0.5	<0.2
1095082	Soil	8	40	0.95	226	0.145	<1	2.64	0.008	0.47	0.1	0.03	3.6	0.2	<0.05	7	0.6	<0.2
1095106	Soil	9	43	0.78	201	0.090	2	2.73	0.009	0.09	0.2	0.02	3.6	0.1	<0.05	6	0.8	<0.2
1095083	Soil	14	51	1.23	273	0.165	1	2.53	0.009	0.55	0.1	0.02	3.9	0.3	<0.05	7	<0.5	<0.2
1095103	Soil	13	55	1.50	266	0.123	1	2.65	0.008	0.38	0.1	0.01	3.6	0.2	<0.05	8	<0.5	<0.2
1095117	Soil	14	38	0.74	289	0.084	2	1.95	0.010	0.08	0.2	0.06	4.1	0.2	<0.05	6	0.7	<0.2
1095111	Soil	8	38	0.77	137	0.120	2	1.88	0.006	0.17	0.1	0.03	2.8	0.2	0.06	8	0.6	<0.2
1095108	Soil	11	47	1.04	170	0.141	1	2.21	0.008	0.40	<0.1	0.02	3.3	0.3	<0.05	7	<0.5	<0.2
1095112	Soil	19	55	1.17	278	0.146	2	2.53	0.010	0.31	0.1	0.03	6.2	0.3	<0.05	7	1.0	<0.2
1095092	Soil	20	27	0.80	307	0.075	2	1.91	0.007	0.42	<0.1	0.02	4.8	0.3	<0.05	5	0.5	0.3
1095102	Soil	15	58	1.39	284	0.116	1	2.67	0.009	0.38	0.1	0.02	4.4	0.2	<0.05	8	0.6	<0.2
1095110	Soil	15	49	1.02	308	0.130	2	2.42	0.010	0.25	0.1	0.07	5.2	0.3	0.05	7	0.8	<0.2
1095095	Soil	10	32	0.79	170	0.098	2	2.29	0.009	0.21	0.2	0.03	3.4	0.2	<0.05	7	0.9	<0.2
1095109	Soil	15	47	0.97	313	0.124	2	2.19	0.010	0.31	0.1	0.06	4.3	0.2	<0.05	7	0.7	<0.2
1095107	Soil	10	39	0.63	167	0.121	2	1.63	0.009	0.13	0.1	0.03	3.0	0.1	<0.05	10	0.5	<0.2
1095100	Soil	13	34	0.57	345	0.061	2	2.49	0.010	0.08	0.1	0.08	4.2	0.1	<0.05	7	0.6	<0.2
1095098	Soil	15	25	0.41	468	0.049	1	1.60	0.007	0.10	<0.1	0.05	2.6	0.1	<0.05	7	0.8	<0.2
1095093	Soil	16	36	0.88	457	0.097	1	2.20	0.011	0.27	<0.1	0.03	4.1	0.2	<0.05	7	1.1	<0.2
1095088	Soil	13	30	0.71	370	0.084	<1	2.04	0.008	0.19	0.1	0.02	5.1	0.1	<0.05	6	<0.5	<0.2
1095091	Soil	21	25	0.84	298	0.081	1	2.44	0.009	0.49	<0.1	0.03	6.3	0.3	<0.05	7	0.5	0.4
1095081	Soil	11	41	0.94	326	0.149	2	2.58	0.009	0.32	0.1	0.02	3.8	0.2	<0.05	7	<0.5	<0.2
1095096	Soil	8	28	0.76	156	0.097	2	2.38	0.009	0.16	0.1	0.03	2.6	0.1	<0.05	8	0.6	<0.2
1095094	Soil	10	24	0.62	191	0.075	1	2.01	0.010	0.18	<0.1	0.03	2.9	0.1	<0.05	6	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1095089	Soil		0.8	6.7	8.3	56	<0.1	5.8	7.1	499	2.02	3.3	0.4	<0.5	1.2	7	<0.1	0.3	<0.1	50	0.12	0.044
1095097	Soil		1.1	18.8	11.6	70	<0.1	23.7	12.0	346	3.37	13.2	0.6	2.8	4.8	14	0.4	0.6	0.2	67	0.13	0.026
1095099	Soil		0.8	26.8	10.6	55	0.2	23.6	10.2	313	2.77	10.5	1.6	3.6	2.9	22	0.1	0.5	0.1	57	0.29	0.069
1905080	Soil		0.5	28.4	17.2	102	<0.1	14.7	15.2	1214	4.44	38.9	1.0	6.1	6.3	16	0.3	1.7	0.1	72	0.27	0.074
1095090	Soil		0.8	14.5	17.9	58	<0.1	14.0	7.2	271	3.08	10.1	0.6	4.8	1.2	10	0.2	0.6	0.2	58	0.11	0.041
1035773	Soil		1.4	15.8	18.4	70	<0.1	16.1	8.9	355	2.97	14.5	0.9	3.8	7.7	13	0.1	0.6	0.2	57	0.11	0.018
1035772	Soil		1.2	26.5	14.2	67	<0.1	22.5	10.6	406	3.15	15.1	1.2	3.1	8.2	13	0.3	0.7	0.2	61	0.12	0.030
1035778	Soil		1.9	14.3	13.6	58	<0.1	13.5	7.6	366	3.16	8.0	0.9	2.6	6.3	13	0.1	0.5	0.2	72	0.11	0.031
1035777	Soil		5.0	11.5	12.9	62	<0.1	7.9	5.8	373	3.39	8.6	1.4	<0.5	9.4	9	0.2	0.8	0.1	47	0.08	0.030
1035788	Soil		1.1	16.0	13.1	65	<0.1	19.5	9.6	303	3.42	8.6	0.8	0.9	6.5	9	0.3	0.6	0.2	61	0.08	0.023
1035787	Soil		1.2	7.4	9.8	60	<0.1	8.9	4.3	324	2.49	6.3	0.4	3.1	2.6	8	0.2	0.6	0.2	62	0.06	0.025
1035789	Soil		2.4	19.2	12.3	61	0.4	9.9	5.7	388	3.31	8.2	0.8	3.8	6.1	10	0.4	2.8	0.7	58	0.08	0.029
1035785	Soil		1.3	18.3	10.9	53	<0.1	11.1	6.9	223	3.54	9.7	1.3	1.4	9.3	8	0.1	1.0	0.4	49	0.06	0.027
1035786	Soil		1.0	20.0	10.0	63	<0.1	24.1	10.1	268	3.21	14.4	0.5	3.0	4.1	13	0.2	0.7	0.2	62	0.11	0.019
1035784	Soil		1.4	6.2	8.9	23	<0.1	3.4	3.0	125	1.71	3.5	0.8	3.5	5.2	9	<0.1	0.5	0.2	44	0.06	0.018
1035782	Soil		0.9	18.0	12.9	72	<0.1	13.8	10.2	510	3.52	9.7	1.1	1.3	12.9	14	0.2	1.5	0.3	45	0.10	0.016
1035783	Soil		0.9	9.4	12.0	42	0.1	10.0	4.8	212	3.57	9.4	0.4	4.5	2.3	11	0.1	0.5	0.2	69	0.09	0.039
1035781	Soil		1.5	8.2	8.1	28	<0.1	3.8	2.3	154	1.23	2.2	0.6	0.7	0.2	12	0.2	0.2	0.1	21	0.07	0.042
1035774	Soil		2.5	14.8	12.1	63	0.1	16.1	7.5	341	3.35	15.8	0.5	1.3	4.2	11	0.2	0.8	0.5	65	0.10	0.026
1035779	Soil		1.7	16.4	11.9	58	<0.1	15.3	7.0	347	3.04	9.3	1.2	4.0	6.0	16	0.1	0.7	0.2	61	0.13	0.029
1035780	Soil		2.3	18.2	23.7	31	0.1	13.4	4.5	137	4.09	9.9	1.9	6.1	5.6	14	<0.1	0.6	0.3	68	0.12	0.055
1035776	Soil		2.2	18.0	11.7	59	<0.1	16.5	7.8	255	2.85	10.1	1.1	0.5	8.3	11	0.1	0.6	0.2	51	0.10	0.017
1035770	Soil		1.5	17.8	21.4	82	<0.1	21.4	11.9	597	3.48	34.2	0.9	4.7	4.5	17	0.2	0.9	0.3	56	0.15	0.043
1035771	Soil		1.2	13.0	13.1	50	<0.1	15.7	7.2	279	2.82	14.1	0.8	<0.5	4.5	16	<0.1	0.8	0.3	68	0.14	0.027
1035769	Soil		1.2	20.1	24.5	74	0.2	24.7	11.7	296	3.49	30.6	0.6	7.9	4.5	13	0.3	0.9	0.2	61	0.11	0.025
1035768	Soil		1.2	25.7	26.4	83	0.2	26.1	9.5	405	2.96	20.1	0.9	6.5	4.3	30	0.1	0.9	0.2	61	0.30	0.052
1035775	Soil		2.2	19.8	12.6	60	<0.1	18.6	8.2	341	3.14	11.9	1.0	1.5	8.5	16	0.2	0.8	0.2	60	0.12	0.020
1035790	Soil		1.5	17.7	12.5	64	0.1	18.8	10.9	365	3.11	10.0	1.0	1.6	7.8	13	0.1	0.8	0.3	63	0.10	0.020
1035791	Soil		1.0	20.9	10.8	62	0.2	18.3	8.8	306	3.14	9.7	0.7	4.3	6.1	10	0.3	0.7	0.3	57	0.09	0.018
1035794	Soil		1.1	14.2	17.1	70	<0.1	12.7	9.2	326	3.50	7.2	1.5	<0.5	10.0	10	0.2	1.1	0.2	55	0.07	0.022

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

Project: CHA
Report Date: July 22, 2011

CERTIFICATE OF ANALYSIS WHI11000529.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1095089	Soil	8	19	0.64	134	0.098	<1	1.35	0.010	0.42	<0.1	0.03	1.7	0.1	<0.05	7	<0.5	<0.2
1095097	Soil	11	33	0.58	192	0.071	2	2.37	0.008	0.11	0.2	0.04	3.4	0.1	<0.05	6	<0.5	<0.2
1095099	Soil	17	31	0.52	411	0.054	2	1.85	0.012	0.07	0.2	0.06	4.1	0.1	<0.05	5	0.6	<0.2
1905080	Soil	19	29	0.79	598	0.091	<1	1.88	0.009	0.43	<0.1	0.03	7.6	0.2	<0.05	6	<0.5	<0.2
1095090	Soil	12	27	0.44	175	0.040	2	2.04	0.008	0.12	<0.1	0.04	2.6	0.1	<0.05	7	<0.5	<0.2
1035773	Soil	19	28	0.41	281	0.045	2	2.17	0.008	0.09	0.1	0.03	3.9	0.1	<0.05	6	<0.5	<0.2
1035772	Soil	15	37	0.50	309	0.047	<1	2.63	0.009	0.07	0.2	0.04	4.6	0.1	<0.05	6	<0.5	<0.2
1035778	Soil	16	30	0.33	341	0.029	<1	2.39	0.008	0.07	<0.1	0.01	4.0	0.2	<0.05	8	<0.5	<0.2
1035777	Soil	26	16	0.27	192	0.022	1	1.88	0.006	0.20	<0.1	0.02	3.2	0.3	<0.05	6	<0.5	<0.2
1035788	Soil	13	32	0.44	213	0.028	1	2.46	0.007	0.10	0.1	0.04	3.4	0.1	<0.05	7	<0.5	<0.2
1035787	Soil	11	19	0.23	198	0.021	<1	1.46	0.006	0.04	0.1	0.02	1.6	<0.1	<0.05	7	<0.5	<0.2
1035789	Soil	16	19	0.30	250	0.013	1	2.01	0.007	0.10	0.1	0.05	2.4	0.1	<0.05	7	<0.5	<0.2
1035785	Soil	21	18	0.31	187	0.010	<1	2.06	0.007	0.12	<0.1	0.02	3.3	0.2	<0.05	6	<0.5	<0.2
1035786	Soil	9	33	0.57	189	0.059	1	2.23	0.008	0.07	0.1	0.02	2.9	<0.1	<0.05	6	<0.5	<0.2
1035784	Soil	18	8	0.10	163	0.026	<1	1.12	0.007	0.09	<0.1	0.02	2.0	0.2	<0.05	7	<0.5	<0.2
1035782	Soil	21	22	0.44	241	0.028	1	2.36	0.008	0.17	0.1	0.04	4.6	0.2	<0.05	6	<0.5	<0.2
1035783	Soil	10	28	0.29	153	0.049	1	2.36	0.007	0.04	0.2	0.02	2.0	0.1	<0.05	8	<0.5	<0.2
1035781	Soil	8	9	0.07	143	0.008	<1	0.55	0.012	0.10	<0.1	0.04	0.3	<0.1	<0.05	3	<0.5	<0.2
1035774	Soil	13	29	0.45	162	0.046	1	1.82	0.007	0.07	0.1	0.03	2.6	0.1	<0.05	7	<0.5	<0.2
1035779	Soil	22	30	0.49	217	0.049	1	2.12	0.009	0.09	0.2	0.03	4.9	0.1	<0.05	7	0.5	<0.2
1035780	Soil	25	29	0.33	510	0.030	<1	2.38	0.008	0.05	0.1	0.03	3.8	0.2	<0.05	9	1.0	<0.2
1035776	Soil	18	27	0.41	303	0.030	2	2.08	0.007	0.10	<0.1	0.02	3.7	0.1	<0.05	5	<0.5	<0.2
1035770	Soil	13	32	0.51	315	0.031	1	2.45	0.009	0.08	0.2	0.04	3.8	0.1	<0.05	5	0.7	<0.2
1035771	Soil	14	30	0.47	224	0.047	1	1.99	0.008	0.05	0.1	0.02	3.5	0.2	<0.05	7	<0.5	<0.2
1035769	Soil	11	37	0.58	251	0.045	2	2.94	0.009	0.06	0.2	0.05	3.7	0.1	<0.05	6	<0.5	<0.2
1035768	Soil	17	34	0.60	759	0.060	<1	2.01	0.012	0.07	0.2	0.04	4.9	0.1	<0.05	6	1.1	<0.2
1035775	Soil	21	30	0.45	505	0.035	1	2.43	0.009	0.09	<0.1	0.03	4.1	0.2	<0.05	6	0.6	<0.2
1035790	Soil	17	30	0.48	289	0.041	1	2.52	0.009	0.10	<0.1	0.02	3.4	0.2	<0.05	7	0.6	<0.2
1035791	Soil	13	26	0.51	235	0.044	<1	2.42	0.007	0.12	0.1	0.03	3.3	0.2	<0.05	6	<0.5	<0.2
1035794	Soil	20	21	0.43	265	0.028	<1	2.43	0.008	0.23	0.1	0.01	4.6	0.2	<0.05	6	<0.5	<0.2

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Project: CHA
Report Date: July 22, 2011

CERTIFICATE OF ANALYSIS WHI11000529.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1035795	Soil	1.3	20.3	18.5	67	<0.1	18.2	9.5	333	3.51	10.0	1.2	3.4	8.0	13	0.2	1.0	0.2	69	0.10	0.021
1035800	Soil	1.2	23.9	25.7	77	0.2	24.2	8.8	412	2.89	18.8	0.8	5.6	4.1	29	0.2	0.8	0.2	56	0.27	0.049
1035796	Soil	1.3	12.7	16.2	59	<0.1	11.2	6.8	270	3.64	9.8	0.7	1.2	4.6	11	0.3	1.3	0.2	65	0.08	0.022
1035797	Soil	1.3	9.1	20.2	41	<0.1	7.1	7.0	318	3.43	6.7	1.2	0.6	7.4	8	0.1	1.1	0.1	53	0.08	0.022
1042865	Soil	1.1	18.2	28.7	79	0.1	22.2	10.6	422	3.30	37.5	0.7	3.9	4.7	13	0.2	0.9	0.2	56	0.12	0.025
1035798	Soil	1.1	14.2	14.1	52	<0.1	13.5	7.9	257	3.10	7.9	0.7	<0.5	5.0	11	0.1	1.0	0.2	58	0.09	0.018
1035792	Soil	1.1	21.9	11.5	59	<0.1	18.7	8.0	300	3.25	7.9	1.0	2.0	8.9	13	0.2	0.8	0.4	67	0.11	0.019
1035793	Soil	1.1	16.6	16.4	65	<0.1	15.6	8.4	279	3.53	10.0	0.8	0.8	6.0	12	0.2	0.7	0.2	65	0.10	0.021
1035799	Soil	1.0	12.2	20.6	56	0.2	11.0	5.9	248	3.34	8.3	0.6	5.2	4.5	10	0.3	1.5	0.3	70	0.08	0.026
1035686	Soil	1.0	13.2	18.9	68	0.1	13.4	7.0	321	2.37	13.7	1.0	2.8	3.4	20	0.3	0.8	0.6	42	0.15	0.033
1035685	Soil	0.9	15.1	20.0	66	0.1	14.4	6.2	298	2.29	14.1	1.1	8.5	3.1	20	0.3	0.8	0.6	38	0.16	0.035
1035684	Soil	1.2	22.8	16.1	107	<0.1	20.2	7.7	273	3.09	20.8	1.6	5.3	7.0	21	0.4	0.8	0.3	62	0.16	0.026
1035688	Soil	1.3	21.7	14.7	72	0.1	18.7	11.3	407	3.57	16.7	0.8	5.2	3.9	33	0.2	0.6	0.3	91	0.25	0.046
1035687	Soil	1.4	17.7	74.9	219	0.6	14.2	6.7	285	3.10	31.5	1.0	7.4	5.5	57	0.8	1.5	1.2	49	0.30	0.051
1035689	Soil	0.9	23.9	9.8	60	0.1	17.4	12.7	321	3.61	9.0	0.7	1.1	3.3	39	0.1	0.4	0.2	122	0.44	0.074
1035683	Soil	0.9	24.9	18.0	119	0.4	21.7	9.1	327	2.87	15.0	1.1	3.5	7.8	16	0.9	0.6	0.3	64	0.13	0.017
1035678	Soil	0.9	13.3	11.0	56	<0.1	17.7	8.8	334	3.01	10.7	0.5	2.1	3.0	14	0.2	0.7	0.2	65	0.15	0.030
1035682	Soil	1.2	12.8	13.7	43	0.2	10.0	3.9	147	2.18	7.4	0.4	2.3	0.7	11	0.5	0.5	0.3	62	0.09	0.039
1199155	Soil	0.7	14.9	8.6	98	<0.1	20.2	22.2	1292	4.83	4.3	0.6	<0.5	7.3	9	0.1	1.1	0.2	100	0.14	0.048
1035690	Soil	0.9	14.1	10.6	21	0.2	5.2	2.1	52	1.11	3.3	0.4	<0.5	<0.1	11	0.4	0.3	0.2	31	0.06	0.040
1199151	Soil	1.7	34.4	10.6	65	0.1	10.3	13.3	549	4.99	13.5	0.7	<0.5	4.5	10	0.2	1.0	0.3	104	0.12	0.045
1199158	Soil	0.2	12.8	8.4	106	<0.1	20.4	20.5	934	5.22	2.5	0.7	2.0	6.3	30	0.1	0.4	<0.1	109	0.37	0.041
1035671	Soil	1.0	18.7	12.8	55	0.1	20.4	10.0	348	3.21	10.2	0.7	3.3	4.7	16	0.2	0.6	0.2	71	0.15	0.025
1035668	Soil	0.5	17.5	6.9	88	<0.1	23.3	19.0	848	4.65	4.0	0.6	3.1	5.1	38	<0.1	0.3	0.1	94	0.35	0.028
1035674	Soil	0.8	15.7	11.5	89	<0.1	18.2	27.0	1198	4.57	4.0	0.7	3.6	5.6	14	0.1	0.9	0.1	89	0.20	0.038
1035673	Soil	0.6	25.1	11.5	55	0.4	19.1	9.7	360	3.27	10.0	1.0	28.2	4.8	17	0.2	0.7	0.3	57	0.18	0.072
1035667	Soil	0.9	21.4	11.9	79	0.2	20.7	13.9	481	3.82	7.7	0.5	1.5	4.6	15	0.2	0.5	0.2	81	0.15	0.027
1035672	Soil	0.3	22.4	6.0	114	<0.1	15.3	20.6	1348	4.39	2.2	0.7	6.8	4.7	15	0.2	0.6	0.1	70	0.19	0.058
1035670	Soil	0.8	20.4	16.6	120	<0.1	13.4	14.2	679	4.22	7.5	0.7	9.5	4.9	18	0.3	0.6	0.2	70	0.19	0.037
1035669	Soil	0.8	16.1	12.4	66	<0.1	15.7	12.9	707	3.81	9.3	0.8	12.8	4.4	18	0.1	0.4	0.2	69	0.19	0.044

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1035795	Soil	17	31	0.48	465	0.047	1	2.72	0.009	0.13	0.1	0.03	4.8	0.2	<0.05	7	0.6	<0.2
1035800	Soil	16	32	0.55	758	0.054	2	1.73	0.013	0.07	0.2	0.04	4.3	<0.1	<0.05	5	<0.5	<0.2
1035796	Soil	12	24	0.38	304	0.027	2	2.06	0.006	0.10	0.1	0.01	2.8	0.1	<0.05	7	<0.5	<0.2
1035797	Soil	17	16	0.29	213	0.020	<1	1.72	0.006	0.18	0.1	<0.01	3.2	0.1	<0.05	6	<0.5	<0.2
1042865	Soil	12	33	0.54	293	0.037	2	2.44	0.009	0.06	0.1	0.03	3.5	0.1	<0.05	5	<0.5	<0.2
1035798	Soil	12	23	0.42	264	0.036	<1	2.23	0.006	0.14	0.1	0.02	2.8	0.2	<0.05	6	<0.5	<0.2
1035792	Soil	18	29	0.50	319	0.046	<1	2.39	0.009	0.09	<0.1	0.02	3.4	0.2	<0.05	7	<0.5	<0.2
1035793	Soil	12	26	0.52	191	0.048	1	2.34	0.007	0.13	0.1	0.02	4.0	0.2	<0.05	7	<0.5	<0.2
1035799	Soil	11	26	0.36	211	0.036	2	1.98	0.007	0.07	0.1	0.02	2.3	0.1	<0.05	8	<0.5	<0.2
1035686	Soil	13	21	0.36	616	0.039	1	1.24	0.011	0.06	<0.1	<0.01	2.3	<0.1	<0.05	4	<0.5	<0.2
1035685	Soil	15	22	0.37	646	0.036	1	1.26	0.010	0.06	0.1	0.02	2.2	<0.1	<0.05	4	<0.5	<0.2
1035684	Soil	19	37	0.54	632	0.047	<1	2.37	0.009	0.06	0.2	0.03	4.9	0.1	<0.05	6	<0.5	<0.2
1035688	Soil	13	34	0.69	322	0.095	1	2.58	0.017	0.09	0.1	0.02	4.3	<0.1	<0.05	7	<0.5	<0.2
1035687	Soil	19	21	0.48	703	0.050	<1	1.23	0.017	0.08	0.1	0.04	4.8	<0.1	<0.05	4	<0.5	<0.2
1035689	Soil	14	27	0.96	578	0.175	3	1.94	0.022	0.25	0.1	0.03	4.3	<0.1	<0.05	6	<0.5	<0.2
1035683	Soil	18	37	0.56	344	0.064	2	2.38	0.008	0.07	<0.1	0.05	3.6	0.1	<0.05	6	<0.5	<0.2
1035678	Soil	10	34	0.55	129	0.069	1	1.95	0.008	0.09	0.1	0.03	2.5	0.1	<0.05	6	<0.5	<0.2
1035682	Soil	11	21	0.25	137	0.045	1	1.61	0.007	0.04	0.1	0.03	1.4	0.1	<0.05	7	<0.5	<0.2
1199155	Soil	7	69	1.69	269	0.220	<1	3.26	0.008	1.14	0.1	0.03	5.4	0.5	<0.05	10	<0.5	<0.2
1035690	Soil	6	9	0.05	160	0.024	1	0.73	0.014	0.03	<0.1	0.06	0.5	<0.1	0.10	4	<0.5	<0.2
1199151	Soil	9	22	0.93	386	0.107	1	2.71	0.010	0.44	0.1	0.03	6.5	0.2	<0.05	8	<0.5	<0.2
1199158	Soil	19	82	2.08	466	0.241	<1	3.27	0.010	1.31	<0.1	0.01	6.9	0.5	<0.05	10	<0.5	<0.2
1035671	Soil	13	33	0.59	230	0.090	2	2.58	0.010	0.07	0.1	0.03	3.1	0.2	<0.05	7	<0.5	<0.2
1035668	Soil	12	72	1.92	433	0.259	<1	3.04	0.012	1.04	<0.1	0.02	4.0	0.4	<0.05	9	<0.5	<0.2
1035674	Soil	12	69	1.66	274	0.188	<1	3.34	0.007	0.39	<0.1	0.02	5.4	0.2	<0.05	11	<0.5	<0.2
1035673	Soil	14	37	0.61	196	0.045	2	2.49	0.009	0.12	0.2	0.07	4.2	0.1	<0.05	5	0.5	<0.2
1035667	Soil	9	53	1.19	211	0.170	1	3.13	0.010	0.41	0.1	0.04	3.7	0.2	<0.05	8	<0.5	<0.2
1035672	Soil	9	55	1.31	341	0.194	<1	2.73	0.009	1.07	<0.1	0.02	3.8	0.3	<0.05	9	<0.5	<0.2
1035670	Soil	13	32	1.09	227	0.207	<1	2.63	0.012	0.57	0.1	0.04	3.0	0.3	<0.05	8	<0.5	<0.2
1035669	Soil	12	31	0.81	243	0.102	<1	2.43	0.011	0.14	<0.1	0.02	3.8	0.1	<0.05	7	<0.5	<0.2

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

Project: CHA
Report Date: July 22, 2011

CERTIFICATE OF ANALYSIS WHI11000529.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1199157	Soil	0.8	23.6	8.6	89	<0.1	19.2	17.8	584	4.44	6.3	0.4	1.0	3.7	13	0.1	0.5	<0.1	90	0.15	0.023
1035681	Soil	0.9	17.6	12.4	70	<0.1	14.1	8.0	341	3.02	10.9	0.7	1.5	4.8	14	0.3	0.7	0.2	52	0.13	0.030
1194250	Soil	1.1	21.5	10.1	60	0.2	16.5	10.3	360	3.88	9.5	0.7	1.9	4.9	16	<0.1	0.7	0.2	88	0.14	0.016
1035679	Soil	0.9	11.6	25.7	57	0.4	7.2	5.9	423	2.49	12.0	1.0	2.3	4.7	11	0.3	2.0	0.1	38	0.10	0.025
1035680	Soil	1.1	16.8	13.2	54	<0.1	17.1	7.3	230	3.10	12.2	0.7	1.6	3.7	13	0.2	0.6	0.2	66	0.12	0.033
1199154	Soil	0.9	24.7	9.4	76	<0.1	22.9	13.6	544	4.13	8.6	1.3	7.0	5.4	20	0.1	0.5	0.2	90	0.17	0.023
1199153	Soil	0.6	26.3	7.4	99	<0.1	8.8	15.0	769	5.15	3.8	0.8	2.6	5.5	8	0.2	0.5	0.7	120	0.09	0.027
1199152	Soil	0.6	30.0	10.2	92	<0.1	9.7	15.9	826	4.74	6.7	0.8	2.9	6.8	15	0.1	0.9	0.6	94	0.14	0.019
1199156	Soil	0.7	21.2	8.8	93	<0.1	21.7	18.0	644	4.74	5.5	0.4	1.6	4.5	10	0.1	0.6	0.2	96	0.10	0.016
1035675	Soil	0.6	16.3	12.9	77	<0.1	24.2	16.3	696	4.14	6.4	0.9	3.1	7.2	14	0.2	0.8	<0.1	80	0.12	0.021
1035676	Soil	0.4	20.3	23.1	106	0.2	22.3	15.1	805	4.18	8.1	1.1	7.3	8.0	18	0.4	1.4	0.1	72	0.27	0.038
1035677	Soil	0.8	7.3	11.5	35	<0.1	9.0	4.6	148	2.32	5.8	0.5	4.7	0.7	11	0.1	0.6	0.2	58	0.11	0.030

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Project: CHA
Report Date: July 22, 2011

CERTIFICATE OF ANALYSIS WHI11000529.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1199157	Soil	7	56	1.37	231	0.223	<1	3.12	0.008	0.64	0.1	0.02	3.0	0.3	<0.05	7	<0.5	<0.2
1035681	Soil	12	23	0.43	163	0.058	<1	1.84	0.008	0.10	0.1	0.03	2.6	0.1	<0.05	6	<0.5	<0.2
1194250	Soil	11	30	0.76	323	0.109	1	2.47	0.008	0.15	0.1	0.03	4.3	0.2	<0.05	8	<0.5	<0.2
1035679	Soil	21	14	0.20	344	0.012	<1	1.27	0.005	0.08	0.1	0.03	2.7	0.1	<0.05	4	<0.5	<0.2
1035680	Soil	14	31	0.44	192	0.059	1	2.18	0.008	0.06	0.2	0.03	2.7	0.1	<0.05	6	<0.5	<0.2
1199154	Soil	18	50	1.04	255	0.186	<1	2.79	0.011	0.28	<0.1	0.03	6.2	0.2	<0.05	8	<0.5	<0.2
1199153	Soil	11	18	1.36	360	0.147	<1	3.58	0.008	0.99	<0.1	0.02	8.1	0.3	<0.05	10	<0.5	<0.2
1199152	Soil	18	20	1.22	809	0.138	<1	2.60	0.008	0.64	<0.1	0.02	6.4	0.3	<0.05	7	<0.5	<0.2
1199156	Soil	8	69	1.67	231	0.253	<1	3.53	0.009	0.77	0.1	0.03	3.7	0.4	<0.05	9	<0.5	<0.2
1035675	Soil	17	58	1.23	229	0.136	<1	2.71	0.009	0.42	<0.1	0.02	4.8	0.3	<0.05	8	<0.5	<0.2
1035676	Soil	23	56	1.28	570	0.122	1	2.18	0.010	0.41	<0.1	0.02	6.5	0.2	<0.05	8	<0.5	<0.2
1035677	Soil	10	26	0.31	200	0.035	<1	1.53	0.006	0.06	<0.1	0.03	1.7	<0.1	<0.05	7	<0.5	<0.2

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Project: CHA
Report Date: July 22, 2011

QUALITY CONTROL REPORT WHI11000529.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1197486	Soil	1.1	16.2	25.4	85	<0.1	9.0	7.5	530	3.36	5.7	1.4	1.3	10.3	10	0.4	2.7	0.3	29	0.06	0.026
REP 1197486	QC	1.1	16.1	24.9	87	<0.1	10.2	7.6	521	3.17	5.8	1.3	1.7	10.3	11	0.5	2.4	0.3	29	0.06	0.027
1095048	Soil	0.4	22.6	7.9	67	<0.1	7.1	11.6	691	4.18	1.8	1.1	0.9	11.1	18	<0.1	0.5	0.1	70	0.18	0.018
REP 1095048	QC	0.3	22.0	7.8	69	<0.1	6.7	12.1	683	4.17	1.7	1.0	0.7	11.2	18	<0.1	0.5	0.1	70	0.18	0.018
1095112	Soil	0.8	37.9	10.2	86	<0.1	27.0	15.9	666	4.00	8.6	0.9	3.6	7.4	16	0.1	0.8	0.1	80	0.17	0.025
REP 1095112	QC	0.8	37.4	10.1	89	<0.1	26.6	16.2	678	4.06	8.9	0.9	4.0	7.6	16	<0.1	0.8	0.1	81	0.17	0.024
1095090	Soil	0.8	14.5	17.9	58	<0.1	14.0	7.2	271	3.08	10.1	0.6	4.8	1.2	10	0.2	0.6	0.2	58	0.11	0.041
REP 1095090	QC	0.8	15.3	19.2	58	<0.1	14.3	7.3	276	3.18	10.5	0.7	6.9	1.4	10	0.2	0.5	0.2	59	0.11	0.041
1035771	Soil	1.2	13.0	13.1	50	<0.1	15.7	7.2	279	2.82	14.1	0.8	<0.5	4.5	16	<0.1	0.8	0.3	68	0.14	0.027
REP 1035771	QC	1.3	13.1	13.4	55	<0.1	15.8	7.0	279	2.95	14.4	0.8	3.9	4.5	16	0.1	0.8	0.2	64	0.13	0.027
1035799	Soil	1.0	12.2	20.6	56	0.2	11.0	5.9	248	3.34	8.3	0.6	5.2	4.5	10	0.3	1.5	0.3	70	0.08	0.026
REP 1035799	QC	1.0	12.3	19.9	57	0.2	10.4	5.4	238	3.34	8.4	0.6	<0.5	4.3	10	0.3	1.4	0.3	68	0.08	0.027
1035690	Soil	0.9	14.1	10.6	21	0.2	5.2	2.1	52	1.11	3.3	0.4	<0.5	<0.1	11	0.4	0.3	0.2	31	0.06	0.040
REP 1035690	QC	0.9	13.9	10.7	21	0.2	5.0	2.0	53	1.10	3.4	0.4	0.5	<0.1	10	0.3	0.3	0.2	31	0.05	0.037
Reference Materials																					
STD DS8	Standard	13.8	111.3	125.8	309	1.8	40.1	7.5	631	2.58	26.6	2.8	129.9	6.9	63	2.4	5.8	6.1	43	0.69	0.079
STD DS8	Standard	14.0	110.2	128.1	313	1.8	38.3	7.5	624	2.57	26.5	2.8	104.6	7.2	63	2.3	5.2	6.0	43	0.69	0.082
STD DS8	Standard	13.2	107.6	125.6	324	1.8	35.8	7.5	601	2.47	25.4	2.8	116.7	7.1	73	2.5	5.7	6.1	41	0.71	0.076
STD DS8	Standard	13.1	110.5	118.5	319	1.8	38.5	7.2	596	2.44	24.6	2.6	109.3	6.7	73	2.4	5.6	6.0	41	0.72	0.078
STD DS8	Standard	13.2	108.2	134.6	327	1.9	38.6	7.7	678	2.62	28.8	2.7	112.8	6.9	76	2.3	6.1	6.6	44	0.72	0.081
STD DS8	Standard	12.2	97.5	135.6	297	1.8	35.0	7.0	580	2.31	25.7	2.9	120.8	7.1	69	2.2	6.2	6.6	39	0.67	0.078
STD DS8	Standard	13.9	109.0	133.0	318	1.7	39.6	7.7	641	2.53	27.6	2.6	105.4	6.9	76	2.2	5.9	6.5	43	0.75	0.085
STD DS8	Standard	12.5	99.9	130.0	302	1.7	35.9	7.1	609	2.35	25.4	2.6	109.6	6.7	72	2.1	5.8	6.1	43	0.67	0.076
STD DS8	Standard	13.7	115.7	129.4	319	1.8	40.5	8.0	648	2.53	27.5	2.8	121.8	7.0	63	2.4	5.2	6.2	44	0.71	0.088
STD DS8	Standard	13.8	118.7	125.4	322	1.7	40.0	8.0	644	2.52	28.6	2.7	119.0	7.0	65	2.3	5.3	6.2	44	0.72	0.084
STD DS8	Standard	12.5	106.4	118.0	283	1.7	36.7	7.5	567	2.27	25.6	2.4	110.0	6.3	56	2.1	4.9	6.0	40	0.64	0.076
STD DS8	Standard	12.6	103.9	115.5	275	1.6	34.3	7.1	545	2.14	24.0	2.5	101.6	6.2	56	2.0	4.6	5.6	39	0.60	0.072
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08

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Project: CHA
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QUALITY CONTROL REPORT WHI11000529.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1197486	Soil	19	16	0.20	242	0.008	1	1.39	0.006	0.10	0.1	0.05	2.9	<0.1	<0.05	3	<0.5	<0.2
REP 1197486	QC	19	16	0.21	239	0.009	<1	1.40	0.006	0.11	<0.1	0.06	2.9	<0.1	<0.05	3	<0.5	<0.2
1095048	Soil	27	10	0.95	542	0.162	<1	2.26	0.010	0.88	0.2	<0.01	3.4	0.4	<0.05	8	<0.5	<0.2
REP 1095048	QC	27	11	0.90	519	0.162	<1	2.26	0.009	0.90	0.2	<0.01	3.5	0.4	<0.05	8	<0.5	<0.2
1095112	Soil	19	55	1.17	278	0.146	2	2.53	0.010	0.31	0.1	0.03	6.2	0.3	<0.05	7	1.0	<0.2
REP 1095112	QC	18	55	1.18	269	0.148	1	2.52	0.009	0.31	0.1	0.03	6.2	0.4	<0.05	7	<0.5	<0.2
1095090	Soil	12	27	0.44	175	0.040	2	2.04	0.008	0.12	<0.1	0.04	2.6	0.1	<0.05	7	<0.5	<0.2
REP 1095090	QC	12	28	0.45	179	0.036	1	2.00	0.008	0.11	<0.1	0.03	2.5	0.1	<0.05	7	0.5	<0.2
1035771	Soil	14	30	0.47	224	0.047	1	1.99	0.008	0.05	0.1	0.02	3.5	0.2	<0.05	7	<0.5	<0.2
REP 1035771	QC	14	31	0.47	215	0.044	<1	1.95	0.009	0.05	0.2	0.03	3.6	0.1	<0.05	7	0.6	<0.2
1035799	Soil	11	26	0.36	211	0.036	2	1.98	0.007	0.07	0.1	0.02	2.3	0.1	<0.05	8	<0.5	<0.2
REP 1035799	QC	11	25	0.34	213	0.036	<1	2.07	0.007	0.06	0.1	0.01	2.4	0.1	<0.05	7	<0.5	<0.2
1035690	Soil	6	9	0.05	160	0.024	1	0.73	0.014	0.03	<0.1	0.06	0.5	<0.1	0.10	4	<0.5	<0.2
REP 1035690	QC	6	10	0.05	162	0.023	<1	0.73	0.013	0.03	<0.1	0.04	0.5	<0.1	0.05	3	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	15	122	0.61	277	0.121	3	0.94	0.086	0.40	3.2	0.17	2.1	5.3	0.17	5	5.5	4.9
STD DS8	Standard	15	118	0.60	271	0.119	2	0.94	0.084	0.41	3.0	0.18	2.0	5.2	0.13	5	5.0	5.5
STD DS8	Standard	16	117	0.63	280	0.121	2	0.92	0.094	0.40	3.0	0.22	1.9	5.5	0.12	5	4.8	5.1
STD DS8	Standard	15	115	0.65	275	0.118	3	0.95	0.091	0.42	3.0	0.19	2.0	5.2	0.15	5	5.4	5.3
STD DS8	Standard	16	123	0.66	280	0.125	4	0.97	0.092	0.46	3.0	0.20	2.2	5.5	0.12	5	6.4	4.8
STD DS8	Standard	15	108	0.62	277	0.111	3	0.92	0.087	0.40	2.9	0.19	1.9	5.5	0.13	5	5.2	4.6
STD DS8	Standard	14	122	0.64	299	0.116	2	0.92	0.093	0.45	3.0	0.20	2.0	5.4	0.14	5	5.8	4.3
STD DS8	Standard	14	118	0.60	279	0.109	3	0.83	0.086	0.40	2.8	0.19	1.9	5.1	0.14	4	5.1	5.1
STD DS8	Standard	14	123	0.65	282	0.114	3	0.97	0.094	0.42	3.1	0.20	2.3	5.7	0.19	5	5.5	4.8
STD DS8	Standard	14	123	0.65	280	0.111	3	0.95	0.093	0.43	3.1	0.17	2.3	5.6	0.21	5	6.7	5.6
STD DS8	Standard	13	111	0.57	256	0.105	3	0.83	0.078	0.39	2.6	0.19	1.9	4.9	0.15	4	4.5	4.5
STD DS8	Standard	13	107	0.55	251	0.104	3	0.81	0.075	0.37	2.6	0.20	1.9	4.7	0.15	4	4.9	4.4
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5

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

Project: CHA
Report Date: July 22, 2011

QUALITY CONTROL REPORT WHI11000529.1

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

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

Project: CHA
Report Date: July 22, 2011

QUALITY CONTROL REPORT WHI11000529.1

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

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

Submitted By: Mike Skead
Receiving Lab: Canada-Smithers
Received: July 12, 2011
Report Date: July 28, 2011
Page: 1 of 9

CERTIFICATE OF ANALYSIS WHI11000555.1

CLIENT JOB INFORMATION

Project: CHA
Shipment ID: CHA2011-12
P.O. Number
Number of Samples: 238

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	238	Dry at 60C sieve 100g to -80 mesh			SMI
Dry at 60C	238	Dry at 60C			SMI
1DX2	238	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Vancouver BC V6C 1H2 Canada

Project: CHA
Report Date: July 28, 2011

CERTIFICATE OF ANALYSIS WHI11000555.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1095481	Soil	1.0	19.6	12.4	58	0.2	16.0	8.5	222	2.50	6.7	0.9	4.3	2.1	19	0.1	0.4	0.2	53	0.24	0.053
1095479	Soil	0.7	18.6	11.3	60	<0.1	16.4	9.2	297	2.43	7.5	0.6	2.8	3.0	20	<0.1	0.5	0.2	52	0.27	0.044
1095480	Soil	0.8	18.5	11.5	58	0.1	16.5	8.8	285	2.37	8.3	0.6	4.1	2.9	18	0.1	0.4	0.2	51	0.27	0.043
1095466	Soil	0.9	26.0	43.6	107	0.3	20.7	10.6	261	2.57	11.1	0.9	5.2	3.2	30	0.6	0.6	0.2	59	0.29	0.042
1095472	Soil	0.7	13.1	23.8	64	0.2	15.2	7.7	163	2.36	10.1	0.5	3.3	2.1	22	0.1	0.6	0.2	50	0.22	0.049
1095477	Soil	0.9	13.7	18.6	61	0.1	14.0	10.0	546	2.35	8.5	0.5	7.6	1.7	19	0.2	0.4	0.2	55	0.20	0.046
1095470	Soil	0.9	20.7	32.7	72	0.3	17.6	9.8	232	2.57	10.3	0.9	4.1	3.3	39	0.1	0.6	0.2	60	0.38	0.047
1095469	Soil	1.3	16.4	26.7	58	0.1	13.6	15.8	709	2.34	10.2	0.4	<0.5	1.0	36	0.3	0.5	0.2	55	0.22	0.048
1095468	Soil	0.6	22.8	9.6	21	0.2	6.0	3.1	64	0.79	2.9	0.8	<0.5	<0.1	22	0.2	0.2	<0.1	17	0.15	0.072
1095474	Soil	0.7	11.3	34.0	57	0.2	13.6	5.8	142	2.14	10.5	0.6	1.4	1.4	23	0.1	0.5	0.2	49	0.21	0.049
1095471	Soil	0.8	20.6	28.9	66	0.2	17.4	10.0	242	2.50	11.6	0.8	1.1	3.2	29	0.2	0.7	0.2	58	0.29	0.050
1095473	Soil	0.8	15.3	36.6	66	0.2	17.1	8.9	189	2.29	11.1	0.6	1.2	2.6	25	0.2	0.6	0.2	57	0.25	0.048
1095453	Soil	0.9	10.6	9.4	40	0.1	5.8	2.5	114	1.32	3.8	0.4	1.1	0.2	17	0.3	0.3	0.1	37	0.15	0.057
1095456	Soil	0.9	14.4	15.1	53	<0.1	12.5	6.6	328	1.99	7.6	0.5	2.9	0.9	39	0.4	0.6	0.2	49	0.28	0.048
1095467	Soil	0.9	24.1	34.7	87	0.2	20.1	9.5	321	2.59	10.2	0.7	3.1	1.8	31	0.3	0.5	0.2	59	0.23	0.049
1095475	Soil	1.0	21.0	34.5	68	0.2	16.5	10.1	333	2.52	11.7	0.8	5.1	2.4	24	0.2	0.6	0.2	56	0.23	0.050
1095482	Soil	0.9	27.3	11.0	64	0.2	15.8	9.9	277	2.62	6.4	1.2	3.1	3.2	21	<0.1	0.5	0.2	52	0.30	0.048
1095476	Soil	1.5	15.8	26.1	68	0.2	15.3	10.8	405	2.49	10.4	0.7	2.1	2.0	21	0.1	0.6	0.2	57	0.23	0.051
1095478	Soil	0.7	21.9	15.1	59	0.2	17.3	9.4	241	2.46	8.2	1.0	2.4	2.9	23	0.2	0.5	0.2	56	0.32	0.049
1095455	Soil	1.2	16.8	17.8	59	<0.1	15.0	10.8	460	2.67	8.9	0.8	4.9	1.3	34	0.2	0.7	0.2	63	0.23	0.048
1095458	Soil	0.9	18.3	13.0	55	0.2	16.7	8.8	218	2.68	10.5	0.7	3.8	1.9	34	<0.1	0.8	0.2	59	0.24	0.046
1095452	Soil	1.1	16.6	23.3	58	0.2	15.5	7.9	306	2.65	9.7	0.6	2.7	2.3	36	0.3	0.7	0.2	62	0.21	0.038
1095462	Soil	1.0	24.5	12.1	59	<0.1	20.2	13.2	397	2.88	7.8	0.7	7.2	3.0	44	0.2	0.6	0.2	63	0.28	0.039
1095457	Soil	0.6	19.1	15.2	55	<0.1	15.1	9.3	347	2.33	9.1	0.6	11.9	2.5	32	0.2	0.8	0.1	48	0.19	0.031
1095454	Soil	0.9	14.8	20.2	58	<0.1	13.9	7.4	346	2.48	8.8	0.6	5.6	2.3	38	0.2	0.7	0.2	53	0.20	0.035
1095461	Soil	1.3	20.4	10.6	54	<0.1	18.0	8.9	223	2.53	7.6	0.7	3.1	2.7	29	0.1	0.5	0.2	56	0.20	0.036
1095459	Soil	0.8	15.0	10.4	42	<0.1	12.3	5.2	146	2.08	5.8	0.7	3.4	0.9	21	0.2	0.4	0.2	48	0.14	0.041
1095464	Soil	0.8	19.4	119.6	144	0.6	14.2	11.0	307	2.44	6.5	0.6	3.2	2.6	58	0.4	0.6	0.2	55	0.35	0.048
1095451	Soil	1.2	21.4	25.8	55	0.3	15.5	14.7	906	2.52	10.0	1.1	5.3	1.4	33	0.2	1.1	0.2	55	0.25	0.068
1095465	Soil	1.0	23.0	152.9	171	1.2	14.4	8.0	245	2.27	18.4	0.9	5.8	0.7	40	1.0	0.8	0.2	53	0.27	0.061

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600 - 666 Burrard St.
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Project: CHA
Report Date: July 28, 2011

CERTIFICATE OF ANALYSIS WHI11000555.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1095481	Soil	11	25	0.55	235	0.030	1	1.87	0.009	0.05	0.1	0.06	3.4	<0.1	<0.05	5	<0.5	<0.2
1095479	Soil	11	26	0.57	215	0.043	1	1.71	0.008	0.04	0.2	0.04	2.8	<0.1	<0.05	5	<0.5	<0.2
1095480	Soil	11	26	0.58	207	0.041	<1	1.78	0.008	0.04	0.1	0.05	2.8	<0.1	<0.05	5	<0.5	<0.2
1095466	Soil	11	31	0.67	246	0.089	1	1.96	0.013	0.09	0.2	0.07	4.0	0.1	<0.05	5	<0.5	<0.2
1095472	Soil	8	25	0.52	182	0.056	<1	1.82	0.009	0.06	0.2	0.05	2.8	0.1	<0.05	5	<0.5	<0.2
1095477	Soil	10	24	0.51	236	0.047	1	1.69	0.010	0.05	0.1	0.04	2.6	<0.1	<0.05	5	<0.5	<0.2
1095470	Soil	12	31	0.68	326	0.063	<1	2.19	0.012	0.08	0.1	0.04	4.2	0.1	<0.05	6	<0.5	<0.2
1095469	Soil	7	23	0.47	209	0.053	<1	1.63	0.012	0.08	0.1	0.04	2.1	0.1	0.05	6	<0.5	<0.2
1095468	Soil	6	10	0.12	125	0.016	1	0.71	0.016	0.04	<0.1	0.07	0.8	<0.1	0.10	2	<0.5	<0.2
1095474	Soil	8	25	0.49	181	0.040	<1	1.65	0.008	0.05	0.2	0.05	2.6	0.1	<0.05	5	<0.5	<0.2
1095471	Soil	12	31	0.62	247	0.073	1	2.09	0.012	0.07	0.2	0.04	3.8	0.1	<0.05	6	<0.5	<0.2
1095473	Soil	11	27	0.60	218	0.062	<1	1.91	0.010	0.06	0.2	0.03	3.2	0.1	<0.05	5	<0.5	<0.2
1095453	Soil	4	13	0.13	84	0.040	1	0.66	0.011	0.06	<0.1	0.08	0.8	<0.1	0.09	4	<0.5	<0.2
1095456	Soil	7	20	0.39	196	0.052	1	1.41	0.012	0.08	0.1	0.04	2.1	0.1	<0.05	5	<0.5	<0.2
1095467	Soil	9	32	0.64	242	0.078	1	2.23	0.012	0.10	0.2	0.04	3.5	0.2	<0.05	6	<0.5	<0.2
1095475	Soil	11	27	0.57	245	0.052	1	1.91	0.010	0.06	0.1	0.04	3.3	0.1	<0.05	6	<0.5	<0.2
1095482	Soil	15	26	0.64	437	0.029	<1	2.08	0.010	0.06	0.1	0.07	5.2	0.1	<0.05	6	<0.5	<0.2
1095476	Soil	10	26	0.54	216	0.045	<1	1.87	0.008	0.06	0.1	0.03	2.8	0.1	<0.05	6	<0.5	<0.2
1095478	Soil	14	29	0.59	315	0.039	2	2.15	0.011	0.05	0.1	0.05	4.6	0.1	<0.05	6	<0.5	<0.2
1095455	Soil	8	26	0.52	208	0.073	1	1.91	0.014	0.10	0.2	0.05	2.9	0.2	0.06	6	<0.5	<0.2
1095458	Soil	9	28	0.60	211	0.060	1	2.18	0.011	0.08	0.2	0.06	3.3	0.2	<0.05	6	<0.5	<0.2
1095452	Soil	8	23	0.45	246	0.069	2	1.56	0.013	0.08	0.2	0.04	2.8	0.1	0.05	5	<0.5	<0.2
1095462	Soil	10	32	0.75	242	0.095	2	2.38	0.016	0.12	0.1	0.04	4.4	0.2	<0.05	6	<0.5	<0.2
1095457	Soil	8	21	0.49	184	0.066	<1	1.54	0.015	0.09	0.2	0.03	2.7	0.2	<0.05	4	<0.5	<0.2
1095454	Soil	8	23	0.41	205	0.059	1	1.81	0.011	0.08	0.2	0.06	2.5	0.1	<0.05	5	<0.5	<0.2
1095461	Soil	10	27	0.59	200	0.067	1	2.20	0.010	0.08	0.2	0.04	3.2	0.1	<0.05	5	<0.5	<0.2
1095459	Soil	8	24	0.44	104	0.056	1	1.71	0.009	0.06	0.1	0.07	2.3	0.1	<0.05	6	<0.5	<0.2
1095464	Soil	9	27	0.75	234	0.082	<1	2.05	0.014	0.11	0.1	0.04	4.1	0.2	<0.05	6	<0.5	<0.2
1095451	Soil	11	24	0.50	430	0.050	2	1.98	0.016	0.07	0.1	0.07	3.7	0.2	0.06	6	<0.5	<0.2
1095465	Soil	9	28	0.58	248	0.053	<1	2.12	0.014	0.09	0.1	0.06	2.8	0.2	<0.05	6	<0.5	<0.2

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

Project: CHA
Report Date: July 28, 2011

CERTIFICATE OF ANALYSIS WHI11000555.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1095460	Soil	1.3	34.0	13.5	57	0.2	18.7	14.7	482	2.93	8.2	1.4	6.1	1.5	33	0.3	0.6	0.2	64	0.25	0.074
1095463	Soil	1.0	29.1	10.3	59	<0.1	19.3	11.5	320	2.73	6.5	0.9	5.2	3.9	49	0.3	0.5	0.2	63	0.36	0.055
1032382	Soil	0.8	15.4	29.4	63	0.2	14.0	7.9	286	2.37	8.9	0.7	1.8	1.6	24	0.2	0.4	0.2	52	0.21	0.056
1032364	Soil	0.9	22.5	26.1	70	<0.1	18.7	11.1	404	2.77	10.1	0.9	3.9	2.5	31	0.2	1.0	0.2	58	0.21	0.043
1032383	Soil	0.6	18.9	17.3	60	0.2	15.1	8.8	278	2.44	7.2	0.7	3.4	2.0	25	0.2	0.3	0.2	50	0.31	0.054
1032361	Soil	0.9	8.5	10.1	26	0.1	5.6	2.4	107	0.95	4.1	0.4	5.5	0.3	21	<0.1	0.4	0.1	34	0.12	0.043
1032363	Soil	0.9	16.4	15.6	59	0.1	14.5	10.4	465	2.54	10.1	0.6	4.7	1.0	24	0.2	0.6	0.2	56	0.15	0.043
1032362	Soil	1.1	20.2	38.7	58	0.1	12.1	9.2	340	2.67	11.8	0.6	10.0	2.3	45	0.1	0.8	0.2	45	0.28	0.041
1032365	Soil	0.9	24.1	12.6	66	<0.1	17.6	9.7	333	2.91	10.0	0.7	7.7	2.0	27	0.2	0.9	0.1	54	0.22	0.040
1032372	Soil	0.8	18.4	13.5	65	0.3	9.9	6.0	167	1.63	10.8	0.6	6.0	0.5	19	0.2	0.3	0.1	36	0.19	0.059
1032358	Soil	0.8	17.5	17.1	58	<0.1	15.9	10.9	429	3.13	8.4	0.5	5.9	2.2	36	0.3	0.6	0.1	68	0.26	0.037
1032369	Soil	0.8	20.6	3.4	24	0.2	5.4	8.9	454	0.65	1.7	1.1	5.5	0.2	46	0.5	0.4	<0.1	11	0.56	0.135
1032359	Soil	0.6	11.7	15.5	34	0.2	7.4	3.9	280	0.92	3.2	0.5	3.4	0.3	63	0.4	0.4	<0.1	20	0.58	0.091
1032360	Soil	1.0	23.1	30.9	70	<0.1	12.9	10.0	533	2.75	9.4	0.7	9.5	2.0	117	0.2	0.8	0.1	49	0.40	0.039
1032384	Soil	0.6	16.4	18.2	57	0.2	13.4	6.5	178	2.14	6.0	0.7	2.5	1.2	18	0.1	0.3	0.1	41	0.27	0.055
1032379	Soil	1.2	10.6	65.5	41	0.4	9.3	4.2	121	1.63	5.5	0.6	5.4	0.3	28	0.2	0.5	<0.1	24	0.40	0.088
1032375	Soil	1.2	16.5	243.0	46	2.0	9.4	5.3	142	1.40	8.6	1.0	4.1	0.3	23	0.4	0.9	0.1	28	0.28	0.101
1032387	Soil	0.7	20.7	9.3	53	0.2	13.3	8.7	309	2.34	5.2	0.9	5.5	2.2	25	<0.1	0.3	0.1	46	0.41	0.048
1032377	Soil	0.7	17.0	172.1	69	1.4	13.5	7.2	234	1.92	10.7	0.7	2.2	0.9	37	0.5	0.9	0.1	36	0.59	0.071
1032374	Soil	0.7	17.8	152.5	67	1.5	13.3	6.1	157	1.98	12.9	0.7	5.4	0.8	17	0.2	0.9	0.2	43	0.20	0.062
1032380	Soil	0.6	9.4	18.4	45	0.2	10.8	4.4	148	1.53	5.1	0.5	3.9	0.7	22	0.2	0.3	0.1	32	0.26	0.054
1032386	Soil	0.7	16.7	14.2	54	0.2	12.9	8.3	250	2.34	8.3	0.5	2.2	3.0	20	<0.1	0.4	0.1	46	0.28	0.037
1032385	Soil	0.6	13.8	12.3	51	0.1	12.2	6.0	160	2.07	5.1	0.5	3.3	1.5	17	<0.1	0.3	0.1	42	0.28	0.047
1032378	Soil	1.2	11.7	91.5	44	0.5	9.9	4.5	139	1.48	6.8	0.6	2.9	0.3	29	0.3	0.5	<0.1	28	0.42	0.087
1032376	Soil	0.8	16.2	215.5	79	1.1	14.5	7.2	171	2.14	12.4	0.7	4.7	2.0	20	0.2	1.1	0.1	50	0.27	0.061
1032381	Soil	0.8	11.5	21.4	57	0.2	13.2	7.9	361	2.06	7.8	0.5	2.1	1.2	20	0.2	0.4	0.1	48	0.24	0.053
1032371	Soil	1.0	23.9	26.1	61	0.1	17.1	8.4	316	2.48	10.4	0.7	3.4	0.9	23	0.2	0.5	0.2	54	0.22	0.065
1032373	Soil	1.3	26.1	39.5	76	0.3	17.9	12.3	351	2.69	18.4	0.9	5.6	1.7	21	0.2	0.7	0.2	56	0.22	0.057
1032368	Soil	1.1	13.4	6.1	25	0.1	7.0	4.2	123	1.20	1.7	0.8	1.9	0.2	33	0.3	0.2	0.1	28	0.26	0.100
1032370	Soil	1.2	32.1	8.8	53	0.2	15.0	11.5	552	2.06	5.6	1.0	5.7	0.9	43	0.4	0.4	0.1	44	0.54	0.080

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Project: CHA
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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1095460	Soil	11	33	0.65	230	0.053	<1	2.47	0.012	0.12	0.2	0.10	4.5	0.2	0.07	6	<0.5	<0.2
1095463	Soil	11	33	0.77	279	0.109	<1	2.06	0.015	0.14	0.1	0.04	5.1	0.2	<0.05	6	<0.5	<0.2
1032382	Soil	11	26	0.58	245	0.042	<1	2.04	0.010	0.06	0.1	0.04	3.1	0.1	<0.05	6	<0.5	<0.2
1032364	Soil	10	26	0.57	211	0.073	1	2.10	0.015	0.08	0.2	0.05	3.3	0.2	<0.05	5	<0.5	<0.2
1032383	Soil	11	29	0.69	370	0.045	<1	1.91	0.010	0.11	0.1	0.05	4.0	0.1	<0.05	5	<0.5	<0.2
1032361	Soil	6	12	0.12	112	0.027	<1	0.57	0.009	0.06	0.2	0.04	1.0	<0.1	0.10	4	<0.5	<0.2
1032363	Soil	11	23	0.46	172	0.055	<1	1.63	0.010	0.09	0.2	0.04	2.4	0.1	0.06	6	<0.5	<0.2
1032362	Soil	6	21	0.46	206	0.042	<1	1.75	0.015	0.10	0.2	0.06	2.6	0.2	0.09	5	<0.5	<0.2
1032365	Soil	8	24	0.53	192	0.057	<1	1.62	0.016	0.09	0.2	0.01	3.0	0.1	0.07	5	<0.5	<0.2
1032372	Soil	5	21	0.33	153	0.037	<1	1.14	0.013	0.05	<0.1	0.04	1.8	<0.1	0.10	4	<0.5	<0.2
1032358	Soil	7	21	0.53	231	0.065	<1	1.67	0.022	0.08	0.2	0.03	3.7	0.1	0.09	5	<0.5	<0.2
1032369	Soil	7	8	0.11	214	0.014	2	0.61	0.015	0.07	<0.1	0.14	1.9	0.1	0.28	<1	0.7	<0.2
1032359	Soil	5	11	0.16	564	0.022	1	0.76	0.015	0.06	<0.1	0.17	1.3	<0.1	0.19	2	<0.5	<0.2
1032360	Soil	7	19	0.54	350	0.051	<1	1.95	0.019	0.15	0.1	0.02	3.6	0.2	0.09	6	<0.5	<0.2
1032384	Soil	10	23	0.51	304	0.030	<1	1.69	0.009	0.06	0.1	0.05	3.5	<0.1	0.05	5	<0.5	<0.2
1032379	Soil	6	15	0.26	169	0.023	1	1.01	0.010	0.05	<0.1	0.10	1.6	<0.1	0.10	3	<0.5	<0.2
1032375	Soil	7	19	0.28	199	0.024	<1	1.11	0.013	0.05	<0.1	0.08	1.4	0.1	0.15	4	0.6	<0.2
1032387	Soil	12	24	0.57	386	0.025	<1	1.75	0.009	0.05	0.1	0.03	4.3	<0.1	<0.05	5	<0.5	<0.2
1032377	Soil	8	23	0.43	253	0.037	1	1.57	0.011	0.06	0.1	0.08	2.7	0.1	0.08	5	<0.5	<0.2
1032374	Soil	7	24	0.42	162	0.039	<1	1.63	0.013	0.05	0.1	0.07	2.2	0.1	0.07	5	0.6	<0.2
1032380	Soil	7	19	0.36	143	0.037	<1	1.31	0.011	0.05	0.1	0.05	2.0	<0.1	0.07	4	<0.5	<0.2
1032386	Soil	11	22	0.60	312	0.035	<1	1.64	0.008	0.05	0.2	0.03	3.2	<0.1	<0.05	5	<0.5	<0.2
1032385	Soil	9	21	0.50	315	0.023	<1	1.68	0.010	0.05	<0.1	0.05	2.8	0.1	<0.05	5	<0.5	<0.2
1032378	Soil	6	19	0.30	163	0.029	<1	1.07	0.014	0.06	0.1	0.08	1.8	<0.1	0.12	3	<0.5	<0.2
1032376	Soil	9	26	0.50	173	0.055	<1	1.64	0.012	0.06	0.2	0.04	3.0	0.1	<0.05	5	<0.5	<0.2
1032381	Soil	8	22	0.46	203	0.041	<1	1.60	0.009	0.06	0.1	0.04	2.6	<0.1	<0.05	5	<0.5	<0.2
1032371	Soil	8	30	0.53	179	0.061	2	1.82	0.013	0.09	0.1	0.06	2.6	0.1	0.08	6	0.5	<0.2
1032373	Soil	9	29	0.56	202	0.061	<1	2.02	0.012	0.08	0.2	0.06	3.5	0.2	0.08	6	<0.5	<0.2
1032368	Soil	6	17	0.23	166	0.028	2	0.93	0.011	0.08	<0.1	0.09	1.1	0.1	0.13	4	0.5	<0.2
1032370	Soil	9	25	0.50	285	0.056	2	1.60	0.014	0.13	0.2	0.11	3.5	0.1	0.16	5	<0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1032367	Soil	0.9	21.4	7.9	52	<0.1	12.7	7.6	236	2.29	3.8	0.6	6.4	1.6	87	0.2	0.4	<0.1	50	0.36	0.042
1032366	Soil	0.9	21.0	8.2	45	<0.1	15.6	7.6	171	2.26	3.6	0.7	11.1	2.0	35	<0.1	0.3	<0.1	60	0.31	0.045
1035596	Soil	1.0	39.7	10.3	68	0.1	36.4	11.2	428	3.19	10.7	1.2	5.5	7.4	22	<0.1	0.7	0.2	57	0.44	0.048
1035594	Soil	1.0	32.9	10.0	59	0.2	28.6	11.1	478	2.88	8.3	1.3	5.0	6.0	25	<0.1	0.7	0.2	50	0.47	0.043
1032753	Soil	0.8	34.3	9.9	61	<0.1	35.2	12.2	419	2.83	9.3	1.2	3.2	4.5	25	0.2	0.6	0.1	51	0.46	0.051
1035599	Soil	0.9	50.7	7.7	53	0.3	34.5	11.6	589	2.86	7.2	1.2	3.3	2.8	37	0.1	0.8	0.1	49	0.84	0.067
1035598	Soil	0.7	46.9	7.3	45	0.2	36.8	9.2	356	2.29	6.1	1.7	3.2	2.1	31	0.2	0.6	<0.1	42	0.91	0.074
1032755	Soil	0.7	38.1	8.4	57	<0.1	37.2	11.8	352	2.81	6.3	0.9	0.8	4.3	26	<0.1	0.5	0.1	55	0.48	0.049
1032751	Soil	0.7	29.9	8.7	51	0.1	27.1	10.4	584	2.31	5.4	1.0	0.6	3.4	36	0.2	0.6	0.1	41	0.77	0.053
1032754	Soil	0.9	45.6	8.5	59	0.1	47.1	14.9	516	3.04	7.0	1.0	3.3	4.0	26	0.1	0.6	<0.1	60	0.52	0.050
1035597	Soil	0.9	35.4	11.0	71	0.1	32.0	10.5	416	2.88	10.1	1.2	4.4	6.1	25	0.4	0.9	0.4	47	0.39	0.047
1032752	Soil	0.7	51.5	10.4	59	0.2	41.8	12.6	292	3.01	7.9	1.1	0.6	4.7	25	0.2	0.6	0.2	53	0.53	0.044
1035600	Soil	0.8	34.9	10.9	63	0.1	32.4	11.8	361	2.92	8.9	1.1	0.8	4.6	24	0.2	0.7	0.2	45	0.47	0.046
1032762	Soil	0.8	44.8	6.3	66	0.1	64.4	18.6	409	3.27	5.3	0.7	5.2	3.9	34	0.2	0.4	0.1	63	0.75	0.095
1035595	Soil	1.0	33.4	11.3	60	0.1	26.2	11.6	439	2.92	10.9	1.7	3.3	5.1	28	<0.1	0.8	0.2	48	0.50	0.041
1035593	Soil	1.0	28.7	9.4	57	<0.1	26.1	9.7	415	2.56	12.5	1.1	<0.5	4.8	23	0.2	0.8	0.2	45	0.31	0.045
1095413	Soil	2.0	24.0	14.4	66	0.2	21.2	11.6	550	3.03	13.1	1.1	<0.5	2.6	22	0.2	1.1	0.2	55	0.15	0.060
1095411	Soil	1.0	27.5	12.6	52	<0.1	21.2	8.8	312	2.73	11.0	1.2	2.2	3.3	18	<0.1	0.7	0.2	53	0.16	0.042
1095418	Soil	1.1	23.5	11.9	65	<0.1	29.6	10.5	349	3.03	10.6	0.8	5.6	4.0	22	0.1	0.6	0.2	54	0.21	0.041
1095412	Soil	0.8	24.9	10.1	53	<0.1	20.4	8.2	317	2.58	10.4	1.2	1.6	3.7	19	<0.1	0.6	0.2	52	0.16	0.035
1095415	Soil	1.0	23.2	10.6	52	0.1	18.0	7.5	229	2.55	9.5	1.1	2.3	1.4	18	<0.1	0.6	0.2	52	0.19	0.052
1095414	Soil	1.1	24.5	10.3	56	0.1	19.8	7.5	227	2.51	9.3	1.1	4.2	2.2	21	0.2	0.7	0.2	50	0.20	0.054
1095417	Soil	1.3	26.2	14.3	71	<0.1	41.8	12.2	375	3.31	11.0	0.8	8.8	3.2	22	0.2	0.9	0.2	62	0.21	0.047
1095419	Soil	0.7	28.3	10.7	58	0.1	73.0	11.6	407	3.04	12.8	1.4	1.1	4.4	16	<0.1	0.5	0.2	57	0.16	0.040
1095421	Soil	1.0	31.6	10.1	88	<0.1	44.3	19.1	1152	5.48	6.9	0.8	0.8	9.6	14	0.1	2.4	0.1	84	0.25	0.068
1095422	Soil	2.0	53.4	8.2	78	0.2	59.7	19.4	743	4.53	4.7	0.7	<0.5	1.6	24	0.1	0.4	0.2	94	0.29	0.083
1095416	Soil	1.2	27.2	13.3	67	0.1	29.5	11.0	384	3.13	12.1	1.3	6.3	4.0	20	<0.1	0.7	0.3	59	0.19	0.056
1095420	Soil	0.9	18.7	9.5	46	<0.1	18.6	7.0	274	3.02	6.0	0.5	2.5	1.2	15	<0.1	0.4	0.3	75	0.18	0.057
1095409	Soil	1.1	24.2	13.3	48	0.2	17.6	7.8	232	2.84	10.5	0.5	3.5	2.3	15	0.4	0.7	0.3	55	0.10	0.039
1095410	Soil	1.3	29.5	15.0	37	0.2	15.4	5.7	183	2.06	10.7	0.9	4.5	3.3	17	0.1	1.5	0.4	40	0.11	0.049

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

Project: CHA
Report Date: July 28, 2011

CERTIFICATE OF ANALYSIS WHI11000555.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1032367	Soil	6	25	0.71	237	0.075	<1	1.84	0.016	0.19	0.1	0.03	3.7	0.2	0.05	5	<0.5	<0.2
1032366	Soil	7	33	0.81	206	0.098	<1	1.95	0.019	0.11	0.2	0.05	4.3	0.3	<0.05	6	<0.5	<0.2
1035596	Soil	22	44	0.46	381	0.045	<1	1.57	0.013	0.07	0.2	0.06	7.1	0.2	<0.05	5	<0.5	<0.2
1035594	Soil	18	36	0.47	350	0.043	<1	1.56	0.014	0.06	0.2	0.05	5.3	<0.1	<0.05	4	<0.5	<0.2
1032753	Soil	14	40	0.43	381	0.039	<1	1.45	0.013	0.05	0.1	0.06	6.2	<0.1	<0.05	4	<0.5	<0.2
1035599	Soil	15	36	0.41	494	0.032	1	1.69	0.017	0.06	0.2	0.07	6.1	<0.1	<0.05	4	<0.5	<0.2
1035598	Soil	16	30	0.37	428	0.027	<1	1.33	0.022	0.04	0.2	0.07	5.5	<0.1	0.09	4	0.9	<0.2
1032755	Soil	12	48	0.57	391	0.050	<1	1.74	0.017	0.05	0.2	0.05	6.5	0.1	<0.05	5	<0.5	<0.2
1032751	Soil	11	28	0.35	381	0.029	<1	1.12	0.012	0.04	0.2	0.05	4.2	<0.1	0.06	3	<0.5	<0.2
1032754	Soil	13	52	0.55	426	0.048	<1	1.64	0.015	0.05	0.2	0.05	8.0	0.1	<0.05	5	<0.5	<0.2
1035597	Soil	17	34	0.40	338	0.042	3	1.33	0.013	0.06	0.2	0.06	5.9	0.1	<0.05	4	1.0	<0.2
1032752	Soil	16	48	0.58	461	0.037	2	1.56	0.009	0.09	0.2	0.06	7.9	0.1	<0.05	5	1.0	<0.2
1035600	Soil	14	34	0.40	381	0.031	2	1.27	0.011	0.05	0.2	0.05	5.6	<0.1	<0.05	4	0.8	<0.2
1032762	Soil	10	109	1.49	409	0.087	2	1.93	0.012	0.16	0.2	0.04	6.1	0.1	<0.05	6	1.0	<0.2
1035595	Soil	17	35	0.42	408	0.038	2	1.45	0.011	0.04	0.2	0.04	5.3	<0.1	<0.05	4	1.1	<0.2
1035593	Soil	15	30	0.41	300	0.045	1	1.35	0.010	0.04	0.2	0.04	4.9	0.1	<0.05	4	0.8	<0.2
1095413	Soil	11	29	0.39	251	0.037	2	1.46	0.008	0.07	0.3	0.03	2.8	<0.1	<0.05	5	1.2	<0.2
1095411	Soil	12	29	0.45	273	0.052	2	1.71	0.008	0.05	0.2	0.09	3.6	<0.1	<0.05	4	0.6	<0.2
1095418	Soil	11	39	0.53	222	0.046	2	1.83	0.007	0.05	0.2	0.02	4.0	<0.1	<0.05	5	0.6	<0.2
1095412	Soil	13	29	0.50	324	0.050	1	1.53	0.007	0.05	0.2	0.05	4.4	<0.1	<0.05	4	0.9	<0.2
1095415	Soil	12	28	0.43	215	0.039	1	1.58	0.008	0.04	0.2	0.05	2.7	<0.1	<0.05	5	1.1	<0.2
1095414	Soil	11	28	0.44	239	0.048	2	1.43	0.012	0.05	0.2	0.03	3.0	<0.1	<0.05	4	1.5	<0.2
1095417	Soil	12	49	0.58	276	0.051	1	1.93	0.006	0.06	0.3	0.03	3.5	0.1	<0.05	6	<0.5	<0.2
1095419	Soil	15	60	0.61	251	0.053	2	2.07	0.008	0.05	0.1	0.04	5.2	0.1	<0.05	5	<0.5	<0.2
1095421	Soil	38	32	0.32	780	0.007	1	1.29	0.004	0.09	0.3	0.14	17.0	0.1	<0.05	3	1.5	<0.2
1095422	Soil	8	92	0.76	304	0.016	1	2.31	0.008	0.06	0.1	0.04	6.8	<0.1	<0.05	7	0.7	<0.2
1095416	Soil	13	40	0.55	276	0.049	1	1.96	0.008	0.05	0.2	0.04	4.4	0.2	<0.05	5	1.2	<0.2
1095420	Soil	11	32	0.49	210	0.051	1	1.67	0.007	0.06	0.1	0.02	4.4	0.1	<0.05	6	0.8	<0.2
1095409	Soil	9	25	0.33	291	0.047	1	1.72	0.008	0.04	0.3	0.03	2.1	<0.1	<0.05	6	0.7	<0.2
1095410	Soil	9	22	0.24	257	0.036	1	0.94	0.004	0.04	0.3	0.09	2.9	0.1	<0.05	3	1.2	<0.2

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Project: CHA
Report Date: July 28, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1095407	Soil		1.3	33.0	31.3	52	0.2	21.8	8.2	240	3.09	16.1	1.0	3.2	2.8	22	0.1	1.3	1.0	60	0.11	0.061
1095408	Soil		1.2	15.9	13.3	41	0.2	12.3	5.2	167	2.63	9.9	0.5	2.8	1.1	16	0.2	0.5	0.4	59	0.12	0.045
1095406	Soil		1.2	22.0	13.7	58	0.1	22.2	9.3	335	2.95	11.1	0.7	8.8	3.1	17	0.2	0.8	0.3	62	0.18	0.033
1095401	Soil		1.3	24.2	11.4	67	<0.1	23.5	10.0	418	2.96	11.9	0.7	0.9	1.5	14	0.1	0.8	0.2	59	0.13	0.043
1095402	Soil		1.0	21.5	8.7	54	<0.1	19.5	9.0	249	2.67	9.5	0.6	1.5	2.6	14	0.2	0.8	0.2	52	0.14	0.049
1095404	Soil		1.1	14.0	11.7	34	<0.1	13.0	5.4	168	2.94	10.9	0.4	<0.5	2.7	11	0.2	0.7	0.2	72	0.09	0.023
1095405	Soil		0.9	31.1	10.4	58	<0.1	24.9	10.8	347	2.91	11.1	0.9	6.4	4.4	17	0.2	0.9	0.2	58	0.14	0.024
1095403	Soil		1.3	23.4	11.3	58	0.1	23.4	9.8	333	2.90	11.7	0.6	2.8	2.4	11	0.3	0.8	0.2	61	0.10	0.049
1095425	Soil		0.8	36.6	6.0	76	<0.1	26.8	25.3	1182	6.70	7.0	0.6	1.3	2.9	14	<0.1	3.0	0.1	171	0.27	0.056
1095428	Soil		0.9	28.9	10.0	57	<0.1	32.9	11.2	410	3.26	8.8	1.1	1.7	3.4	15	0.1	0.9	0.1	68	0.24	0.037
1095429	Soil		0.9	32.6	9.9	57	<0.1	34.9	12.0	419	3.37	9.8	1.5	3.0	4.1	15	0.2	1.0	0.2	70	0.23	0.042
1095426	Soil		0.8	40.3	8.8	66	<0.1	28.3	11.1	408	3.75	9.8	0.9	2.4	3.9	14	<0.1	1.3	0.2	81	0.20	0.030
1095423	Soil		1.2	21.7	10.5	59	<0.1	30.5	12.0	282	3.16	10.5	0.6	<0.5	3.9	13	0.3	0.7	0.2	67	0.11	0.024
1095427	Soil		0.7	24.0	10.7	60	<0.1	12.9	15.9	1220	5.61	4.5	1.1	0.6	3.0	10	<0.1	0.9	0.3	83	0.10	0.035
1095424	Soil		0.7	21.1	8.0	49	<0.1	20.7	10.4	297	3.10	6.1	0.7	1.3	2.7	16	<0.1	0.7	0.2	69	0.17	0.028
1095430	Soil		1.6	114.4	8.6	97	<0.1	43.0	25.0	1632	6.52	14.5	0.6	3.2	3.7	12	0.3	4.3	0.1	144	0.29	0.072
1095433	Soil		1.4	13.5	11.0	43	0.1	13.3	7.4	257	3.14	8.1	1.1	3.9	4.8	9	0.1	0.6	0.2	65	0.10	0.032
1095432	Soil		1.5	11.1	12.2	48	<0.1	13.5	7.3	258	3.46	7.3	0.6	4.3	4.0	9	<0.1	0.6	0.2	72	0.08	0.029
1095431	Soil		1.6	104.6	8.4	89	<0.1	44.1	25.2	1732	6.46	12.4	0.6	2.7	3.7	12	0.2	3.9	0.1	143	0.28	0.068
1198717	Soil		0.8	49.7	7.1	44	0.1	20.0	14.0	615	2.55	5.8	1.1	2.3	0.9	58	0.1	0.5	<0.1	52	1.49	0.064
1198729	Soil		1.1	28.4	5.5	61	<0.1	37.6	17.1	475	3.42	5.0	0.4	2.8	2.2	24	0.1	0.4	<0.1	76	0.55	0.042
1198732	Soil		1.2	25.8	7.6	73	0.1	25.4	13.0	459	3.24	6.1	0.7	1.5	3.0	28	0.2	0.4	0.1	68	0.51	0.055
1198718	Soil		0.7	35.8	5.2	75	0.1	21.7	14.0	524	3.38	4.4	0.7	2.7	1.9	34	0.2	0.4	<0.1	73	0.95	0.053
1198731	Soil		0.8	21.9	7.8	62	0.1	18.0	11.7	490	2.65	6.5	0.7	2.6	2.0	32	0.2	0.4	0.1	56	0.74	0.060
1198730	Soil		0.6	22.0	6.3	66	0.1	18.3	10.7	372	2.52	4.8	0.8	<0.5	1.8	45	0.1	0.4	<0.1	54	1.30	0.058
1198728	Soil		0.6	23.2	6.5	53	<0.1	15.9	10.5	404	2.70	6.4	0.6	3.0	1.6	37	<0.1	0.4	0.1	56	1.08	0.047
1198719	Soil		0.8	35.2	6.2	58	0.3	19.0	13.4	765	3.02	4.7	0.8	4.6	1.4	45	0.5	0.4	<0.1	62	1.08	0.064
1198720	Soil		1.0	28.4	6.1	58	0.2	17.7	9.2	367	2.84	4.4	0.6	1.6	2.4	26	0.2	0.3	<0.1	65	0.50	0.026
1198724	Soil		0.8	30.1	5.6	62	0.1	14.9	13.6	568	3.42	4.4	0.6	4.0	1.3	42	0.2	0.6	<0.1	72	1.33	0.064
1198725	Soil		0.9	17.0	9.1	56	<0.1	18.8	8.7	238	3.30	7.9	0.4	0.5	2.4	20	0.2	0.5	0.1	74	0.26	0.019

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1095407	Soil	9	29	0.33	326	0.050	2	1.62	0.006	0.04	0.3	0.10	3.4	0.1	<0.05	4	0.9	<0.2
1095408	Soil	8	24	0.23	223	0.035	1	1.47	0.006	0.04	0.2	0.06	1.8	<0.1	<0.05	6	0.7	<0.2
1095406	Soil	11	30	0.41	240	0.057	1	1.86	0.007	0.05	0.3	0.06	2.8	<0.1	<0.05	5	0.8	<0.2
1095401	Soil	10	29	0.43	170	0.054	2	1.99	0.007	0.06	0.2	0.06	2.3	0.1	<0.05	6	0.8	<0.2
1095402	Soil	10	28	0.39	153	0.067	1	1.73	0.007	0.05	0.2	0.04	2.5	<0.1	<0.05	5	0.9	<0.2
1095404	Soil	9	23	0.23	71	0.061	2	1.53	0.005	0.03	0.2	0.06	1.6	<0.1	<0.05	8	1.0	<0.2
1095405	Soil	14	32	0.52	321	0.058	1	2.02	0.009	0.05	0.2	0.05	3.8	<0.1	<0.05	5	0.7	<0.2
1095403	Soil	9	30	0.37	136	0.050	1	2.20	0.007	0.04	0.2	0.09	2.6	<0.1	<0.05	6	0.6	<0.2
1095425	Soil	15	39	0.36	353	0.009	<1	1.41	0.003	0.07	1.5	0.20	23.3	0.1	<0.05	5	0.5	<0.2
1095428	Soil	12	48	0.42	258	0.055	1	2.16	0.009	0.05	0.3	0.06	7.9	<0.1	<0.05	5	0.8	<0.2
1095429	Soil	14	50	0.48	289	0.063	2	2.42	0.009	0.05	0.4	0.05	9.3	<0.1	<0.05	5	1.2	<0.2
1095426	Soil	13	36	0.50	285	0.040	<1	2.09	0.007	0.05	0.4	0.09	10.9	0.1	<0.05	6	<0.5	<0.2
1095423	Soil	10	41	0.49	202	0.060	1	2.28	0.007	0.05	0.2	0.03	3.7	0.1	<0.05	6	0.6	<0.2
1095427	Soil	6	15	0.40	274	0.021	<1	1.73	0.004	0.09	0.3	0.04	6.3	0.2	<0.05	6	0.8	<0.2
1095424	Soil	11	34	0.56	284	0.062	<1	1.76	0.008	0.06	0.2	0.03	5.4	0.1	<0.05	6	<0.5	<0.2
1095430	Soil	20	42	0.26	272	0.011	<1	1.03	0.005	0.06	0.4	0.52	23.3	0.1	0.07	4	0.8	<0.2
1095433	Soil	15	37	0.35	183	0.039	<1	2.59	0.009	0.04	0.2	0.03	5.6	0.1	0.05	6	<0.5	<0.2
1095432	Soil	12	37	0.38	169	0.032	<1	2.41	0.009	0.04	0.2	0.01	4.6	<0.1	<0.05	7	<0.5	<0.2
1095431	Soil	19	42	0.24	272	0.011	<1	1.06	0.005	0.06	0.4	0.54	21.9	0.1	<0.05	4	1.0	<0.2
1198717	Soil	13	32	0.56	482	0.026	<1	1.63	0.017	0.05	0.2	0.08	6.8	<0.1	0.10	4	0.8	<0.2
1198729	Soil	7	77	0.98	290	0.050	<1	1.97	0.015	0.05	0.2	0.01	5.8	<0.1	<0.05	6	<0.5	<0.2
1198732	Soil	12	47	0.77	370	0.053	<1	1.91	0.016	0.07	0.2	0.02	6.0	<0.1	<0.05	6	<0.5	<0.2
1198718	Soil	9	42	0.86	430	0.027	<1	1.97	0.015	0.06	0.1	0.03	8.3	<0.1	<0.05	6	0.6	<0.2
1198731	Soil	10	29	0.59	329	0.037	<1	1.58	0.015	0.05	0.3	0.04	4.6	<0.1	<0.05	5	<0.5	<0.2
1198730	Soil	8	30	0.68	290	0.044	1	1.44	0.018	0.05	0.2	0.03	4.5	<0.1	0.06	4	0.6	<0.2
1198728	Soil	9	27	0.55	359	0.037	<1	1.53	0.018	0.04	0.2	0.01	4.9	<0.1	0.06	5	<0.5	<0.2
1198719	Soil	13	37	0.63	534	0.021	<1	1.78	0.013	0.06	0.2	0.07	7.8	<0.1	0.06	5	0.9	<0.2
1198720	Soil	11	36	0.60	438	0.032	<1	1.71	0.013	0.08	0.2	0.03	5.7	<0.1	<0.05	6	<0.5	<0.2
1198724	Soil	9	25	0.69	399	0.019	<1	1.87	0.016	0.05	0.2	0.03	7.8	<0.1	0.09	5	1.0	<0.2
1198725	Soil	8	32	0.56	237	0.040	<1	2.11	0.010	0.07	0.2	0.01	3.5	<0.1	<0.05	6	<0.5	<0.2

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Project: CHA
Report Date: July 28, 2011

CERTIFICATE OF ANALYSIS WHI11000555.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1198722	Soil		0.6	36.4	5.2	61	0.1	24.7	12.4	557	2.74	4.1	1.0	1.4	1.3	47	0.2	0.4	<0.1	57	1.46	0.062
1198721	Soil		0.9	28.7	5.5	61	0.1	29.0	15.1	541	3.80	4.6	0.5	4.9	2.2	27	0.1	0.5	<0.1	87	0.55	0.061
1198726	Soil		1.1	22.6	7.0	69	0.1	21.4	11.7	638	3.13	5.4	0.6	2.1	2.0	36	0.3	0.4	0.1	69	0.95	0.041
1198723	Soil		0.8	36.2	5.7	45	0.1	19.3	9.8	471	2.33	4.9	0.8	1.1	0.8	62	0.1	1.2	<0.1	44	1.94	0.071
1198727	Soil		0.8	31.1	6.3	67	0.1	23.3	12.7	580	3.17	5.6	0.7	2.4	2.2	37	0.2	0.5	0.1	69	0.87	0.060
1198710	Soil		0.9	65.2	7.9	79	0.2	41.2	17.1	518	3.20	5.3	0.7	4.8	2.2	41	0.2	0.5	0.1	69	1.01	0.056
1198708	Soil		0.8	31.2	7.1	50	0.2	20.8	12.9	463	2.45	4.9	0.9	4.0	1.4	35	0.1	0.3	0.1	55	0.74	0.063
1198709	Soil		1.0	42.2	8.2	69	0.1	27.2	18.3	386	3.12	5.8	0.7	4.5	2.7	31	0.2	0.4	0.1	76	0.70	0.047
1198706	Soil		0.8	48.2	7.9	75	0.2	26.4	13.4	441	3.37	5.0	0.9	2.3	2.6	31	0.2	0.3	<0.1	70	0.76	0.056
1198714	Soil		1.5	31.2	7.4	66	<0.1	24.6	15.8	470	3.70	5.4	0.4	<0.5	2.7	21	<0.1	0.3	0.1	86	0.50	0.024
1198712	Soil		1.0	31.8	7.6	66	<0.1	28.9	19.0	590	3.63	5.4	0.7	2.1	2.2	30	0.1	0.4	0.1	80	0.75	0.046
1198711	Soil		0.9	54.1	7.2	80	0.1	30.5	13.8	316	3.34	4.2	0.7	0.8	3.0	25	0.1	0.3	<0.1	78	0.50	0.039
1198713	Soil		1.0	34.6	6.1	65	<0.1	24.3	15.9	566	3.49	4.9	0.6	0.9	1.8	39	0.1	0.4	<0.1	75	0.97	0.057
1198715	Soil		1.3	55.9	8.1	75	0.2	29.3	15.2	815	3.41	5.3	1.8	1.7	2.1	49	0.3	0.6	0.1	55	1.46	0.057
1198703	Soil		0.7	31.4	7.0	61	<0.1	22.8	9.8	265	2.74	4.5	0.7	3.8	2.9	22	0.1	0.3	0.1	57	0.37	0.051
1198705	Soil		0.8	53.0	6.8	72	0.3	24.6	10.9	386	3.44	3.8	0.8	5.4	2.5	33	0.2	0.3	0.1	69	0.78	0.056
1198704	Soil		1.1	40.7	6.4	63	0.2	23.8	14.4	904	3.11	4.7	0.8	<0.5	1.6	46	0.2	0.4	0.1	55	0.80	0.065
1198702	Soil		0.8	29.2	8.1	62	0.2	22.1	9.8	344	2.64	3.4	0.7	2.3	1.9	27	0.2	0.3	0.1	58	0.53	0.063
1198707	Soil		0.6	33.3	7.1	60	0.1	21.4	11.1	357	2.61	4.7	0.8	2.1	1.8	40	0.1	0.4	0.1	55	1.00	0.049
1198701	Soil		0.8	33.0	8.6	71	0.2	24.7	13.6	451	3.20	4.4	0.8	1.5	2.4	30	0.2	0.3	0.1	65	0.59	0.054
1198716	Soil		0.6	40.0	7.1	59	0.1	24.7	14.4	505	3.49	5.3	0.9	2.4	2.3	53	<0.1	0.6	0.3	66	1.19	0.050
1032990	Soil		0.9	21.1	10.6	65	0.1	19.7	9.6	670	2.76	6.8	0.7	1.2	2.1	27	0.4	0.7	0.2	48	0.88	0.045
1032994	Soil		1.0	24.8	7.7	62	0.2	14.4	8.1	521	2.70	6.3	1.0	3.1	1.8	45	0.3	0.8	0.1	38	1.56	0.068
1032996	Soil		1.0	26.7	9.0	70	0.2	17.0	10.9	448	3.15	6.9	1.0	<0.5	2.6	36	<0.1	0.7	0.2	56	0.84	0.052
1032995	Soil		0.9	26.8	8.7	67	0.2	16.6	9.3	359	2.99	7.1	1.1	2.8	2.5	36	0.3	0.7	0.2	50	1.16	0.050
1032991	Soil		0.8	25.2	10.1	64	0.2	18.4	9.1	504	2.70	6.4	0.8	2.4	2.3	34	0.3	0.8	0.2	44	1.21	0.052
1032993	Soil		0.9	18.4	6.7	53	0.1	11.5	5.6	373	1.59	4.7	0.7	1.8	0.9	60	0.3	0.6	0.2	25	2.31	0.053
1032989	Soil		1.1	21.3	9.4	81	<0.1	17.2	11.9	477	3.73	7.5	0.8	<0.5	3.7	26	0.2	1.1	0.2	59	0.50	0.060
1032992	Soil		0.8	30.3	10.9	69	0.2	19.4	9.4	589	2.88	7.7	0.5	4.7	2.5	33	0.4	1.0	0.2	46	1.13	0.054
1032976	Soil		1.3	21.8	7.7	64	0.3	15.5	9.4	290	3.31	7.1	0.7	238.4	3.3	21	0.2	0.6	0.1	64	0.39	0.053

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

Project: CHA
Report Date: July 28, 2011

CERTIFICATE OF ANALYSIS WHI11000555.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1198722	Soil	15	41	0.71	393	0.021	<1	1.83	0.014	0.06	0.3	0.04	6.9	<0.1	0.07	5	<0.5	<0.2
1198721	Soil	8	67	0.92	411	0.027	<1	2.40	0.014	0.07	0.2	0.03	8.5	<0.1	<0.05	7	<0.5	<0.2
1198726	Soil	10	35	0.64	439	0.032	<1	2.03	0.016	0.06	0.2	0.03	6.1	<0.1	<0.05	6	<0.5	<0.2
1198723	Soil	9	27	0.42	420	0.018	2	1.47	0.016	0.04	0.1	0.06	4.2	<0.1	0.15	4	0.7	<0.2
1198727	Soil	11	37	0.74	399	0.032	<1	2.10	0.018	0.06	0.1	0.04	7.9	<0.1	<0.05	6	<0.5	<0.2
1198710	Soil	12	60	1.00	430	0.046	1	2.10	0.017	0.05	0.1	0.04	7.3	<0.1	0.06	6	0.9	<0.2
1198708	Soil	10	35	0.59	355	0.035	<1	1.83	0.016	0.05	0.2	0.05	5.1	<0.1	0.07	5	0.5	<0.2
1198709	Soil	10	46	0.81	385	0.041	<1	1.92	0.015	0.05	0.2	0.04	6.7	<0.1	<0.05	6	1.0	<0.2
1198706	Soil	15	45	0.76	339	0.050	<1	1.99	0.014	0.08	0.2	0.03	6.7	<0.1	<0.05	6	0.8	<0.2
1198714	Soil	9	48	0.98	324	0.038	<1	2.27	0.014	0.08	<0.1	<0.01	5.8	<0.1	<0.05	6	<0.5	<0.2
1198712	Soil	10	54	0.84	380	0.039	<1	2.01	0.017	0.05	0.1	0.03	7.4	<0.1	<0.05	6	<0.5	<0.2
1198711	Soil	11	56	0.96	330	0.068	<1	2.09	0.018	0.05	0.1	0.03	7.6	<0.1	<0.05	6	0.6	<0.2
1198713	Soil	8	41	0.83	334	0.035	<1	1.91	0.016	0.05	0.1	0.05	6.4	<0.1	<0.05	6	0.5	<0.2
1198715	Soil	12	48	0.76	401	0.020	<1	1.78	0.012	0.07	0.4	0.05	7.7	<0.1	0.11	6	1.8	<0.2
1198703	Soil	12	41	0.65	288	0.053	<1	1.89	0.012	0.05	0.1	0.03	4.9	<0.1	<0.05	5	<0.5	<0.2
1198705	Soil	16	47	0.73	350	0.036	<1	2.05	0.013	0.08	0.1	0.03	8.0	<0.1	<0.05	6	<0.5	<0.2
1198704	Soil	12	42	0.71	403	0.043	<1	1.86	0.014	0.05	0.1	0.04	4.8	<0.1	0.06	5	<0.5	<0.2
1198702	Soil	11	44	0.57	384	0.038	<1	1.74	0.013	0.06	0.2	0.03	5.7	<0.1	<0.05	5	<0.5	<0.2
1198707	Soil	12	34	0.58	341	0.037	<1	1.64	0.016	0.06	0.1	0.04	4.8	<0.1	0.07	5	0.5	<0.2
1198701	Soil	13	48	0.68	473	0.034	<1	1.98	0.012	0.06	0.1	0.05	6.8	<0.1	<0.05	6	<0.5	<0.2
1198716	Soil	12	39	0.91	395	0.027	1	2.05	0.014	0.06	<0.1	0.06	6.8	<0.1	0.09	6	1.1	<0.2
1032990	Soil	14	23	0.51	413	0.028	<1	1.70	0.014	0.07	0.3	0.03	3.5	<0.1	<0.05	4	<0.5	<0.2
1032994	Soil	14	18	0.44	430	0.016	2	1.30	0.011	0.06	0.5	0.04	3.7	<0.1	0.09	3	<0.5	<0.2
1032996	Soil	12	26	0.58	591	0.034	<1	1.75	0.012	0.06	0.3	0.03	5.3	<0.1	0.06	5	0.6	<0.2
1032995	Soil	13	23	0.52	435	0.025	1	1.63	0.012	0.07	0.3	0.05	4.6	<0.1	<0.05	4	0.9	<0.2
1032991	Soil	14	24	0.55	343	0.035	2	1.59	0.015	0.06	0.3	0.06	3.8	<0.1	0.05	4	0.9	<0.2
1032993	Soil	8	15	0.38	410	0.014	3	0.99	0.011	0.05	0.2	0.05	2.3	<0.1	0.12	3	<0.5	<0.2
1032989	Soil	13	29	0.66	531	0.033	<1	1.91	0.010	0.09	0.4	0.02	5.4	<0.1	<0.05	5	<0.5	<0.2
1032992	Soil	15	22	0.58	399	0.023	<1	1.71	0.013	0.08	0.3	0.05	4.2	0.1	<0.05	4	0.8	<0.2
1032976	Soil	12	22	0.57	351	0.042	<1	1.75	0.011	0.08	0.1	0.03	4.2	<0.1	<0.05	6	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1032977	Soil		1.4	18.7	9.6	59	0.5	13.5	8.8	234	3.21	8.6	0.7	6.9	2.4	27	0.1	1.4	0.2	58	0.47	0.044
1032978	Soil		1.6	22.7	9.0	67	0.3	13.0	11.4	501	3.41	8.5	0.6	6.4	2.1	28	0.2	1.2	0.1	64	0.49	0.054
1032973	Soil		1.0	34.3	6.0	70	0.2	18.5	15.2	509	4.35	6.1	0.7	5.0	2.3	41	0.1	0.4	0.1	90	0.73	0.066
1032979	Soil		1.2	36.3	7.4	71	0.6	20.9	11.8	375	3.29	5.8	0.8	3.8	1.9	35	0.1	0.7	<0.1	66	0.67	0.080
1032980	Soil		1.6	33.0	7.9	59	0.9	15.0	11.7	579	3.23	5.6	0.9	6.1	1.1	41	0.4	1.1	<0.1	65	0.84	0.066
1032974	Soil		1.0	32.2	7.5	68	0.2	17.9	12.4	470	3.94	7.4	0.9	2.8	3.4	30	0.1	0.5	0.2	80	0.60	0.056
1032972	Soil		0.8	43.4	7.2	69	0.4	17.5	13.2	489	4.21	6.6	1.1	7.3	3.0	43	0.1	0.5	0.1	88	0.88	0.054
1032353	Soil		0.7	31.9	7.9	96	0.2	23.4	19.0	577	3.82	18.5	0.5	7.4	2.3	63	0.3	1.1	<0.1	77	1.71	0.088
1032999	Soil		0.9	19.9	9.5	68	0.1	16.6	9.4	650	2.66	7.1	0.7	31.4	2.0	41	0.3	0.6	0.1	41	1.33	0.052
1032351	Soil		0.6	21.8	8.5	73	0.1	19.8	10.6	408	2.78	7.6	0.5	6.7	3.1	31	0.4	0.6	0.1	50	0.86	0.082
1032975	Soil		0.8	20.2	9.5	64	0.2	15.9	10.4	280	2.93	5.9	0.6	1.8	2.4	40	<0.1	0.5	0.1	57	0.76	0.056
1032352	Soil		0.5	19.8	6.3	74	<0.1	13.1	6.9	501	1.72	5.2	0.6	0.8	0.8	57	0.5	0.5	0.1	30	2.14	0.060
1033000	Soil		0.7	19.6	9.4	76	0.1	15.8	9.7	644	2.79	7.6	0.6	2.5	2.0	45	0.5	0.7	0.1	43	1.47	0.060
1032986	Soil		1.1	23.2	8.9	63	0.2	15.4	11.3	279	3.39	7.0	0.7	2.6	2.6	30	<0.1	1.0	0.1	69	0.53	0.040
1032985	Soil		1.3	25.0	8.3	69	0.2	17.7	12.2	454	3.50	7.8	0.7	3.5	2.3	35	0.2	1.3	0.1	68	0.61	0.050
1032988	Soil		1.0	25.7	10.0	69	0.1	17.2	12.6	269	3.43	6.4	0.9	11.7	3.8	26	<0.1	1.0	0.2	62	0.52	0.053
1032987	Soil		1.3	19.2	6.8	65	0.2	13.8	10.5	484	2.68	4.8	0.6	1.3	1.5	42	0.2	0.9	0.1	54	0.74	0.044
1032983	Soil		1.3	28.9	7.7	65	0.2	15.9	10.8	357	3.18	7.0	0.8	1.5	1.9	35	0.2	1.1	0.1	64	0.66	0.056
1032984	Soil		1.4	20.2	8.4	68	0.2	15.8	11.1	338	3.25	6.4	0.6	<0.5	2.1	27	0.1	1.0	0.1	68	0.49	0.041
1032981	Soil		1.1	35.5	6.5	66	0.3	16.1	10.9	304	3.26	4.8	0.6	8.3	2.5	28	0.1	0.7	0.1	63	0.59	0.062
1032982	Soil		1.0	43.6	6.7	74	0.2	18.7	13.4	395	4.05	8.2	0.8	5.1	3.0	35	0.1	0.8	0.1	83	0.73	0.050
1032998	Soil		0.8	18.5	7.7	56	0.1	14.2	7.4	506	1.88	5.9	0.8	1.0	1.3	52	0.3	0.5	0.3	32	1.65	0.049
1032997	Soil		0.8	19.8	8.3	66	<0.1	14.9	9.8	483	2.69	6.0	0.8	4.4	1.7	43	0.2	0.5	0.2	43	1.22	0.053
1035647	Soil		1.1	23.9	10.2	66	<0.1	29.5	13.6	394	4.05	9.1	0.6	1.3	6.3	14	0.1	0.5	0.2	69	0.16	0.040
1035650	Soil		0.7	22.9	7.1	67	<0.1	13.9	9.4	386	3.61	4.4	0.4	<0.5	1.7	16	<0.1	0.3	0.1	69	0.21	0.060
1035568	Soil		1.2	49.4	10.2	59	<0.1	30.2	14.5	393	3.39	9.9	0.8	3.5	4.5	21	<0.1	0.6	0.2	76	0.24	0.043
1035561	Soil		1.0	27.2	9.3	51	<0.1	20.5	9.5	347	3.17	7.7	0.5	2.0	3.6	11	0.2	0.5	0.2	58	0.12	0.032
1035649	Soil		0.9	31.6	8.9	62	0.1	29.7	11.7	346	3.06	7.6	0.8	2.7	3.9	21	<0.1	0.4	0.2	69	0.27	0.045
1035564	Soil		1.0	27.6	7.3	49	<0.1	18.5	9.5	234	2.24	5.5	0.3	3.1	1.3	16	0.1	0.4	0.1	67	0.14	0.022
1035648	Soil		1.1	44.7	10.1	63	0.1	32.1	13.9	443	3.26	8.9	1.2	2.8	5.0	22	<0.1	0.6	0.2	71	0.27	0.059

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

Project: CHA
Report Date: July 28, 2011

CERTIFICATE OF ANALYSIS WHI11000555.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1032977	Soil	11	22	0.49	360	0.023	<1	1.88	0.010	0.08	0.1	0.05	4.0	<0.1	<0.05	5	<0.5	<0.2
1032978	Soil	10	21	0.57	348	0.024	<1	1.75	0.010	0.09	0.1	0.04	4.3	<0.1	<0.05	5	<0.5	<0.2
1032973	Soil	9	32	1.07	392	0.057	<1	2.41	0.012	0.09	0.1	0.03	7.3	<0.1	<0.05	7	<0.5	<0.2
1032979	Soil	11	35	0.96	520	0.032	<1	2.05	0.013	0.09	0.1	0.05	6.4	<0.1	<0.05	6	1.0	<0.2
1032980	Soil	10	26	0.65	585	0.031	<1	1.72	0.011	0.10	0.1	0.11	6.5	0.1	<0.05	6	0.5	<0.2
1032974	Soil	15	28	0.72	404	0.056	<1	2.31	0.012	0.08	0.1	0.04	6.8	<0.1	<0.05	6	<0.5	<0.2
1032972	Soil	15	28	0.90	389	0.081	<1	2.63	0.015	0.13	0.1	0.06	9.3	<0.1	<0.05	8	<0.5	<0.2
1032353	Soil	12	43	1.01	908	0.047	1	1.48	0.015	0.12	0.3	0.04	13.7	0.2	<0.05	4	1.0	<0.2
1032999	Soil	13	21	0.50	431	0.029	<1	1.51	0.013	0.06	0.2	0.04	3.1	<0.1	<0.05	4	<0.5	<0.2
1032351	Soil	15	23	0.51	345	0.046	2	1.30	0.017	0.07	0.3	0.03	5.0	<0.1	<0.05	4	0.5	<0.2
1032975	Soil	10	22	0.56	491	0.032	<1	1.74	0.017	0.08	0.1	0.03	4.1	<0.1	<0.05	5	<0.5	<0.2
1032352	Soil	8	16	0.48	421	0.022	3	1.00	0.012	0.05	0.2	0.04	2.7	<0.1	0.11	3	0.9	<0.2
1033000	Soil	13	21	0.51	407	0.025	1	1.45	0.013	0.07	0.3	0.05	4.3	<0.1	0.08	4	0.6	<0.2
1032986	Soil	11	26	0.70	500	0.038	<1	1.90	0.011	0.08	0.3	0.03	5.0	<0.1	<0.05	6	0.7	<0.2
1032985	Soil	11	27	0.69	495	0.039	<1	2.00	0.011	0.09	0.1	0.03	5.5	<0.1	<0.05	6	<0.5	<0.2
1032988	Soil	14	26	0.69	430	0.035	<1	1.92	0.010	0.08	0.2	0.03	5.9	<0.1	<0.05	6	<0.5	<0.2
1032987	Soil	8	25	0.58	518	0.035	<1	1.60	0.011	0.08	0.3	0.05	4.2	<0.1	<0.05	5	<0.5	<0.2
1032983	Soil	10	29	0.65	371	0.046	<1	1.86	0.012	0.08	0.1	0.05	5.2	<0.1	<0.05	5	0.6	<0.2
1032984	Soil	9	28	0.67	329	0.047	<1	1.96	0.014	0.08	0.1	0.04	4.2	0.1	<0.05	6	<0.5	<0.2
1032981	Soil	9	27	0.92	446	0.021	<1	1.94	0.010	0.11	0.1	0.05	6.1	0.1	<0.05	6	<0.5	<0.2
1032982	Soil	12	32	1.19	481	0.086	<1	2.24	0.013	0.18	0.1	0.03	8.6	0.1	<0.05	7	0.7	<0.2
1032998	Soil	9	16	0.38	474	0.019	2	1.06	0.011	0.05	0.2	0.05	2.3	<0.1	0.09	3	0.6	<0.2
1032997	Soil	11	19	0.48	421	0.024	1	1.32	0.013	0.07	0.3	0.02	3.4	<0.1	0.07	4	0.9	<0.2
1035647	Soil	17	47	0.65	210	0.082	<1	2.50	0.008	0.13	0.1	0.03	4.3	0.1	<0.05	7	0.6	<0.2
1035650	Soil	12	44	0.73	148	0.083	<1	1.93	0.008	0.13	0.2	0.01	3.4	<0.1	<0.05	7	<0.5	<0.2
1035568	Soil	14	42	0.63	277	0.054	1	2.47	0.010	0.04	0.1	0.02	4.9	<0.1	<0.05	6	<0.5	<0.2
1035561	Soil	13	30	0.51	183	0.026	<1	2.65	0.008	0.08	0.2	0.02	4.2	<0.1	<0.05	6	<0.5	<0.2
1035649	Soil	15	47	0.73	315	0.070	<1	1.99	0.015	0.05	0.1	0.03	5.1	<0.1	<0.05	6	<0.5	<0.2
1035564	Soil	5	32	0.47	101	0.085	<1	1.27	0.011	0.04	0.1	0.02	2.2	<0.1	<0.05	5	<0.5	<0.2
1035648	Soil	17	48	0.66	341	0.062	1	2.31	0.013	0.05	0.2	0.02	5.9	0.1	<0.05	6	<0.5	<0.2

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1035570	Soil	1.1	47.4	10.0	63	<0.1	31.8	14.0	347	3.40	9.9	0.7	2.8	4.5	20	<0.1	0.6	0.2	77	0.18	0.023
1035565	Soil	1.4	27.4	14.3	54	<0.1	21.5	10.8	344	3.18	11.0	1.3	1.9	5.5	15	0.1	0.7	0.3	72	0.12	0.026
1035569	Soil	0.5	22.2	6.9	25	0.2	9.9	4.7	116	1.52	4.1	0.4	1.2	0.3	16	<0.1	0.2	0.2	40	0.15	0.028
1035582	Soil	1.0	27.6	10.7	59	0.1	28.9	14.8	377	3.44	9.9	0.5	1.4	3.7	16	0.2	0.5	0.1	76	0.16	0.026
1035578	Soil	2.0	64.7	21.6	83	<0.1	32.1	17.6	903	5.34	5.0	1.3	<0.5	14.6	22	0.1	0.3	0.2	103	0.24	0.063
1035573	Soil	0.8	92.1	10.3	61	<0.1	54.5	38.4	2337	7.25	5.7	0.3	1.4	1.3	12	0.2	0.9	0.1	158	0.14	0.047
1035579	Soil	0.8	48.8	7.6	65	<0.1	31.7	14.6	380	3.54	6.9	0.5	3.1	3.3	24	<0.1	0.4	0.1	81	0.31	0.040
1035571	Soil	0.9	44.9	7.2	71	<0.1	29.5	19.8	498	4.17	6.8	0.5	2.9	3.8	15	0.2	0.5	0.1	79	0.19	0.051
1035584	Soil	0.7	54.3	9.0	69	<0.1	29.1	21.3	856	4.66	5.5	0.8	3.5	4.9	36	<0.1	0.8	0.2	106	0.38	0.054
1035581	Soil	1.3	28.5	10.6	60	<0.1	33.0	13.0	327	3.84	9.7	0.4	0.9	3.2	16	0.1	0.5	0.2	94	0.17	0.020
1035585	Soil	0.8	36.3	9.2	62	<0.1	27.7	16.2	577	3.51	8.4	1.1	4.4	4.4	31	<0.1	0.5	0.2	82	0.49	0.043
1035562	Soil	1.1	26.1	7.8	54	<0.1	48.9	14.0	632	3.52	5.0	0.3	1.6	0.6	14	<0.1	0.4	0.1	98	0.12	0.041
1035646	Soil	1.0	21.6	9.1	60	<0.1	27.4	12.1	281	3.20	10.4	0.5	1.2	4.0	13	0.2	0.6	0.1	63	0.12	0.024
1035563	Soil	1.0	15.7	10.7	41	<0.1	13.3	7.5	229	2.75	5.8	0.3	1.1	1.2	10	0.1	0.4	0.2	79	0.08	0.030
1035583	Soil	0.7	49.5	8.1	62	<0.1	32.9	20.5	873	3.92	5.0	0.7	1.6	3.3	23	0.2	0.3	0.1	98	0.25	0.038
1035586	Soil	1.0	41.4	9.3	67	<0.1	28.4	14.5	494	3.36	9.5	1.3	5.1	4.8	31	<0.1	0.6	0.2	72	0.39	0.044
1035587	Soil	0.8	37.9	8.1	63	<0.1	24.5	15.8	379	4.28	8.3	0.5	3.0	4.1	18	<0.1	0.6	0.1	99	0.20	0.022
1035589	Soil	0.8	30.5	9.6	63	<0.1	28.1	13.2	419	3.12	9.0	0.7	2.1	4.4	28	<0.1	0.5	0.1	72	0.39	0.032
1035575	Soil	1.0	45.2	7.1	72	0.1	45.0	25.8	533	4.84	6.2	0.4	0.5	1.8	16	0.2	0.6	<0.1	138	0.24	0.037
1035576	Soil	0.6	16.2	4.9	11	<0.1	4.7	1.6	36	0.59	1.2	0.3	<0.5	<0.1	9	0.2	0.1	0.2	18	0.07	0.030
1035588	Soil	0.9	59.8	9.8	77	<0.1	16.8	15.3	467	5.03	5.5	0.7	<0.5	4.7	27	0.2	0.7	0.2	79	0.20	0.026
1035592	Soil	1.1	24.9	8.3	81	<0.1	16.8	13.3	534	3.63	6.9	0.4	1.0	2.8	19	0.1	0.6	0.1	65	0.23	0.045
1035590	Soil	2.3	35.1	6.2	63	<0.1	16.3	17.5	394	4.62	6.3	0.4	1.0	2.7	14	0.2	0.8	<0.1	100	0.19	0.041
1035572	Soil	0.7	85.3	10.0	61	<0.1	49.3	35.8	2020	7.06	5.3	0.3	1.1	1.3	11	0.2	1.0	<0.1	152	0.12	0.045
1035577	Soil	1.3	53.9	9.0	62	<0.1	41.3	12.6	328	4.58	8.7	0.4	1.0	3.0	14	0.1	0.6	0.1	124	0.11	0.028
1035574	Soil	0.8	46.1	6.5	72	0.1	41.3	25.0	487	4.70	6.3	0.4	<0.5	1.7	15	0.2	0.6	<0.1	131	0.20	0.033
1035580	Soil	1.0	33.8	9.2	61	<0.1	25.2	13.0	321	4.15	7.9	0.4	2.0	2.5	14	0.1	0.4	0.1	98	0.15	0.025
1095219	Soil	0.7	14.3	16.1	48	<0.1	13.5	6.0	160	2.10	6.5	0.5	2.5	1.5	25	0.1	0.5	0.1	50	0.21	0.034
1095222	Soil	0.8	18.3	33.1	64	0.2	16.0	9.0	228	2.61	11.4	0.7	18.4	2.8	28	0.1	0.5	0.2	55	0.24	0.037
1095224	Soil	1.7	71.2	15.8	61	0.1	14.3	11.9	397	3.09	7.7	0.8	3.5	3.2	54	0.1	0.6	0.4	69	0.48	0.042

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1035570	Soil	12	49	0.70	294	0.053	1	2.70	0.008	0.05	0.1	0.05	6.5	<0.1	<0.05	6	<0.5	<0.2
1035565	Soil	14	39	0.47	233	0.065	<1	2.45	0.008	0.05	0.2	0.05	5.2	0.1	<0.05	6	<0.5	<0.2
1035569	Soil	6	19	0.24	153	0.028	<1	1.15	0.011	0.04	0.1	0.03	1.4	<0.1	<0.05	5	0.6	<0.2
1035582	Soil	9	48	0.72	231	0.050	<1	2.78	0.010	0.05	<0.1	0.02	4.0	<0.1	<0.05	6	<0.5	<0.2
1035578	Soil	43	50	1.42	361	0.012	<1	3.44	0.007	0.11	<0.1	0.02	6.8	0.1	<0.05	14	<0.5	<0.2
1035573	Soil	5	128	2.11	261	0.006	<1	4.06	0.005	0.06	0.4	0.05	19.6	0.1	<0.05	10	<0.5	<0.2
1035579	Soil	12	48	0.87	291	0.067	<1	2.15	0.012	0.05	0.1	<0.01	4.9	<0.1	<0.05	6	<0.5	<0.2
1035571	Soil	10	39	0.83	280	0.032	<1	2.73	0.008	0.07	0.1	0.02	6.0	<0.1	<0.05	6	<0.5	<0.2
1035584	Soil	19	49	0.95	728	0.033	<1	2.53	0.012	0.08	0.1	0.04	14.7	<0.1	<0.05	7	<0.5	<0.2
1035581	Soil	9	55	0.74	254	0.076	<1	2.79	0.011	0.06	0.1	0.02	4.0	<0.1	<0.05	8	<0.5	<0.2
1035585	Soil	17	47	0.78	425	0.060	<1	2.25	0.016	0.05	0.1	0.04	8.4	<0.1	<0.05	6	<0.5	<0.2
1035562	Soil	5	82	0.84	67	0.058	<1	1.72	0.010	0.06	<0.1	0.03	3.9	<0.1	<0.05	8	<0.5	<0.2
1035646	Soil	8	33	0.57	176	0.082	<1	2.53	0.009	0.07	0.2	0.03	3.4	<0.1	<0.05	5	<0.5	<0.2
1035563	Soil	6	27	0.49	94	0.022	<1	1.85	0.006	0.06	<0.1	0.03	2.1	<0.1	<0.05	7	<0.5	<0.2
1035583	Soil	12	64	0.89	481	0.031	<1	2.87	0.010	0.05	<0.1	0.05	9.7	<0.1	<0.05	7	<0.5	<0.2
1035586	Soil	15	42	0.70	443	0.071	<1	1.98	0.016	0.05	0.2	0.07	7.8	<0.1	<0.05	5	<0.5	<0.2
1035587	Soil	13	40	0.77	287	0.043	<1	2.75	0.011	0.05	0.1	0.02	9.5	<0.1	<0.05	7	<0.5	<0.2
1035589	Soil	15	45	0.74	386	0.068	<1	1.93	0.016	0.05	0.1	0.02	6.6	<0.1	<0.05	6	<0.5	<0.2
1035575	Soil	6	90	1.56	220	0.079	<1	3.13	0.009	0.04	<0.1	0.03	9.2	<0.1	<0.05	8	<0.5	<0.2
1035576	Soil	4	10	0.06	72	0.021	<1	0.54	0.012	0.02	<0.1	0.04	0.5	<0.1	<0.05	2	<0.5	<0.2
1035588	Soil	14	27	0.86	404	0.010	<1	2.92	0.004	0.09	<0.1	0.03	7.9	0.1	<0.05	8	<0.5	<0.2
1035592	Soil	10	26	0.57	219	0.038	<1	1.87	0.010	0.06	0.1	0.02	5.3	<0.1	<0.05	6	<0.5	<0.2
1035590	Soil	7	26	0.65	200	0.028	<1	2.54	0.013	0.05	0.1	0.03	6.6	<0.1	<0.05	8	<0.5	<0.2
1035572	Soil	5	123	2.00	258	0.005	<1	3.97	0.004	0.05	0.4	0.06	18.7	0.1	<0.05	10	<0.5	<0.2
1035577	Soil	11	74	0.91	200	0.047	<1	2.72	0.009	0.07	<0.1	0.03	5.3	<0.1	<0.05	9	<0.5	<0.2
1035574	Soil	6	82	1.44	214	0.073	<1	3.16	0.008	0.03	<0.1	0.02	8.5	<0.1	<0.05	8	<0.5	<0.2
1035580	Soil	7	52	0.85	215	0.041	<1	2.65	0.009	0.05	0.1	0.03	4.5	<0.1	<0.05	8	<0.5	<0.2
1095219	Soil	8	22	0.43	134	0.053	<1	1.54	0.008	0.05	0.1	0.02	2.3	<0.1	<0.05	5	<0.5	<0.2
1095222	Soil	10	27	0.56	217	0.052	<1	1.88	0.008	0.06	<0.1	0.04	3.5	<0.1	<0.05	5	<0.5	<0.2
1095224	Soil	10	24	0.98	436	0.020	<1	2.40	0.012	0.07	<0.1	0.04	3.4	<0.1	<0.05	6	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1095226	Soil	0.7	23.8	11.9	62	0.2	14.3	9.1	319	2.58	5.1	0.5	1.2	2.3	20	<0.1	0.3	0.1	57	0.24	0.046
1095229	Soil	1.2	19.2	19.8	68	0.1	13.3	9.0	326	2.39	5.4	0.4	3.0	3.2	15	0.1	0.4	0.1	43	0.23	0.042
1095228	Soil	0.8	28.5	14.1	62	0.3	15.0	8.1	231	2.37	6.3	1.0	2.8	2.9	18	0.1	0.5	0.2	48	0.34	0.050
1095230	Soil	1.3	20.4	15.6	55	0.2	14.8	8.4	235	2.47	7.1	0.7	2.6	2.9	16	<0.1	0.5	0.1	49	0.25	0.046
1095227	Soil	1.0	36.0	13.5	68	0.3	17.3	9.3	307	2.46	5.8	1.0	4.9	2.8	21	<0.1	0.4	0.2	52	0.35	0.054
1095221	Soil	1.1	24.2	26.3	61	0.4	15.6	9.9	280	2.31	8.8	0.9	6.4	2.3	30	0.2	0.5	0.1	50	0.39	0.049
1095218	Soil	0.5	17.1	11.3	24	0.2	4.5	3.4	100	0.96	3.0	0.4	0.8	0.1	12	0.2	0.2	<0.1	25	0.11	0.036
1095231	Soil	1.3	23.4	15.5	55	0.2	15.4	7.9	227	2.41	6.9	0.8	5.3	2.5	17	<0.1	0.5	0.1	50	0.27	0.048
1095225	Soil	1.1	47.2	14.4	54	0.3	17.5	9.3	345	2.74	9.1	0.9	3.6	2.8	24	<0.1	0.5	0.2	53	0.29	0.050
1095223	Soil	1.3	18.5	25.2	63	0.2	17.2	9.0	324	3.03	9.9	0.7	2.4	2.8	22	0.2	0.4	0.2	60	0.23	0.041
1095220	Soil	2.2	49.3	47.7	101	0.9	26.6	22.7	1210	3.73	17.8	1.8	7.5	1.9	35	0.7	0.8	0.3	71	0.66	0.091
1095210	Soil	0.9	17.9	10.2	54	0.1	14.4	9.8	446	2.09	5.6	0.7	1.7	1.2	38	0.2	0.4	0.2	48	0.30	0.044
1095211	Soil	0.8	14.2	8.2	39	<0.1	10.4	5.6	227	1.59	3.8	0.6	1.4	0.6	25	<0.1	0.3	0.1	38	0.19	0.038
1095215	Soil	1.1	19.4	12.9	84	<0.1	15.7	9.1	400	2.47	11.5	0.7	2.3	2.2	40	0.3	0.4	0.2	54	0.26	0.043
1095212	Soil	0.9	16.4	9.0	57	<0.1	12.4	7.9	315	2.06	5.4	0.4	1.9	1.6	35	0.2	0.3	0.1	44	0.19	0.034
1095216	Soil	1.0	13.1	91.6	80	0.5	9.0	7.1	351	1.58	5.9	0.5	0.6	0.4	27	0.4	0.4	0.1	38	0.19	0.046
1095213	Soil	0.8	31.4	128.6	134	0.6	15.6	10.8	341	2.12	52.4	0.7	4.6	2.1	25	0.7	1.2	0.2	47	0.23	0.045
1095217	Soil	1.1	26.3	28.9	89	0.3	18.8	14.7	490	2.80	12.0	0.9	6.2	1.6	32	0.4	0.5	0.2	60	0.31	0.047
1095214	Soil	1.0	20.4	107.2	90	0.4	14.1	12.0	283	2.20	30.3	0.6	8.7	1.9	38	0.5	0.8	0.2	45	0.24	0.043
1095209	Soil	0.7	18.2	9.9	47	<0.1	13.2	7.2	255	1.99	5.6	0.7	3.6	1.4	28	<0.1	0.4	0.1	42	0.21	0.041
1095202	Soil	0.9	16.4	16.2	52	0.1	14.0	6.3	203	2.22	7.1	0.8	1.1	1.1	28	0.2	0.5	0.2	48	0.15	0.045
1095201	Soil	0.4	31.4	18.6	117	<0.1	20.4	16.2	380	4.25	2.8	2.3	1.3	6.1	98	0.3	0.2	<0.1	111	0.38	0.026
1095207	Soil	0.8	17.1	14.1	53	<0.1	13.6	7.7	348	2.08	6.9	0.7	1.9	1.3	26	0.2	0.5	0.1	45	0.19	0.039
1095203	Soil	0.9	21.9	20.4	62	0.2	17.1	9.1	332	2.51	8.3	1.2	3.3	2.3	27	0.1	0.5	0.2	55	0.18	0.046
1095204	Soil	0.8	17.8	18.8	57	0.1	12.9	8.4	326	2.00	5.9	0.9	3.9	1.5	35	0.2	0.4	0.2	43	0.20	0.047
1095208	Soil	1.0	22.2	12.2	57	<0.1	16.3	10.2	489	2.66	9.0	0.8	1.9	2.2	25	0.2	0.5	0.2	57	0.17	0.036
1095205	Soil	0.9	18.4	14.2	58	<0.1	13.3	11.5	627	2.21	6.7	0.6	0.9	1.9	33	0.2	0.5	0.2	51	0.20	0.034
1095206	Soil	0.8	18.4	23.5	64	0.1	15.8	9.4	436	2.18	8.2	0.7	4.9	1.7	39	0.3	0.5	0.2	48	0.28	0.046

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
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Project: CHA
Report Date: July 28, 2011

CERTIFICATE OF ANALYSIS WHI11000555.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1095226	Soil	8	29	0.66	255	0.041	<1	1.82	0.007	0.08	0.1	0.02	3.1	<0.1	<0.05	6	<0.5	<0.2
1095229	Soil	9	21	0.61	189	0.031	<1	1.79	0.009	0.05	0.1	0.03	2.6	<0.1	<0.05	4	<0.5	<0.2
1095228	Soil	14	25	0.58	326	0.019	<1	1.89	0.009	0.05	0.1	0.07	4.5	<0.1	<0.05	5	<0.5	<0.2
1095230	Soil	10	24	0.48	223	0.031	<1	1.73	0.009	0.04	0.1	0.04	3.1	<0.1	<0.05	5	<0.5	<0.2
1095227	Soil	15	43	0.76	363	0.028	<1	2.12	0.009	0.06	0.1	0.05	4.0	0.1	<0.05	6	0.6	<0.2
1095221	Soil	10	23	0.53	249	0.049	<1	1.66	0.011	0.06	0.2	0.05	4.1	<0.1	<0.05	5	<0.5	<0.2
1095218	Soil	4	9	0.17	79	0.024	<1	0.74	0.013	0.04	<0.1	0.03	0.6	<0.1	0.06	3	<0.5	<0.2
1095231	Soil	11	25	0.48	239	0.030	<1	1.68	0.010	0.04	0.1	0.06	3.4	0.1	<0.05	5	<0.5	<0.2
1095225	Soil	13	30	0.64	300	0.024	<1	2.08	0.008	0.06	0.1	0.04	3.0	0.1	<0.05	6	0.7	<0.2
1095223	Soil	9	29	0.59	217	0.041	<1	2.15	0.007	0.07	0.2	0.04	3.1	0.1	<0.05	7	<0.5	<0.2
1095220	Soil	19	36	0.56	585	0.033	1	3.20	0.010	0.11	0.2	0.09	6.1	0.2	0.05	7	0.8	<0.2
1095210	Soil	8	23	0.52	222	0.046	<1	1.86	0.012	0.09	0.1	0.04	2.8	0.1	<0.05	6	<0.5	<0.2
1095211	Soil	7	17	0.36	148	0.039	<1	1.38	0.012	0.06	0.1	0.03	1.7	0.1	<0.05	5	<0.5	<0.2
1095215	Soil	9	25	0.58	219	0.043	<1	1.93	0.011	0.09	0.1	0.03	2.9	0.1	<0.05	6	<0.5	<0.2
1095212	Soil	6	18	0.42	142	0.048	<1	1.60	0.010	0.08	0.1	0.02	2.0	<0.1	<0.05	5	<0.5	<0.2
1095216	Soil	5	17	0.35	161	0.035	<1	1.22	0.014	0.06	0.1	0.02	1.7	0.1	<0.05	5	<0.5	<0.2
1095213	Soil	9	21	0.43	164	0.052	<1	1.43	0.014	0.06	0.2	0.05	2.1	<0.1	<0.05	4	<0.5	<0.2
1095217	Soil	11	30	0.64	222	0.056	<1	2.08	0.014	0.11	0.2	0.04	3.7	0.1	<0.05	6	<0.5	<0.2
1095214	Soil	8	19	0.47	154	0.047	<1	1.58	0.012	0.08	0.2	0.02	2.2	<0.1	<0.05	5	<0.5	<0.2
1095209	Soil	7	20	0.45	180	0.038	<1	1.62	0.012	0.06	0.1	0.04	2.3	0.1	<0.05	5	<0.5	<0.2
1095202	Soil	8	21	0.39	218	0.039	<1	1.68	0.012	0.06	0.1	0.04	2.4	0.1	<0.05	5	<0.5	0.2
1095201	Soil	7	41	1.25	450	0.192	<1	3.40	0.019	0.72	<0.1	0.01	8.7	0.6	<0.05	10	<0.5	<0.2
1095207	Soil	8	20	0.43	187	0.040	<1	1.60	0.011	0.06	0.2	0.02	2.3	0.1	<0.05	5	<0.5	<0.2
1095203	Soil	9	28	0.50	259	0.046	<1	2.39	0.011	0.08	0.2	0.04	3.4	0.2	<0.05	6	<0.5	<0.2
1095204	Soil	8	21	0.45	225	0.038	<1	1.71	0.013	0.07	0.1	0.03	2.7	0.2	<0.05	5	<0.5	<0.2
1095208	Soil	8	25	0.51	182	0.046	<1	2.12	0.010	0.09	0.1	0.03	3.0	0.2	<0.05	7	<0.5	<0.2
1095205	Soil	6	22	0.49	185	0.052	<1	1.51	0.011	0.10	0.2	0.03	2.6	0.1	<0.05	5	<0.5	<0.2
1095206	Soil	7	20	0.39	202	0.038	2	1.59	0.010	0.07	0.2	0.02	2.2	<0.1	<0.05	4	<0.5	<0.2

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

Project: CHA
Report Date: July 28, 2011

QUALITY CONTROL REPORT WHI11000555.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1095473	Soil	0.8	15.3	36.6	66	0.2	17.1	8.9	189	2.29	11.1	0.6	1.2	2.6	25	0.2	0.6	0.2	57	0.25	0.048
REP 1095473	QC	0.7	15.3	36.1	67	0.2	17.4	8.9	191	2.32	11.1	0.6	2.3	2.6	25	0.2	0.6	0.2	54	0.25	0.048
1095465	Soil	1.0	23.0	152.9	171	1.2	14.4	8.0	245	2.27	18.4	0.9	5.8	0.7	40	1.0	0.8	0.2	53	0.27	0.061
REP 1095465	QC	1.1	23.7	149.2	171	1.2	14.2	7.8	254	2.27	18.0	0.8	4.2	0.7	40	1.0	0.8	0.2	51	0.27	0.063
1032374	Soil	0.7	17.8	152.5	67	1.5	13.3	6.1	157	1.98	12.9	0.7	5.4	0.8	17	0.2	0.9	0.2	43	0.20	0.062
REP 1032374	QC	0.9	17.6	156.1	67	1.5	12.8	5.9	157	2.01	12.7	0.7	3.4	0.6	17	0.2	1.0	0.2	44	0.19	0.061
1032385	Soil	0.6	13.8	12.3	51	0.1	12.2	6.0	160	2.07	5.1	0.5	3.3	1.5	17	<0.1	0.3	0.1	42	0.28	0.047
REP 1032385	QC	0.6	13.0	11.9	51	0.1	12.2	5.6	151	1.97	4.7	0.6	4.5	1.5	17	<0.1	0.3	0.1	42	0.28	0.044
1095422	Soil	2.0	53.4	8.2	78	0.2	59.7	19.4	743	4.53	4.7	0.7	<0.5	1.6	24	0.1	0.4	0.2	94	0.29	0.083
REP 1095422	QC	1.8	52.7	8.4	77	0.2	59.0	19.4	738	4.46	5.0	0.7	<0.5	1.5	24	0.2	0.5	0.2	93	0.30	0.084
1095408	Soil	1.2	15.9	13.3	41	0.2	12.3	5.2	167	2.63	9.9	0.5	2.8	1.1	16	0.2	0.5	0.4	59	0.12	0.045
REP 1095408	QC	1.5	15.9	13.2	41	0.3	13.5	5.4	174	2.64	9.9	0.6	1.4	1.1	16	0.2	0.5	0.3	59	0.12	0.044
1095432	Soil	1.5	11.1	12.2	48	<0.1	13.5	7.3	258	3.46	7.3	0.6	4.3	4.0	9	<0.1	0.6	0.2	72	0.08	0.029
REP 1095432	QC	1.5	10.8	11.9	49	<0.1	13.5	7.3	259	3.37	7.6	0.7	<0.5	4.0	9	0.1	0.5	0.2	70	0.08	0.029
1198711	Soil	0.9	54.1	7.2	80	0.1	30.5	13.8	316	3.34	4.2	0.7	0.8	3.0	25	0.1	0.3	<0.1	78	0.50	0.039
REP 1198711	QC	0.8	51.3	7.0	75	<0.1	29.0	13.7	306	3.23	4.0	0.6	<0.5	3.1	24	0.1	0.4	0.1	74	0.53	0.040
1032990	Soil	0.9	21.1	10.6	65	0.1	19.7	9.6	670	2.76	6.8	0.7	1.2	2.1	27	0.4	0.7	0.2	48	0.88	0.045
REP 1032990	QC	1.0	21.7	11.6	70	<0.1	20.0	9.4	685	2.78	7.2	0.8	2.0	2.1	27	0.4	0.6	0.2	50	0.91	0.043
1032975	Soil	0.8	20.2	9.5	64	0.2	15.9	10.4	280	2.93	5.9	0.6	1.8	2.4	40	<0.1	0.5	0.1	57	0.76	0.056
REP 1032975	QC	0.9	19.6	9.3	63	0.2	13.6	9.9	287	2.85	6.6	0.7	3.7	2.4	40	0.1	0.5	0.1	58	0.76	0.056
1035573	Soil	0.8	92.1	10.3	61	<0.1	54.5	38.4	2337	7.25	5.7	0.3	1.4	1.3	12	0.2	0.9	0.1	158	0.14	0.047
REP 1035573	QC	0.6	90.9	9.8	61	<0.1	54.5	37.7	2335	7.15	5.6	0.3	0.5	1.3	12	0.3	1.0	<0.1	155	0.14	0.049
1035646	Soil	1.0	21.6	9.1	60	<0.1	27.4	12.1	281	3.20	10.4	0.5	1.2	4.0	13	0.2	0.6	0.1	63	0.12	0.024
REP 1035646	QC	1.1	21.5	8.9	60	<0.1	26.8	12.1	283	3.22	10.4	0.5	3.1	4.0	13	0.2	0.7	0.2	64	0.13	0.026
1095220	Soil	2.2	49.3	47.7	101	0.9	26.6	22.7	1210	3.73	17.8	1.8	7.5	1.9	35	0.7	0.8	0.3	71	0.66	0.091
REP 1095220	QC	2.4	52.6	49.0	109	0.9	28.8	25.6	1309	4.07	18.5	1.7	5.2	2.0	36	0.7	0.8	0.3	78	0.68	0.100
1095207	Soil	0.8	17.1	14.1	53	<0.1	13.6	7.7	348	2.08	6.9	0.7	1.9	1.3	26	0.2	0.5	0.1	45	0.19	0.039
REP 1095207	QC	0.8	17.1	13.9	54	<0.1	14.6	8.0	338	2.08	6.8	0.8	<0.5	1.3	27	<0.1	0.5	0.1	48	0.19	0.037

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Project: CHA
Report Date: July 28, 2011

QUALITY CONTROL REPORT WHI11000555.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1095473	Soil	11	27	0.60	218	0.062	<1	1.91	0.010	0.06	0.2	0.03	3.2	0.1	<0.05	5	<0.5	<0.2
REP 1095473	QC	11	28	0.59	213	0.061	1	1.84	0.010	0.06	0.2	0.04	3.3	0.1	<0.05	5	<0.5	<0.2
1095465	Soil	9	28	0.58	248	0.053	<1	2.12	0.014	0.09	0.1	0.06	2.8	0.2	<0.05	6	<0.5	<0.2
REP 1095465	QC	9	27	0.57	250	0.050	<1	2.07	0.014	0.08	0.1	0.06	2.8	0.2	<0.05	6	<0.5	<0.2
1032374	Soil	7	24	0.42	162	0.039	<1	1.63	0.013	0.05	0.1	0.07	2.2	0.1	0.07	5	0.6	<0.2
REP 1032374	QC	7	23	0.42	168	0.041	<1	1.60	0.014	0.05	0.1	0.08	2.1	0.1	0.06	5	<0.5	<0.2
1032385	Soil	9	21	0.50	315	0.023	<1	1.68	0.010	0.05	<0.1	0.05	2.8	0.1	<0.05	5	<0.5	<0.2
REP 1032385	QC	9	21	0.50	307	0.025	<1	1.74	0.010	0.05	0.1	0.03	2.7	<0.1	<0.05	5	<0.5	<0.2
1095422	Soil	8	92	0.76	304	0.016	1	2.31	0.008	0.06	0.1	0.04	6.8	<0.1	<0.05	7	0.7	<0.2
REP 1095422	QC	8	93	0.76	306	0.017	1	2.36	0.008	0.06	0.1	0.04	6.8	<0.1	<0.05	7	0.7	<0.2
1095408	Soil	8	24	0.23	223	0.035	1	1.47	0.006	0.04	0.2	0.06	1.8	<0.1	<0.05	6	0.7	<0.2
REP 1095408	QC	8	23	0.23	228	0.035	1	1.52	0.006	0.04	0.2	0.06	1.9	<0.1	<0.05	6	1.0	<0.2
1095432	Soil	12	37	0.38	169	0.032	<1	2.41	0.009	0.04	0.2	0.01	4.6	<0.1	<0.05	7	<0.5	<0.2
REP 1095432	QC	12	36	0.41	166	0.031	<1	2.59	0.008	0.04	0.1	0.02	4.5	0.1	<0.05	7	<0.5	<0.2
1198711	Soil	11	56	0.96	330	0.068	<1	2.09	0.018	0.05	0.1	0.03	7.6	<0.1	<0.05	6	0.6	<0.2
REP 1198711	QC	11	54	0.98	311	0.071	<1	2.05	0.018	0.06	0.1	<0.01	7.6	<0.1	<0.05	6	0.5	<0.2
1032990	Soil	14	23	0.51	413	0.028	<1	1.70	0.014	0.07	0.3	0.03	3.5	<0.1	<0.05	4	<0.5	<0.2
REP 1032990	QC	14	24	0.50	426	0.029	<1	1.71	0.014	0.07	0.3	0.04	3.6	<0.1	<0.05	4	<0.5	<0.2
1032975	Soil	10	22	0.56	491	0.032	<1	1.74	0.017	0.08	0.1	0.03	4.1	<0.1	<0.05	5	<0.5	<0.2
REP 1032975	QC	11	22	0.57	506	0.032	<1	1.72	0.012	0.07	0.2	0.03	4.3	<0.1	<0.05	5	<0.5	<0.2
1035573	Soil	5	128	2.11	261	0.006	<1	4.06	0.005	0.06	0.4	0.05	19.6	0.1	<0.05	10	<0.5	<0.2
REP 1035573	QC	5	126	2.13	261	0.005	<1	3.99	0.004	0.06	0.4	0.05	19.1	0.1	<0.05	10	0.6	<0.2
1035646	Soil	8	33	0.57	176	0.082	<1	2.53	0.009	0.07	0.2	0.03	3.4	<0.1	<0.05	5	<0.5	<0.2
REP 1035646	QC	8	33	0.58	178	0.085	<1	2.59	0.009	0.07	0.2	0.03	3.4	<0.1	<0.05	6	<0.5	<0.2
1095220	Soil	19	36	0.56	585	0.033	1	3.20	0.010	0.11	0.2	0.09	6.1	0.2	0.05	7	0.8	<0.2
REP 1095220	QC	19	39	0.60	609	0.040	<1	3.44	0.011	0.12	0.2	0.10	6.4	0.2	0.08	8	1.1	<0.2
1095207	Soil	8	20	0.43	187	0.040	<1	1.60	0.011	0.06	0.2	0.02	2.3	0.1	<0.05	5	<0.5	<0.2
REP 1095207	QC	8	22	0.42	187	0.042	<1	1.64	0.012	0.07	0.1	0.03	2.2	<0.1	<0.05	5	<0.5	<0.2

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

Project: CHA
Report Date: July 28, 2011

QUALITY CONTROL REPORT WHI11000555.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
Reference Materials																					
STD DS8	Standard	12.1	103.7	118.4	293	1.8	35.6	7.1	564	2.28	24.7	2.6	96.9	6.3	54	1.9	4.6	5.8	40	0.63	0.069
STD DS8	Standard	11.7	95.8	110.8	266	1.6	33.2	6.5	523	2.07	22.8	2.3	110.2	5.9	53	1.9	4.3	5.3	37	0.58	0.069
STD DS8	Standard	13.3	114.2	122.9	329	1.9	40.0	8.1	664	2.89	28.1	2.9	108.4	7.1	67	2.3	5.9	6.3	42	0.73	0.084
STD DS8	Standard	13.9	117.8	128.0	328	1.9	41.5	7.9	641	2.77	27.1	3.0	116.5	7.2	66	2.4	5.6	6.2	43	0.70	0.082
STD DS8	Standard	13.4	118.6	130.5	313	1.6	40.8	8.0	605	2.50	26.0	2.7	106.5	6.8	63	2.2	5.9	6.7	45	0.66	0.080
STD DS8	Standard	13.6	112.3	130.8	309	1.7	38.3	7.7	592	2.46	25.9	2.8	111.9	6.9	64	2.3	5.9	6.4	43	0.67	0.077
STD DS8	Standard	12.4	107.3	124.2	309	1.7	36.3	7.3	591	2.49	27.0	2.6	100.2	6.5	65	2.2	5.6	6.9	40	0.67	0.080
STD DS8	Standard	12.7	111.5	127.6	327	1.8	38.3	7.6	627	2.53	27.5	2.7	103.3	6.7	67	2.3	6.1	7.0	43	0.68	0.081
STD DS8	Standard	12.4	102.9	118.0	296	1.6	36.1	7.1	574	2.36	24.6	2.6	102.1	6.1	56	2.2	4.7	5.3	40	0.64	0.072
STD DS8	Standard	12.8	100.8	116.8	291	1.6	34.5	6.8	577	2.31	24.0	2.4	95.5	6.0	56	2.0	4.6	5.3	40	0.65	0.070
STD DS8	Standard	12.5	113.5	122.8	313	1.7	39.1	7.7	619	2.54	26.4	2.6	114.6	6.1	55	2.2	5.1	5.8	41	0.66	0.081
STD DS8	Standard	13.0	111.7	121.3	306	1.7	39.0	7.6	622	2.53	25.9	2.7	119.3	6.3	58	2.5	5.3	5.8	41	0.69	0.080
STD DS8	Standard	14.3	116.3	123.2	306	1.8	39.6	7.7	614	2.45	29.0	2.8	119.8	6.8	64	2.7	5.9	6.6	46	0.68	0.080
STD DS8	Standard	13.7	115.9	119.5	306	1.8	38.9	8.0	618	2.50	27.9	2.7	108.0	6.7	64	2.3	5.8	6.7	43	0.69	0.080
STD DS8	Standard	13.6	121.9	138.1	325	1.8	42.7	8.3	630	2.59	27.3	2.7	155.6	6.3	60	2.4	5.7	6.6	44	0.66	0.082
STD DS8	Standard	13.3	122.3	135.5	327	1.9	42.4	8.2	626	2.55	28.3	2.7	120.7	6.2	60	2.5	5.4	6.6	44	0.66	0.083
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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

Project: CHA
Report Date: July 28, 2011

QUALITY CONTROL REPORT WHI11000555.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
Reference Materials																		
STD DS8	Standard	12	110	0.57	260	0.101	1	0.81	0.085	0.38	3.1	0.18	1.7	5.1	0.15	4	4.5	4.5
STD DS8	Standard	12	104	0.54	241	0.093	2	0.77	0.081	0.38	2.6	0.20	1.6	4.8	0.13	4	4.4	4.1
STD DS8	Standard	16	124	0.58	294	0.126	2	0.97	0.076	0.45	3.3	0.22	2.1	5.5	0.17	5	5.7	5.9
STD DS8	Standard	15	127	0.57	277	0.126	2	0.94	0.079	0.44	3.0	0.19	1.9	5.5	0.15	5	6.3	5.2
STD DS8	Standard	13	125	0.60	276	0.118	3	0.88	0.086	0.41	2.8	0.21	2.0	5.4	0.13	5	6.4	4.8
STD DS8	Standard	13	119	0.61	269	0.118	2	0.88	0.086	0.40	2.9	0.20	2.1	5.3	0.08	5	4.8	4.9
STD DS8	Standard	13	116	0.60	274	0.111	2	0.90	0.086	0.42	2.9	0.19	2.2	5.3	0.15	5	4.8	4.5
STD DS8	Standard	13	119	0.63	273	0.113	3	0.91	0.091	0.43	3.1	0.22	2.2	5.6	0.14	5	5.6	5.5
STD DS8	Standard	13	112	0.56	257	0.105	3	0.84	0.087	0.38	2.9	0.19	2.1	5.0	0.17	4	5.4	4.9
STD DS8	Standard	13	111	0.54	259	0.104	2	0.79	0.084	0.39	2.9	0.17	2.0	5.0	0.15	5	5.0	4.5
STD DS8	Standard	12	119	0.64	261	0.101	2	0.88	0.086	0.42	3.1	0.22	2.0	5.4	0.19	5	5.3	5.0
STD DS8	Standard	14	118	0.61	273	0.110	3	0.89	0.087	0.41	3.0	0.18	2.1	5.3	0.16	5	4.6	5.3
STD DS8	Standard	15	122	0.61	290	0.124	3	0.93	0.086	0.41	3.0	0.21	2.0	5.4	0.18	5	5.3	4.9
STD DS8	Standard	14	121	0.61	282	0.124	2	0.94	0.083	0.42	2.9	0.21	2.0	5.2	0.18	5	4.5	4.6
STD DS8	Standard	13	122	0.62	283	0.108	2	0.89	0.084	0.43	3.1	0.21	2.0	5.4	0.15	5	5.5	5.1
STD DS8	Standard	12	124	0.63	276	0.107	4	0.90	0.084	0.43	3.0	0.23	2.0	5.5	0.18	4	5.8	5.1
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
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Submitted By: Mike Skead
Receiving Lab: Canada-Whitehorse
Received: July 15, 2011
Report Date: July 31, 2011
Page: 1 of 6

CERTIFICATE OF ANALYSIS WHI11000603.1

CLIENT JOB INFORMATION

Project: CHA
Shipment ID: CHA2011-09
P.O. Number
Number of Samples: 131

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	131	Dry at 60C sieve 100g to -80 mesh			VAN
Dry at 60C	131	Dry at 60C			VAN
1DX2	131	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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

Project: CHA
Report Date: July 31, 2011

CERTIFICATE OF ANALYSIS WHI11000603.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1148041	Soil	0.8	51.9	10.0	65	0.1	18.5	19.1	814	5.72	4.9	0.8	3.7	3.9	21	0.2	0.4	0.6	95	0.42	0.056
1148031	Soil	0.7	8.2	7.4	22	<0.1	4.6	2.6	109	1.60	4.9	0.4	2.6	0.2	8	<0.1	0.2	0.3	41	0.06	0.037
1094003	Soil	0.6	19.3	9.0	39	<0.1	12.6	6.1	239	2.63	5.8	0.6	4.1	1.0	15	0.4	0.2	0.3	52	0.17	0.035
1148044	Soil	1.3	10.4	5.4	87	<0.1	12.8	27.2	1389	7.58	3.3	0.5	<0.5	2.0	10	0.2	0.4	0.2	127	0.15	0.039
1148046	Soil	0.7	18.0	10.3	44	<0.1	14.9	7.6	275	3.53	9.0	0.9	1.9	4.4	10	0.2	0.5	0.3	72	0.11	0.024
1148040	Soil	0.6	33.0	6.6	61	<0.1	14.6	17.0	607	4.44	4.9	0.7	1.0	2.5	28	0.2	0.3	0.2	118	0.58	0.041
1148030	Soil	0.3	15.1	5.1	52	<0.1	9.0	9.0	305	2.56	6.0	0.5	1.6	2.2	8	<0.1	0.4	0.1	36	0.09	0.036
1148042	Soil	0.7	32.0	25.8	50	<0.1	22.4	14.3	567	3.87	8.6	0.6	0.5	4.5	13	<0.1	0.5	0.2	75	0.20	0.026
1148037	Soil	0.6	7.2	7.2	13	<0.1	2.2	1.7	212	0.84	3.1	0.3	0.5	2.1	8	<0.1	0.2	0.2	35	0.06	0.010
1148039	Soil	0.8	17.2	11.1	47	<0.1	8.8	11.1	364	3.44	18.1	1.1	<0.5	7.8	9	<0.1	0.9	0.2	43	0.12	0.019
1148035	Soil	0.5	46.0	5.2	61	0.1	18.2	21.1	833	5.40	6.6	0.5	<0.5	2.9	16	<0.1	0.3	0.3	140	0.23	0.017
1148036	Soil	0.7	36.0	6.3	48	<0.1	5.5	9.0	542	3.73	5.3	0.3	3.2	1.3	6	0.2	0.3	0.2	137	0.09	0.036
1148038	Soil	0.8	37.5	7.9	69	<0.1	8.8	17.5	1909	5.65	9.9	0.9	0.7	5.2	12	0.3	0.3	0.1	82	0.21	0.062
1148028	Soil	0.2	16.0	4.1	49	<0.1	5.4	6.2	253	2.63	5.2	0.5	<0.5	2.8	4	<0.1	0.9	<0.1	32	0.03	0.020
1148033	Soil	0.4	45.2	3.8	61	<0.1	11.3	23.8	851	6.75	4.0	0.3	0.5	1.8	6	<0.1	0.3	<0.1	168	0.09	0.026
1095199	Soil	1.3	16.1	11.9	44	<0.1	9.8	5.8	284	2.37	8.0	0.5	3.0	0.6	9	<0.1	0.5	0.2	56	0.09	0.033
1095200	Soil	0.6	27.9	18.7	76	<0.1	14.5	11.2	641	3.94	22.9	0.5	<0.5	1.9	16	0.2	0.3	0.3	101	0.30	0.040
1094006	Soil	0.2	52.6	7.5	67	<0.1	12.9	20.7	1151	5.43	2.6	0.6	0.6	6.7	22	<0.1	0.2	0.1	121	0.46	0.061
1148029	Soil	0.8	9.7	5.5	46	<0.1	5.9	3.9	192	2.15	6.2	0.4	1.5	2.1	7	<0.1	0.6	0.2	53	0.07	0.021
1094008	Soil	1.1	17.8	9.1	43	<0.1	5.8	9.7	413	4.41	4.8	0.8	<0.5	3.4	8	0.2	0.4	<0.1	48	0.10	0.027
1148043	Soil	0.7	37.7	8.3	67	<0.1	17.9	16.6	538	4.66	6.6	0.5	1.4	3.4	10	0.2	0.5	0.1	96	0.12	0.023
1094002	Soil	0.6	16.7	8.7	47	<0.1	14.3	8.7	257	3.32	6.7	0.5	3.5	3.6	10	0.1	0.4	0.2	69	0.10	0.021
1148048	Soil	0.9	19.9	9.0	54	<0.1	17.0	10.8	396	3.69	8.0	0.6	2.8	4.2	13	<0.1	0.4	0.2	72	0.16	0.028
1148049	Soil	0.8	25.7	7.2	68	<0.1	11.3	12.1	415	4.86	5.5	0.6	1.8	4.1	7	0.2	0.4	0.1	109	0.06	0.027
1095198	Soil	1.2	11.9	12.1	33	<0.1	6.9	3.8	183	1.87	6.1	0.5	1.0	0.4	10	<0.1	0.4	0.2	55	0.08	0.030
1148050	Soil	0.6	10.7	8.2	32	<0.1	6.1	3.4	151	2.08	5.7	0.4	0.7	1.6	7	0.1	0.4	0.2	71	0.07	0.027
1148045	Soil	0.6	15.2	6.3	44	<0.1	8.4	7.7	411	3.39	3.9	0.5	0.8	3.1	7	0.1	0.3	0.1	62	0.09	0.035
1148047	Soil	0.7	23.1	7.6	58	<0.1	19.3	11.1	365	3.29	7.6	0.6	0.5	3.3	19	<0.1	0.5	0.1	70	0.25	0.037
1094001	Soil	0.9	17.0	7.7	66	<0.1	12.0	7.7	306	3.61	6.6	0.5	2.3	3.5	10	0.2	0.4	0.2	77	0.09	0.021
1094004	Soil	1.1	17.6	39.1	103	<0.1	12.5	8.0	815	3.96	9.9	0.6	2.7	3.5	11	0.4	0.6	0.2	81	0.10	0.019

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600 - 666 Burrard St.
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Project: CHA
Report Date: July 31, 2011

CERTIFICATE OF ANALYSIS WHI11000603.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1148041	Soil	19	35	0.77	638	0.034	2	2.09	0.007	0.15	0.1	0.05	17.7	0.1	0.14	5	<0.5	<0.2
1148031	Soil	6	10	0.15	84	0.034	1	1.00	0.010	0.07	<0.1	0.02	0.9	<0.1	0.10	5	<0.5	<0.2
1094003	Soil	11	20	0.32	200	0.033	<1	1.70	0.011	0.08	0.1	0.03	3.0	<0.1	0.07	5	<0.5	<0.2
1148044	Soil	9	14	0.62	589	0.014	<1	1.95	0.005	0.16	<0.1	<0.01	17.2	0.1	<0.05	6	<0.5	<0.2
1148046	Soil	14	31	0.42	175	0.077	<1	2.13	0.013	0.12	0.2	0.02	5.5	0.1	<0.05	7	<0.5	<0.2
1148040	Soil	9	37	1.37	408	0.082	<1	2.33	0.011	0.16	<0.1	0.02	9.4	0.2	0.07	7	<0.5	<0.2
1148030	Soil	7	13	0.35	156	0.019	<1	1.74	0.006	0.22	0.1	0.01	3.0	<0.1	<0.05	4	<0.5	<0.2
1148042	Soil	12	32	0.58	253	0.046	2	2.08	0.008	0.12	<0.1	0.03	7.6	0.2	<0.05	6	<0.5	<0.2
1148037	Soil	11	7	0.04	66	0.050	<1	0.68	0.008	0.03	<0.1	<0.01	0.8	<0.1	<0.05	5	<0.5	<0.2
1148039	Soil	23	14	0.35	142	0.009	<1	1.70	0.004	0.11	<0.1	0.01	3.8	0.1	<0.05	4	<0.5	<0.2
1148035	Soil	9	31	1.42	480	0.073	<1	2.82	0.009	0.15	<0.1	0.02	13.7	0.2	<0.05	8	<0.5	<0.2
1148036	Soil	7	15	0.40	178	0.122	<1	1.30	0.009	0.13	0.1	0.02	7.4	<0.1	<0.05	9	<0.5	<0.2
1148038	Soil	16	20	0.41	316	0.005	<1	2.43	0.007	0.14	<0.1	0.06	12.3	0.2	<0.05	6	<0.5	<0.2
1148028	Soil	10	11	0.44	151	0.037	<1	1.68	0.004	0.36	<0.1	0.02	3.8	0.1	<0.05	5	<0.5	<0.2
1148033	Soil	5	23	1.39	164	0.023	<1	3.15	0.008	0.13	<0.1	0.02	18.2	<0.1	<0.05	9	<0.5	<0.2
1095199	Soil	10	19	0.29	83	0.031	<1	1.40	0.006	0.07	<0.1	0.02	1.6	<0.1	0.05	6	<0.5	<0.2
1095200	Soil	10	28	1.12	599	0.097	<1	2.36	0.009	0.22	<0.1	0.02	7.3	0.2	<0.05	8	<0.5	<0.2
1094006	Soil	17	45	1.87	987	0.075	<1	3.25	0.007	0.81	<0.1	<0.01	13.6	0.6	<0.05	9	<0.5	<0.2
1148029	Soil	11	11	0.29	80	0.075	<1	1.21	0.006	0.14	<0.1	<0.01	2.1	0.1	<0.05	6	<0.5	<0.2
1094008	Soil	11	11	1.04	298	0.008	<1	2.54	0.004	0.09	<0.1	<0.01	4.7	0.1	<0.05	6	<0.5	<0.2
1148043	Soil	9	27	0.78	210	0.052	1	2.70	0.008	0.16	0.1	0.04	7.0	0.2	<0.05	7	<0.5	<0.2
1094002	Soil	11	26	0.48	126	0.080	1	1.96	0.009	0.11	0.1	0.03	4.1	0.2	<0.05	6	<0.5	<0.2
1148048	Soil	12	26	0.52	209	0.077	2	1.92	0.008	0.14	0.1	0.01	5.1	0.1	<0.05	6	<0.5	<0.2
1148049	Soil	13	25	0.84	133	0.105	<1	2.46	0.006	0.27	0.1	0.02	7.9	0.4	<0.05	8	<0.5	<0.2
1095198	Soil	10	18	0.22	82	0.039	<1	1.34	0.007	0.06	<0.1	0.03	1.4	0.1	<0.05	6	<0.5	<0.2
1148050	Soil	11	15	0.23	64	0.080	<1	1.10	0.006	0.07	<0.1	0.02	2.4	0.2	<0.05	7	<0.5	<0.2
1148045	Soil	11	18	0.63	95	0.085	<1	1.87	0.008	0.29	<0.1	0.01	4.7	0.3	<0.05	6	<0.5	<0.2
1148047	Soil	12	30	0.66	256	0.085	2	1.72	0.011	0.13	0.1	0.02	5.4	0.1	<0.05	5	<0.5	<0.2
1094001	Soil	13	20	0.56	241	0.112	2	1.95	0.009	0.26	<0.1	0.02	5.0	0.2	<0.05	8	<0.5	<0.2
1094004	Soil	12	25	0.45	159	0.067	<1	1.91	0.007	0.12	<0.1	0.05	4.5	0.2	<0.05	8	<0.5	<0.2

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Project: CHA
Report Date: July 31, 2011

CERTIFICATE OF ANALYSIS WHI11000603.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1095144	Soil	0.7	31.4	6.0	64	<0.1	15.5	16.4	510	4.30	9.0	0.5	3.5	3.0	13	<0.1	0.3	0.1	109	0.22	0.042
1095143	Soil	0.3	55.3	4.1	58	<0.1	10.0	18.4	310	4.52	4.6	0.3	0.6	1.1	46	0.2	0.3	<0.1	155	0.46	0.036
1095150	Soil	0.4	11.7	3.2	16	<0.1	2.6	2.4	108	1.38	3.2	0.2	<0.5	<0.1	6	<0.1	0.2	0.1	46	0.05	0.037
1095146	Soil	1.0	65.4	5.4	77	0.3	13.2	17.2	1481	5.88	8.4	0.6	3.6	2.1	14	<0.1	0.3	<0.1	139	0.60	0.099
1035696	Soil	0.4	51.4	619.0	867	3.0	12.1	6.0	194	1.97	193.2	1.1	9.3	3.6	34	2.9	2.9	1.3	50	0.33	0.064
1095145	Soil	0.8	32.3	9.3	55	<0.1	19.8	12.4	439	3.36	12.3	0.6	2.1	2.9	18	0.1	0.4	0.2	103	0.32	0.034
1148032	Soil	0.4	75.4	2.0	62	<0.1	7.5	22.8	1233	4.74	0.9	0.3	<0.5	1.0	9	0.1	0.1	<0.1	107	0.40	0.079
1095141	Soil	0.5	83.7	29.6	69	<0.1	21.0	22.2	463	3.54	12.2	0.6	4.3	3.6	112	0.3	0.7	0.6	105	0.60	0.024
1095140	Soil	0.3	47.7	23.8	83	<0.1	20.8	23.3	731	4.63	4.9	0.3	2.3	1.0	23	0.3	0.4	<0.1	113	0.45	0.059
1095139	Soil	0.7	97.5	7.7	41	<0.1	6.9	14.8	462	3.40	2.8	0.5	0.9	2.3	14	0.2	0.1	0.2	133	0.39	0.128
1094007	Soil	0.6	9.7	6.7	20	<0.1	3.8	3.2	98	1.64	3.1	0.4	1.5	0.8	9	<0.1	0.2	0.1	56	0.08	0.034
1094005	Soil	0.6	39.6	8.4	56	<0.1	13.7	15.8	773	4.09	4.1	0.4	1.0	1.5	13	0.2	0.3	<0.1	128	0.18	0.028
1148034	Soil	0.9	8.5	7.5	31	<0.1	7.9	4.9	214	2.22	4.0	0.4	1.0	2.8	9	<0.1	0.3	0.2	66	0.09	0.022
1094009	Soil	1.1	19.2	9.8	31	0.1	5.2	2.9	96	1.28	6.1	0.5	0.6	0.1	7	<0.1	1.0	0.1	33	0.05	0.024
1095142	Soil	0.8	41.8	9.9	58	0.1	21.4	13.2	362	3.59	10.2	0.5	2.0	3.3	16	0.3	0.6	0.3	105	0.21	0.027
1095270	Soil	1.0	26.0	14.5	104	0.4	16.1	10.4	605	3.18	8.7	1.1	1.3	2.7	25	0.3	0.5	0.2	63	0.48	0.058
1095262	Soil	0.4	55.7	3.8	68	<0.1	16.5	23.2	839	5.37	3.4	0.3	2.7	1.3	33	0.1	0.6	<0.1	169	0.57	0.095
1095263	Soil	0.4	45.5	3.4	62	<0.1	15.0	22.8	620	5.47	3.4	0.2	<0.5	1.0	21	0.1	0.5	<0.1	178	0.43	0.090
1095264	Soil	0.9	17.1	6.9	48	<0.1	13.6	9.6	303	3.55	6.7	0.3	0.5	1.8	20	<0.1	0.4	0.2	115	0.17	0.027
1095257	Soil	0.7	40.8	6.9	55	<0.1	21.2	14.4	427	2.97	6.3	0.7	3.2	2.5	61	<0.1	0.5	0.1	90	0.47	0.054
1035691	Soil	0.6	20.2	53.3	89	0.4	14.2	9.5	512	2.06	17.0	0.8	4.8	2.5	25	0.5	0.5	0.8	46	0.23	0.049
1035694	Soil	0.2	2.7	2.6	13	<0.1	1.1	1.5	43	0.53	<0.5	0.1	1.3	<0.1	8	<0.1	<0.1	<0.1	17	0.07	0.016
1035692	Soil	0.8	34.8	36.8	88	1.3	13.6	6.0	285	2.08	76.2	1.1	2.9	1.1	29	0.7	0.4	1.3	49	0.23	0.074
1095271	Soil	1.1	16.9	6.2	43	<0.1	6.2	10.1	312	3.95	3.5	0.4	1.2	1.2	9	0.1	0.3	0.1	156	0.12	0.026
1095267	Soil	0.5	15.7	6.9	63	<0.1	11.2	9.7	616	3.22	3.2	0.5	2.4	3.1	15	<0.1	0.3	<0.1	53	0.32	0.062
1035693	Soil	0.7	6.3	6.3	24	0.2	3.1	2.4	84	1.13	2.5	0.3	0.7	0.4	11	<0.1	0.2	0.1	31	0.08	0.028
1035695	Soil	1.0	42.6	302.5	309	2.4	8.7	5.2	173	1.59	176.5	0.8	8.4	0.3	41	1.6	1.6	2.0	33	0.27	0.105
1095272	Soil	0.8	17.4	5.7	87	<0.1	11.4	12.0	760	3.15	0.7	0.6	<0.5	4.0	11	0.2	0.2	0.2	50	0.22	0.071
1035697	Soil	0.4	11.1	45.0	82	0.2	12.0	6.1	254	1.66	19.6	0.5	2.7	2.4	27	0.6	0.5	0.3	40	0.30	0.058
1035698	Soil	0.5	15.1	15.3	59	<0.1	15.7	6.5	230	2.04	9.6	0.6	2.4	2.7	17	0.2	0.4	0.2	45	0.23	0.043

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1095144	Soil		8	25	1.19	325	0.124	1	2.48	0.011	0.28	0.1	0.03	8.6	0.2	<0.05	7	<0.5	<0.2
1095143	Soil		4	16	1.85	244	0.127	<1	3.88	0.033	0.30	<0.1	0.02	8.9	0.1	<0.05	8	<0.5	<0.2
1095150	Soil		2	6	0.17	40	0.026	<1	0.67	0.015	0.04	<0.1	0.03	1.1	<0.1	<0.05	4	<0.5	<0.2
1095146	Soil		6	32	2.53	568	0.137	<1	3.16	0.008	0.43	<0.1	0.02	18.8	0.3	<0.05	10	<0.5	<0.2
1035696	Soil		13	24	0.50	148	0.052	<1	1.90	0.010	0.08	0.2	0.06	2.8	0.1	<0.05	5	<0.5	<0.2
1095145	Soil		10	34	0.88	215	0.079	2	2.19	0.011	0.09	0.1	0.02	7.5	0.1	<0.05	7	<0.5	<0.2
1148032	Soil		4	10	1.00	618	0.031	<1	2.27	0.011	0.30	<0.1	0.01	18.4	0.1	<0.05	6	<0.5	<0.2
1095141	Soil		7	36	0.94	187	0.090	<1	3.99	0.022	0.09	<0.1	0.03	7.6	<0.1	<0.05	9	<0.5	<0.2
1095140	Soil		3	19	1.94	253	0.259	2	3.61	0.012	0.50	<0.1	0.02	2.6	0.2	<0.05	7	<0.5	<0.2
1095139	Soil		6	17	1.14	417	0.148	<1	2.26	0.014	0.91	<0.1	<0.01	6.6	0.3	<0.05	6	<0.5	<0.2
1094007	Soil		9	12	0.25	191	0.022	1	1.48	0.007	0.07	<0.1	0.02	2.8	0.2	<0.05	6	<0.5	<0.2
1094005	Soil		7	22	1.18	512	0.072	<1	2.51	0.009	0.20	<0.1	0.02	11.9	0.2	<0.05	7	<0.5	<0.2
1148034	Soil		11	18	0.32	126	0.081	<1	1.35	0.010	0.11	<0.1	0.02	2.7	<0.1	<0.05	7	<0.5	<0.2
1094009	Soil		8	9	0.12	75	0.017	<1	0.73	0.009	0.04	<0.1	0.02	0.7	<0.1	<0.05	3	<0.5	<0.2
1095142	Soil		8	30	0.83	212	0.110	2	2.44	0.010	0.21	<0.1	0.02	6.5	0.2	<0.05	6	<0.5	<0.2
1095270	Soil		15	25	0.59	202	0.039	1	1.98	0.010	0.13	<0.1	0.05	6.1	0.1	<0.05	5	<0.5	<0.2
1095262	Soil		5	17	1.52	206	0.110	<1	2.74	0.022	0.18	<0.1	0.01	12.5	0.1	<0.05	8	<0.5	<0.2
1095263	Soil		4	14	1.55	161	0.102	<1	2.97	0.019	0.14	<0.1	0.02	10.5	0.1	<0.05	8	<0.5	<0.2
1095264	Soil		7	22	0.66	95	0.105	<1	1.77	0.013	0.05	<0.1	0.01	3.8	0.1	<0.05	8	<0.5	<0.2
1095257	Soil		11	26	0.74	296	0.074	1	1.94	0.021	0.06	0.1	0.04	6.1	<0.1	<0.05	6	<0.5	<0.2
1035691	Soil		11	22	0.44	136	0.058	<1	1.65	0.012	0.07	0.2	0.05	2.5	0.1	<0.05	5	<0.5	<0.2
1035694	Soil		1	3	0.08	20	0.032	<1	0.27	0.023	0.02	<0.1	0.02	0.3	<0.1	<0.05	2	<0.5	<0.2
1035692	Soil		9	26	0.41	184	0.033	1	1.81	0.011	0.07	0.1	0.09	2.2	0.1	<0.05	5	0.5	<0.2
1095271	Soil		8	12	0.85	194	0.153	<1	2.34	0.009	0.19	<0.1	0.01	7.9	0.1	<0.05	11	<0.5	<0.2
1095267	Soil		14	15	0.63	228	0.023	<1	2.12	0.009	0.09	<0.1	0.02	5.2	<0.1	<0.05	6	<0.5	<0.2
1035693	Soil		4	8	0.10	41	0.050	<1	0.61	0.018	0.03	<0.1	0.05	0.6	<0.1	<0.05	4	<0.5	<0.2
1035695	Soil		6	16	0.29	144	0.025	2	1.47	0.014	0.08	0.1	0.13	1.6	0.1	0.09	5	<0.5	<0.2
1095272	Soil		10	13	0.80	745	0.015	<1	2.22	0.006	0.22	<0.1	0.02	7.0	0.1	<0.05	5	<0.5	<0.2
1035697	Soil		10	21	0.42	128	0.066	1	1.32	0.011	0.08	0.1	0.04	2.3	<0.1	<0.05	4	<0.5	<0.2
1035698	Soil		12	23	0.48	142	0.064	<1	1.62	0.009	0.07	0.1	0.03	2.9	<0.1	<0.05	5	<0.5	<0.2

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

Project: CHA
Report Date: July 31, 2011

CERTIFICATE OF ANALYSIS WHI11000603.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1095255	Soil	0.7	22.8	4.7	41	<0.1	7.7	11.1	396	3.49	4.7	0.2	0.9	0.9	20	<0.1	0.3	<0.1	140	0.22	0.040
1095252	Soil	0.3	43.6	5.5	67	<0.1	16.3	22.0	878	4.70	3.6	0.3	0.9	1.1	59	0.1	0.5	<0.1	158	0.64	0.103
1035700	Soil	0.8	20.0	14.4	54	0.1	15.8	14.5	665	3.26	8.1	0.5	2.4	2.1	29	0.1	0.4	0.2	103	0.44	0.042
1035699	Soil	0.6	13.4	9.3	44	<0.1	9.1	5.2	396	2.25	7.3	0.4	2.6	1.2	17	<0.1	0.4	0.2	45	0.28	0.036
1095251	Soil	0.9	32.4	9.9	66	<0.1	19.6	17.3	793	4.21	7.7	0.4	0.9	2.0	40	0.1	0.5	0.2	122	0.26	0.042
1095269	Soil	0.7	19.7	8.8	75	<0.1	13.9	15.2	522	3.98	5.6	0.5	0.8	2.1	33	0.1	0.4	0.1	124	0.66	0.048
1095266	Soil	0.5	13.2	4.6	64	<0.1	7.2	8.6	442	3.10	2.4	0.4	0.9	3.2	14	<0.1	0.3	<0.1	76	0.31	0.092
1095268	Soil	0.5	12.7	3.8	32	<0.1	5.4	7.0	290	2.08	3.0	0.3	<0.5	0.2	43	0.3	0.3	<0.1	59	1.31	0.074
1095254	Soil	0.4	16.9	4.2	30	<0.1	8.7	7.5	276	1.94	3.1	0.3	<0.5	0.5	17	0.1	0.3	<0.1	65	0.23	0.028
1095253	Soil	0.6	30.3	6.7	56	<0.1	17.9	14.7	431	3.07	6.4	0.4	1.8	2.1	28	0.1	0.4	0.1	92	0.38	0.073
1095259	Soil	0.8	16.9	19.7	69	<0.1	19.1	15.9	597	3.91	7.8	0.3	2.7	2.0	23	0.1	0.6	0.2	117	0.26	0.030
1095261	Soil	0.5	37.1	7.7	68	<0.1	18.7	17.4	514	4.32	6.4	0.5	2.2	2.2	45	<0.1	0.5	0.1	147	0.45	0.037
1095258	Soil	0.9	30.9	17.1	52	<0.1	16.0	9.4	324	2.79	7.5	0.9	2.7	2.5	23	0.2	0.5	0.2	81	0.22	0.022
1095260	Soil	0.7	28.8	10.8	68	<0.1	23.6	16.0	653	3.45	8.1	0.7	2.4	2.9	57	<0.1	0.6	0.2	100	0.54	0.043
1095265	Soil	0.9	26.5	7.9	56	0.1	14.3	13.6	579	3.68	5.9	0.8	3.1	2.3	31	<0.1	0.5	0.2	114	0.44	0.048
1095138	Soil	0.8	100.4	10.1	48	<0.1	8.2	15.6	515	3.84	3.2	0.5	<0.5	2.7	16	0.2	0.1	0.2	149	0.42	0.135
1095137	Soil	1.4	22.1	15.0	57	0.3	16.3	9.9	332	2.91	10.6	0.5	1.7	3.4	20	0.3	0.6	0.3	77	0.18	0.034
1095132	Soil	1.4	18.5	13.6	51	<0.1	22.1	11.3	399	3.01	9.7	0.7	2.7	4.4	19	0.3	0.8	0.2	66	0.16	0.043
1095125	Soil	1.2	9.5	13.0	25	<0.1	8.5	3.8	126	2.78	9.2	0.4	3.0	2.2	11	<0.1	0.5	0.2	81	0.10	0.029
1095119	Soil	0.9	24.1	28.0	65	0.2	15.2	9.7	463	3.01	32.0	0.9	3.9	2.3	69	0.2	0.7	0.3	81	0.33	0.054
1095129	Soil	0.7	15.0	10.4	46	<0.1	17.7	9.9	264	2.16	6.1	0.5	1.5	3.0	57	0.1	0.4	0.1	50	0.39	0.023
1095136	Soil	0.7	45.3	11.6	56	<0.1	16.9	14.8	474	3.83	13.9	0.6	<0.5	3.2	42	0.3	0.4	0.3	111	0.32	0.057
1095135	Soil	0.8	25.8	12.6	59	0.1	22.4	9.2	272	2.90	10.7	0.9	3.9	2.4	33	0.1	0.7	0.2	64	0.37	0.072
1095128	Soil	0.8	18.3	10.5	51	<0.1	20.5	11.5	274	3.01	9.8	0.4	1.9	2.9	27	<0.1	0.6	0.1	64	0.24	0.036
1095134	Soil	0.5	10.4	7.8	31	<0.1	8.8	3.8	100	1.60	4.1	0.3	0.7	1.3	26	<0.1	0.3	0.1	47	0.10	0.015
1095256	Soil	0.9	7.8	9.3	25	<0.1	5.9	2.6	163	1.56	5.7	0.3	0.9	0.4	13	0.1	0.3	0.2	47	0.08	0.023
1095131	Soil	0.8	7.2	11.6	21	<0.1	4.8	2.2	67	1.11	3.6	0.3	1.0	1.3	28	0.1	0.4	0.2	52	0.13	0.016
1095130	Soil	1.0	10.5	10.4	30	<0.1	10.5	5.2	142	2.07	6.7	0.3	6.2	2.1	42	0.1	0.4	0.2	59	0.21	0.021
1095127	Soil	0.5	18.7	9.7	39	<0.1	11.1	9.3	204	3.16	5.9	0.4	1.8	1.9	43	<0.1	0.3	<0.1	76	0.41	0.047
1095133	Soil	1.1	15.2	11.8	47	<0.1	15.0	6.0	164	3.38	11.1	0.4	2.8	2.3	12	0.3	0.6	0.2	68	0.11	0.037

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Project: CHA
Report Date: July 31, 2011

CERTIFICATE OF ANALYSIS WHI11000603.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1095255	Soil	3	13	0.64	86	0.119	1	1.53	0.025	0.12	<0.1	0.02	4.6	0.1	<0.05	7	<0.5	<0.2
1095252	Soil	5	16	1.43	318	0.151	<1	2.30	0.024	0.28	<0.1	0.02	10.0	0.2	<0.05	7	<0.5	<0.2
1035700	Soil	8	27	0.84	208	0.089	2	2.12	0.015	0.09	<0.1	0.03	5.8	0.1	<0.05	7	<0.5	<0.2
1035699	Soil	10	16	0.51	86	0.025	<1	1.72	0.005	0.08	<0.1	0.02	2.4	<0.1	<0.05	6	<0.5	<0.2
1095251	Soil	7	24	1.03	190	0.088	1	2.50	0.016	0.15	<0.1	0.02	6.2	0.1	<0.05	8	<0.5	<0.2
1095269	Soil	7	21	0.88	314	0.034	<1	2.69	0.015	0.06	<0.1	0.02	7.6	<0.1	<0.05	8	<0.5	<0.2
1095266	Soil	13	11	0.97	248	0.023	<1	2.05	0.009	0.12	<0.1	<0.01	5.1	<0.1	<0.05	7	<0.5	<0.2
1095268	Soil	4	9	0.34	132	0.013	2	1.17	0.014	0.05	<0.1	0.05	3.2	<0.1	0.11	4	<0.5	<0.2
1095254	Soil	4	12	0.39	109	0.054	<1	1.13	0.019	0.06	<0.1	0.03	3.1	<0.1	<0.05	4	<0.5	<0.2
1095253	Soil	7	22	0.81	182	0.121	<1	1.76	0.018	0.14	0.1	0.02	4.3	0.1	<0.05	6	<0.5	<0.2
1095259	Soil	7	27	0.74	247	0.050	2	2.12	0.011	0.08	0.1	0.01	5.2	<0.1	<0.05	7	<0.5	<0.2
1095261	Soil	8	27	1.00	386	0.060	1	2.58	0.023	0.05	0.1	0.02	8.5	<0.1	<0.05	8	<0.5	<0.2
1095258	Soil	15	27	0.50	344	0.035	2	1.90	0.013	0.07	0.1	0.02	5.9	<0.1	<0.05	6	<0.5	<0.2
1095260	Soil	10	31	0.88	417	0.052	1	2.44	0.018	0.06	<0.1	0.02	6.8	<0.1	<0.05	7	<0.5	<0.2
1095265	Soil	11	25	0.80	250	0.058	1	2.38	0.016	0.05	0.1	0.04	8.5	0.1	<0.05	8	<0.5	<0.2
1095138	Soil	6	21	1.23	435	0.176	1	2.37	0.017	1.02	<0.1	<0.01	7.3	0.4	<0.05	7	<0.5	<0.2
1095137	Soil	11	31	0.42	164	0.069	1	2.13	0.010	0.07	0.2	0.02	3.2	0.1	<0.05	7	<0.5	<0.2
1095132	Soil	10	34	0.45	189	0.065	2	2.88	0.015	0.05	0.1	0.04	3.4	0.1	<0.05	6	<0.5	<0.2
1095125	Soil	8	23	0.23	106	0.053	1	1.81	0.007	0.04	0.2	0.03	2.1	<0.1	<0.05	8	<0.5	<0.2
1095119	Soil	8	25	0.94	358	0.109	2	2.14	0.018	0.21	0.2	0.05	5.4	0.1	<0.05	7	<0.5	<0.2
1095129	Soil	10	26	0.46	166	0.071	1	2.09	0.016	0.07	0.2	0.01	3.3	<0.1	<0.05	6	<0.5	<0.2
1095136	Soil	8	33	1.00	339	0.173	<1	3.06	0.014	0.48	<0.1	<0.01	9.1	0.3	<0.05	8	0.5	<0.2
1095135	Soil	15	33	0.58	285	0.061	1	2.02	0.015	0.07	0.2	0.04	4.2	0.1	<0.05	5	<0.5	<0.2
1095128	Soil	8	28	0.57	145	0.078	1	2.84	0.012	0.08	0.2	0.03	3.6	0.1	<0.05	6	0.7	<0.2
1095134	Soil	6	14	0.20	76	0.060	1	1.23	0.017	0.04	<0.1	0.02	1.6	<0.1	<0.05	6	<0.5	<0.2
1095256	Soil	7	13	0.18	82	0.021	<1	1.23	0.008	0.05	<0.1	<0.01	0.9	0.1	<0.05	6	<0.5	<0.2
1095131	Soil	8	12	0.11	86	0.053	1	1.11	0.008	0.04	<0.1	0.03	1.4	<0.1	<0.05	8	<0.5	<0.2
1095130	Soil	8	19	0.25	119	0.051	<1	2.08	0.010	0.04	0.2	0.03	2.4	<0.1	<0.05	8	<0.5	<0.2
1095127	Soil	6	21	0.88	143	0.089	<1	3.17	0.012	0.17	<0.1	0.02	4.7	0.2	<0.05	10	<0.5	<0.2
1095133	Soil	8	28	0.33	81	0.064	<1	2.47	0.009	0.04	0.2	0.03	2.5	<0.1	<0.05	7	0.6	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1199063	Soil	0.6	16.9	5.6	64	<0.1	8.6	8.0	509	2.93	3.5	0.6	2.1	2.8	14	<0.1	0.4	<0.1	47	0.26	0.060
1199062	Soil	0.5	18.0	4.4	63	<0.1	6.7	8.0	554	3.05	2.7	0.5	1.7	2.5	14	<0.1	0.4	<0.1	46	0.25	0.061
1199064	Soil	0.6	13.4	7.8	67	0.1	10.5	8.6	514	2.84	4.5	0.7	2.0	2.9	17	0.1	0.5	0.1	47	0.25	0.060
1199071	Soil	0.5	11.3	7.7	54	<0.1	13.1	6.5	260	2.00	6.1	0.6	0.9	2.0	21	0.2	0.4	0.1	45	0.30	0.055
1199065	Soil	0.6	16.9	7.3	67	0.1	11.3	9.3	596	2.72	4.8	0.7	2.2	2.6	19	0.1	0.5	0.1	51	0.27	0.067
1095116	Soil	1.0	13.4	13.7	46	<0.1	17.6	8.1	259	2.77	12.6	0.6	5.8	3.3	17	0.2	0.6	0.2	64	0.14	0.029
1095122	Soil	1.0	45.4	28.4	78	<0.1	21.5	13.7	478	3.88	11.4	0.7	4.1	3.4	25	0.2	0.5	0.2	97	0.19	0.039
1095121	Soil	0.7	27.0	18.4	60	0.2	19.1	10.0	256	2.54	10.3	1.1	2.5	3.7	30	0.2	0.6	0.2	63	0.28	0.060
1095123	Soil	1.0	38.4	9.4	55	<0.1	21.0	12.7	274	3.80	7.3	0.6	2.2	3.2	38	<0.1	0.5	0.2	97	0.24	0.045
1095113	Soil	1.4	15.0	12.1	48	<0.1	16.6	8.1	264	2.67	8.6	0.6	5.5	1.2	19	0.3	0.6	0.2	66	0.13	0.046
1095126	Soil	0.9	8.6	9.4	35	<0.1	5.5	4.7	163	2.56	5.5	0.2	5.9	0.9	14	<0.1	0.4	0.1	71	0.10	0.020
1095124	Soil	0.6	47.2	3.9	46	<0.1	11.1	14.6	509	5.34	3.6	0.3	0.7	2.0	34	0.1	0.2	<0.1	164	0.32	0.033
1095114	Soil	1.0	24.9	8.2	40	<0.1	12.5	8.4	398	2.49	7.7	1.0	4.0	2.7	104	0.1	0.6	0.1	58	0.58	0.053
1095120	Soil	0.9	15.5	12.2	45	<0.1	18.1	9.8	276	2.56	11.2	0.4	3.5	2.2	18	0.2	0.5	0.2	57	0.17	0.038
1095115	Soil	0.9	15.6	10.2	53	<0.1	14.4	7.2	199	2.13	7.1	0.6	8.4	1.8	30	0.2	0.5	0.2	57	0.22	0.046
1199070	Soil	0.8	12.1	9.3	66	0.1	13.8	8.9	337	2.47	7.1	0.6	5.9	2.0	22	0.2	0.5	0.2	52	0.27	0.058
1199068	Soil	0.8	14.3	10.5	65	0.1	14.3	6.8	189	2.47	6.3	0.7	2.4	2.0	18	0.2	0.6	0.2	53	0.21	0.052
1199067	Soil	0.8	17.6	7.4	65	<0.1	13.3	9.4	469	2.78	5.1	0.7	10.6	2.7	20	0.2	0.5	0.1	50	0.26	0.062
1199069	Soil	0.7	15.0	10.0	63	<0.1	14.2	7.6	251	2.77	7.9	0.7	1.4	2.4	19	0.2	0.6	0.2	56	0.23	0.054
1199246	Soil	0.5	15.5	6.7	43	<0.1	9.4	9.1	535	2.77	4.3	0.4	1.2	1.7	10	0.1	0.3	0.1	55	0.13	0.049
1199058	Soil	0.7	17.5	6.5	65	<0.1	12.8	8.9	437	3.65	3.6	0.5	0.9	3.1	10	<0.1	0.5	<0.1	42	0.10	0.030
1199059	Soil	0.7	15.5	8.5	57	<0.1	11.1	7.3	442	2.73	5.1	0.6	1.5	2.7	15	<0.1	0.4	0.1	43	0.19	0.042
1199057	Soil	0.9	17.4	6.0	64	<0.1	10.7	9.4	591	3.42	5.6	0.6	1.5	3.1	12	<0.1	0.4	<0.1	47	0.14	0.047
1199060	Soil	0.8	9.4	9.9	51	<0.1	9.7	6.4	362	3.47	7.7	0.4	4.7	2.4	9	0.1	0.4	0.2	61	0.08	0.024
1199066	Soil	0.6	15.9	8.8	68	<0.1	12.4	9.4	421	2.94	6.2	0.6	1.1	2.9	20	0.1	0.5	0.1	55	0.28	0.063
1199072	Soil	0.9	12.5	7.6	51	<0.1	12.5	6.9	304	2.31	7.2	0.6	1.9	2.5	21	0.1	0.5	0.1	48	0.28	0.063
1199073	Soil	0.8	12.3	8.2	59	<0.1	14.0	7.6	306	2.14	7.4	0.5	1.1	2.4	24	0.2	0.7	0.1	51	0.31	0.055
1199056	Soil	0.9	10.5	7.9	42	<0.1	11.1	5.6	333	2.80	5.4	0.4	2.5	1.3	9	<0.1	0.4	0.2	51	0.10	0.033
1199061	Soil	0.7	11.6	5.9	66	<0.1	9.6	8.1	538	3.24	4.9	0.4	1.0	2.2	12	<0.1	0.4	<0.1	40	0.19	0.058
1199055	Soil	0.6	46.8	4.4	98	<0.1	9.2	17.1	1116	5.88	4.0	0.7	0.6	2.8	19	<0.1	0.5	<0.1	101	0.31	0.092

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

Project: CHA
Report Date: July 31, 2011

CERTIFICATE OF ANALYSIS WHI11000603.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1199063	Soil	10	15	0.62	254	0.108	<1	1.67	0.009	0.37	0.1	0.03	5.9	0.1	<0.05	5	<0.5	<0.2
1199062	Soil	11	11	0.61	350	0.102	<1	1.58	0.009	0.40	<0.1	0.01	6.9	0.1	<0.05	5	<0.5	<0.2
1199064	Soil	11	19	0.57	272	0.082	<1	1.90	0.010	0.22	0.1	0.05	5.3	0.2	<0.05	6	<0.5	<0.2
1199071	Soil	11	21	0.42	183	0.051	<1	1.28	0.015	0.06	0.2	0.04	2.9	<0.1	<0.05	4	<0.5	<0.2
1199065	Soil	10	19	0.53	309	0.087	<1	1.70	0.012	0.20	0.1	0.05	5.6	0.1	<0.05	6	<0.5	<0.2
1095116	Soil	11	28	0.42	178	0.071	2	2.14	0.012	0.06	0.1	0.05	2.8	0.1	<0.05	6	<0.5	<0.2
1095122	Soil	9	40	0.88	175	0.144	2	2.88	0.013	0.27	0.1	0.03	6.3	0.3	<0.05	8	<0.5	<0.2
1095121	Soil	12	29	0.63	214	0.084	2	1.97	0.014	0.12	0.2	0.05	5.2	0.2	<0.05	6	0.6	<0.2
1095123	Soil	9	34	0.93	243	0.181	<1	2.67	0.016	0.37	0.1	0.01	7.0	0.3	<0.05	8	<0.5	<0.2
1095113	Soil	11	26	0.34	176	0.057	2	1.70	0.009	0.05	0.2	0.08	2.2	<0.1	<0.05	6	0.7	<0.2
1095126	Soil	4	12	0.33	64	0.112	<1	1.12	0.021	0.06	<0.1	0.01	2.2	<0.1	<0.05	7	<0.5	<0.2
1095124	Soil	4	23	2.05	312	0.362	<1	3.79	0.013	1.11	0.1	0.02	15.6	0.5	<0.05	12	<0.5	<0.2
1095114	Soil	9	19	0.62	455	0.042	<1	2.78	0.015	0.19	0.1	0.02	5.0	0.2	<0.05	7	<0.5	<0.2
1095120	Soil	9	25	0.40	126	0.063	1	2.09	0.013	0.05	0.2	0.06	2.7	<0.1	<0.05	5	<0.5	<0.2
1095115	Soil	10	22	0.36	146	0.063	1	1.28	0.014	0.08	0.3	0.04	2.5	<0.1	<0.05	5	<0.5	<0.2
1199070	Soil	12	23	0.52	198	0.048	1	1.44	0.015	0.07	0.2	0.05	2.9	0.1	<0.05	4	<0.5	<0.2
1199068	Soil	11	25	0.56	174	0.047	<1	1.65	0.013	0.07	0.2	0.06	3.4	0.1	<0.05	5	<0.5	<0.2
1199067	Soil	11	20	0.65	259	0.086	1	1.72	0.013	0.14	0.2	0.04	4.7	0.1	<0.05	5	<0.5	<0.2
1199069	Soil	12	24	0.51	216	0.050	2	1.53	0.014	0.07	0.2	0.04	3.3	<0.1	<0.05	5	<0.5	<0.2
1199246	Soil	12	16	0.48	164	0.040	1	1.60	0.009	0.09	<0.1	0.03	4.5	<0.1	<0.05	6	<0.5	<0.2
1199058	Soil	10	24	0.63	204	0.035	<1	2.22	0.008	0.33	<0.1	0.02	5.3	0.2	<0.05	5	<0.5	<0.2
1199059	Soil	12	20	0.62	233	0.075	<1	1.57	0.009	0.20	<0.1	0.02	4.4	0.1	<0.05	5	<0.5	<0.2
1199057	Soil	11	15	0.56	185	0.049	1	1.57	0.007	0.27	<0.1	0.01	4.4	0.1	<0.05	5	<0.5	<0.2
1199060	Soil	9	21	0.46	96	0.070	<1	1.78	0.007	0.14	0.2	0.02	3.3	0.1	<0.05	7	<0.5	<0.2
1199066	Soil	10	20	0.67	238	0.098	<1	1.68	0.014	0.18	0.1	0.04	4.6	0.1	<0.05	5	<0.5	<0.2
1199072	Soil	11	20	0.43	157	0.050	<1	1.17	0.014	0.05	0.3	0.04	2.5	<0.1	<0.05	3	<0.5	<0.2
1199073	Soil	10	21	0.49	184	0.056	1	1.25	0.016	0.07	0.2	0.03	2.5	<0.1	<0.05	4	<0.5	<0.2
1199056	Soil	9	23	0.34	124	0.048	<1	1.36	0.009	0.13	<0.1	0.02	2.9	0.1	<0.05	6	<0.5	<0.2
1199061	Soil	8	14	0.66	247	0.071	<1	1.71	0.008	0.33	0.1	0.02	4.6	0.1	<0.05	5	<0.5	<0.2
1199055	Soil	12	10	1.05	574	0.156	<1	2.11	0.012	0.78	<0.1	0.04	15.1	0.2	<0.05	6	<0.5	<0.2

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Project: CHA
Report Date: July 31, 2011

CERTIFICATE OF ANALYSIS WHI11000603.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1199054	Soil	0.9	15.2	9.4	57	<0.1	12.9	9.4	538	3.61	9.0	0.5	1.0	2.7	16	0.1	0.6	0.2	60	0.17	0.038
1199247	Soil	0.8	53.9	6.6	72	0.2	19.2	15.8	580	3.43	6.0	0.8	3.1	2.9	24	0.2	0.4	0.1	85	0.42	0.087
1199051	Soil	0.6	20.8	6.6	61	<0.1	12.4	9.8	429	2.95	4.2	0.6	1.5	3.6	14	<0.1	0.3	0.1	52	0.19	0.044
1199248	Soil	0.7	31.8	7.5	55	<0.1	19.0	12.3	450	2.94	6.6	0.8	1.8	3.4	22	<0.1	0.4	0.2	68	0.34	0.043
1199243	Soil	1.6	28.7	5.9	93	<0.1	14.5	19.4	1018	5.43	2.3	1.2	<0.5	10.1	13	0.2	0.4	<0.1	127	0.22	0.076
1199250	Soil	0.6	17.5	6.3	50	<0.1	9.8	6.9	318	2.45	4.8	0.5	0.7	1.8	12	0.1	0.4	0.1	50	0.14	0.036
1199249	Soil	0.9	30.3	7.5	55	<0.1	14.6	12.3	468	3.09	5.9	0.6	3.2	2.8	14	0.1	0.4	0.1	65	0.20	0.043
1199052	Soil	0.6	17.6	7.6	56	<0.1	12.8	8.1	316	2.73	4.6	0.6	1.2	1.7	17	<0.1	0.4	0.1	51	0.21	0.048
1199245	Soil	0.4	36.3	10.5	74	0.1	16.5	24.6	1275	5.17	1.4	0.8	<0.5	4.9	29	0.2	0.4	<0.1	126	1.39	0.047
1199244	Soil	0.3	35.3	11.0	64	0.2	7.8	13.9	453	4.21	2.0	1.3	1.2	8.2	18	<0.1	0.9	<0.1	54	0.38	0.065
1199053	Soil	0.6	16.0	7.4	52	<0.1	12.4	7.2	340	2.56	6.1	0.7	1.4	2.6	19	<0.1	0.4	0.1	49	0.22	0.041

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Project: CHA
Report Date: July 31, 2011

CERTIFICATE OF ANALYSIS WHI11000603.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1199054	Soil	10	24	0.48	218	0.024	<1	1.68	0.007	0.10	0.1	0.02	3.0	0.1	<0.05	6	<0.5	<0.2
1199247	Soil	14	26	0.96	339	0.108	2	1.86	0.017	0.18	0.1	0.05	7.4	0.1	<0.05	6	<0.5	<0.2
1199051	Soil	13	19	0.73	226	0.070	<1	1.82	0.008	0.19	0.1	0.01	4.0	0.1	<0.05	6	<0.5	<0.2
1199248	Soil	13	27	0.77	276	0.079	2	1.82	0.014	0.08	0.1	0.03	5.7	0.1	<0.05	5	<0.5	<0.2
1199243	Soil	28	30	1.47	252	0.208	<1	2.71	0.010	1.08	<0.1	<0.01	13.8	0.5	<0.05	9	<0.5	<0.2
1199250	Soil	10	17	0.57	186	0.055	<1	1.65	0.010	0.14	<0.1	0.03	3.3	0.1	<0.05	5	<0.5	<0.2
1199249	Soil	10	22	0.71	224	0.047	1	2.07	0.011	0.14	<0.1	0.01	5.3	0.1	<0.05	5	<0.5	<0.2
1199052	Soil	10	23	0.59	243	0.043	1	1.65	0.009	0.14	<0.1	0.02	3.5	0.1	<0.05	5	<0.5	<0.2
1199245	Soil	12	41	1.19	1101	0.019	<1	2.40	0.005	0.36	0.2	0.02	20.5	0.1	<0.05	6	<0.5	<0.2
1199244	Soil	21	12	1.23	360	0.010	<1	2.54	0.005	0.32	<0.1	0.02	13.7	0.2	<0.05	6	<0.5	<0.2
1199053	Soil	12	23	0.53	259	0.033	1	1.55	0.008	0.09	0.1	0.02	3.6	<0.1	<0.05	4	<0.5	<0.2

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Project: CHA
Report Date: July 31, 2011

QUALITY CONTROL REPORT WHI11000603.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1148031	Soil	0.7	8.2	7.4	22	<0.1	4.6	2.6	109	1.60	4.9	0.4	2.6	0.2	8	<0.1	0.2	0.3	41	0.06	0.037
REP 1148031	QC	0.6	8.4	7.7	23	<0.1	4.7	3.0	113	1.66	5.6	0.4	<0.5	0.2	8	0.2	0.3	0.3	43	0.07	0.038
1148048	Soil	0.9	19.9	9.0	54	<0.1	17.0	10.8	396	3.69	8.0	0.6	2.8	4.2	13	<0.1	0.4	0.2	72	0.16	0.028
REP 1148048	QC	0.7	19.5	9.0	54	<0.1	16.8	10.6	374	3.63	7.6	0.6	<0.5	4.2	13	0.1	0.4	0.2	71	0.17	0.026
1095142	Soil	0.8	41.8	9.9	58	0.1	21.4	13.2	362	3.59	10.2	0.5	2.0	3.3	16	0.3	0.6	0.3	105	0.21	0.027
REP 1095142	QC	0.8	41.0	10.3	59	0.1	22.7	13.4	375	3.74	10.8	0.5	3.9	3.3	17	0.3	0.7	0.3	104	0.23	0.028
1095269	Soil	0.7	19.7	8.8	75	<0.1	13.9	15.2	522	3.98	5.6	0.5	0.8	2.1	33	0.1	0.4	0.1	124	0.66	0.048
REP 1095269	QC	0.7	19.7	8.5	74	<0.1	14.5	15.4	522	4.05	5.9	0.5	1.5	2.1	33	<0.1	0.4	0.1	126	0.66	0.046
1095132	Soil	1.4	18.5	13.6	51	<0.1	22.1	11.3	399	3.01	9.7	0.7	2.7	4.4	19	0.3	0.8	0.2	66	0.16	0.043
REP 1095132	QC	1.2	18.3	12.7	53	<0.1	22.0	11.4	395	2.98	9.6	0.6	2.9	4.2	18	0.2	0.7	0.2	64	0.16	0.042
1095127	Soil	0.5	18.7	9.7	39	<0.1	11.1	9.3	204	3.16	5.9	0.4	1.8	1.9	43	<0.1	0.3	<0.1	76	0.41	0.047
REP 1095127	QC	0.4	18.0	9.4	39	<0.1	12.2	9.3	205	3.11	6.1	0.4	0.5	1.9	42	0.1	0.4	0.1	77	0.41	0.045
1199055	Soil	0.6	46.8	4.4	98	<0.1	9.2	17.1	1116	5.88	4.0	0.7	0.6	2.8	19	<0.1	0.5	<0.1	101	0.31	0.092
REP 1199055	QC	0.4	47.7	4.4	95	<0.1	8.6	17.3	1129	5.91	4.3	0.7	2.4	2.9	19	<0.1	0.4	0.1	102	0.31	0.092
Reference Materials																					
STD DS8	Standard	14.1	110.9	127.0	312	1.9	37.6	7.6	629	2.47	26.9	3.0	108.9	7.0	69	2.3	5.9	7.0	43	0.69	0.080
STD DS8	Standard	13.4	108.9	129.9	313	1.8	38.9	7.6	638	2.51	27.2	2.9	104.3	7.2	72	2.2	6.0	6.9	43	0.71	0.081
STD DS8	Standard	12.4	106.5	121.6	307	1.7	36.3	7.0	609	2.38	27.1	2.7	106.9	6.4	64	2.5	5.2	5.9	44	0.68	0.078
STD DS8	Standard	13.9	108.4	129.2	312	1.6	38.2	7.2	615	2.45	27.2	3.0	109.5	6.5	67	2.4	5.5	6.2	43	0.71	0.079
STD DS8	Standard	13.5	116.3	128.9	328	2.0	40.5	8.0	626	2.59	27.5	2.9	129.7	7.0	72	2.5	6.3	7.1	43	0.69	0.084
STD DS8	Standard	13.4	110.4	129.9	318	1.9	38.9	7.7	624	2.50	27.4	2.9	112.5	7.1	72	2.5	6.0	7.0	45	0.69	0.082
STD DS8	Standard	12.9	101.6	113.6	283	1.7	35.7	7.3	580	2.36	24.5	2.6	120.4	6.4	62	2.1	4.9	6.1	42	0.71	0.073
STD DS8	Standard	13.3	101.3	113.5	284	1.7	35.4	6.9	573	2.34	25.3	2.7	101.6	6.4	65	2.2	4.9	6.1	41	0.69	0.077
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Client: **Ryan Gold Corp.**
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Project: CHA
Report Date: July 31, 2011

QUALITY CONTROL REPORT WHI11000603.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1148031	Soil	6	10	0.15	84	0.034	1	1.00	0.010	0.07	<0.1	0.02	0.9	<0.1	0.10	5	<0.5	<0.2
REP 1148031	QC	7	11	0.16	89	0.036	<1	1.04	0.010	0.07	<0.1	0.02	1.0	<0.1	0.08	5	<0.5	<0.2
1148048	Soil	12	26	0.52	209	0.077	2	1.92	0.008	0.14	0.1	0.01	5.1	0.1	<0.05	6	<0.5	<0.2
REP 1148048	QC	12	25	0.51	209	0.079	1	1.99	0.009	0.14	<0.1	0.02	5.0	0.1	<0.05	6	<0.5	<0.2
1095142	Soil	8	30	0.83	212	0.110	2	2.44	0.010	0.21	<0.1	0.02	6.5	0.2	<0.05	6	<0.5	<0.2
REP 1095142	QC	8	32	0.86	215	0.115	2	2.48	0.011	0.21	0.1	0.02	6.4	0.3	<0.05	6	0.5	<0.2
1095269	Soil	7	21	0.88	314	0.034	<1	2.69	0.015	0.06	<0.1	0.02	7.6	<0.1	<0.05	8	<0.5	<0.2
REP 1095269	QC	8	21	0.88	312	0.036	<1	2.66	0.015	0.06	<0.1	0.02	7.4	<0.1	<0.05	8	<0.5	<0.2
1095132	Soil	10	34	0.45	189	0.065	2	2.88	0.015	0.05	0.1	0.04	3.4	0.1	<0.05	6	<0.5	<0.2
REP 1095132	QC	10	34	0.45	190	0.062	2	2.84	0.015	0.05	0.1	0.03	3.5	0.1	<0.05	6	<0.5	<0.2
1095127	Soil	6	21	0.88	143	0.089	<1	3.17	0.012	0.17	<0.1	0.02	4.7	0.2	<0.05	10	<0.5	<0.2
REP 1095127	QC	6	21	0.86	138	0.091	<1	3.19	0.012	0.17	0.1	0.01	4.9	0.2	<0.05	10	<0.5	<0.2
1199055	Soil	12	10	1.05	574	0.156	<1	2.11	0.012	0.78	<0.1	0.04	15.1	0.2	<0.05	6	<0.5	<0.2
REP 1199055	QC	12	11	1.05	572	0.160	<1	2.15	0.011	0.80	<0.1	0.03	15.4	0.2	<0.05	6	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	15	119	0.61	288	0.122	3	0.96	0.103	0.46	3.0	0.22	2.9	5.3	0.10	5	5.5	5.2
STD DS8	Standard	15	119	0.62	297	0.121	3	0.97	0.118	0.45	3.0	0.22	3.1	5.4	0.11	5	5.6	5.5
STD DS8	Standard	14	115	0.52	280	0.118	2	0.89	0.084	0.41	2.8	0.18	2.2	5.1	0.17	4	4.3	4.4
STD DS8	Standard	16	114	0.54	287	0.123	3	0.94	0.092	0.42	3.0	0.19	2.5	5.8	0.19	5	4.9	4.7
STD DS8	Standard	14	123	0.71	290	0.118	3	0.92	0.089	0.44	3.0	0.20	2.0	5.3	0.18	4	4.9	5.2
STD DS8	Standard	15	124	0.70	282	0.122	3	0.92	0.086	0.43	3.1	0.22	2.1	5.5	0.18	5	5.0	4.6
STD DS8	Standard	16	112	0.60	271	0.116	3	0.89	0.087	0.39	2.8	0.20	2.1	5.1	0.16	4	4.8	4.5
STD DS8	Standard	16	109	0.61	267	0.113	2	0.88	0.088	0.39	3.0	0.19	2.2	5.1	0.16	5	5.4	4.9
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ryan Gold Corp.**
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Submitted By: Mike Skead
Receiving Lab: Canada-Whitehorse
Received: July 15, 2011
Report Date: August 10, 2011
Page: 1 of 6

CERTIFICATE OF ANALYSIS WHI11000612.1

CLIENT JOB INFORMATION

Project: CHA
Shipment ID:
P.O. Number
Number of Samples: 147

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	147	Dry at 60C sieve 100g to -80 mesh			VAN
Dry at 60C	147	Dry at 60C			VAN
1DX2	147	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Project: CHA
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS WHI11000612.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1035612	Soil	1.5	54.2	14.4	119	0.4	88.9	22.7	875	4.84	4.1	0.9	1.7	11.2	42	0.2	1.1	0.2	100	0.49	0.108
1035637	Soil	0.9	19.7	7.8	56	0.1	17.8	8.2	296	2.16	7.4	0.7	1.4	2.7	27	0.1	0.5	0.1	46	0.41	0.059
1035635	Soil	0.6	16.4	7.5	58	0.1	17.4	6.7	207	1.93	7.3	0.7	3.2	2.6	28	0.2	0.5	0.1	42	0.44	0.061
1035620	Soil	1.1	28.1	10.3	57	<0.1	30.3	10.3	425	2.92	9.8	1.0	9.4	4.9	16	<0.1	0.8	0.1	53	0.12	0.024
1035619	Soil	1.3	14.2	11.1	59	0.2	19.1	8.5	414	2.88	10.2	0.4	1.4	2.2	11	0.2	0.6	0.2	65	0.08	0.061
1087058	Soil	0.8	26.8	8.7	62	<0.1	19.5	9.0	385	2.81	8.8	0.8	2.4	3.5	25	0.1	0.5	0.2	56	0.29	0.055
1035610	Soil	0.8	27.5	12.0	58	<0.1	41.1	13.4	387	3.35	4.2	1.4	1.2	12.6	7	<0.1	0.3	0.2	43	0.08	0.027
1035609	Soil	0.7	27.7	26.5	89	<0.1	27.6	11.4	1148	3.36	8.6	1.5	2.2	14.9	20	<0.1	1.2	0.2	37	0.29	0.028
1035611	Soil	1.4	28.9	11.6	68	<0.1	32.1	14.0	431	3.58	17.1	1.0	2.4	9.8	14	<0.1	1.6	0.2	41	0.09	0.020
1035618	Soil	1.2	22.3	11.7	54	0.2	25.0	10.4	268	3.04	10.7	1.1	1.9	5.0	12	<0.1	0.6	0.2	59	0.11	0.030
1035616	Soil	0.9	24.9	11.5	55	<0.1	22.6	9.5	229	2.67	10.7	1.2	2.6	4.0	15	0.2	1.0	0.2	49	0.13	0.046
1035614	Soil	0.6	19.7	8.7	67	<0.1	43.6	17.1	338	3.32	5.0	0.5	0.6	5.9	17	0.1	0.2	0.1	42	0.15	0.017
1035613	Soil	1.6	39.3	11.5	85	0.4	40.7	11.2	252	3.79	7.6	0.8	2.9	5.7	15	0.4	0.6	0.2	73	0.08	0.034
1035615	Soil	1.0	48.9	14.1	93	0.1	37.9	14.9	479	3.07	24.0	1.0	1.6	2.3	12	0.3	1.9	0.2	49	0.06	0.051
1035617	Soil	1.3	39.9	12.0	71	<0.1	63.8	23.0	774	3.29	3.8	1.5	1.3	5.9	22	0.1	0.9	0.2	48	0.10	0.072
1035621	Soil	1.1	16.6	9.7	45	<0.1	20.4	8.3	290	2.43	6.1	0.6	1.1	3.1	11	0.1	0.6	0.2	47	0.06	0.030
1035626	Soil	0.9	36.1	8.6	54	0.1	58.7	16.1	565	2.93	9.5	0.6	6.7	4.1	22	0.1	0.6	0.2	53	0.51	0.041
1035627	Soil	0.8	28.9	8.3	60	<0.1	31.3	12.5	397	2.79	9.1	0.6	2.1	3.7	24	0.1	0.7	0.2	56	0.44	0.040
1035624	Soil	0.9	18.3	8.8	50	<0.1	20.3	9.9	308	2.63	8.3	0.5	2.6	3.9	17	0.1	0.6	0.1	52	0.17	0.034
1035625	Soil	0.8	24.6	8.6	49	<0.1	21.5	9.9	313	2.55	6.3	0.7	1.5	4.3	21	<0.1	0.5	0.1	51	0.28	0.030
1035629	Soil	0.6	27.2	11.5	51	0.2	19.5	9.4	621	2.18	15.2	1.1	1.6	1.1	43	0.3	1.0	0.1	44	1.66	0.052
1035630	Soil	0.6	26.9	16.9	73	0.3	22.9	10.5	618	2.68	18.0	0.5	2.1	2.6	32	0.4	1.0	0.1	55	0.99	0.041
1035622	Soil	1.1	18.5	9.7	51	0.1	19.1	10.0	373	2.83	9.9	0.6	1.7	3.7	19	0.1	0.5	0.2	61	0.19	0.040
1035628	Soil	0.7	46.0	9.0	75	0.2	63.1	16.4	485	3.14	7.1	0.6	6.7	3.9	26	0.2	1.0	0.1	60	0.69	0.083
1035623	Soil	0.8	18.0	9.2	49	<0.1	18.8	7.9	224	2.61	8.5	0.6	2.8	3.8	19	<0.1	0.4	0.1	57	0.19	0.015
1035634	Soil	0.5	35.1	41.4	97	0.4	20.4	14.9	1000	3.04	24.8	0.6	5.8	1.4	34	0.9	1.2	0.1	56	1.32	0.052
1035629	Soil	0.6	29.9	14.3	68	0.3	24.1	11.1	464	2.55	19.7	0.4	3.8	2.8	29	0.3	1.2	0.1	55	1.01	0.040
1035632	Soil	0.5	27.2	13.1	64	0.2	20.3	9.6	502	2.63	30.2	0.7	4.3	1.8	30	0.3	1.3	0.1	50	0.96	0.048
1035633	Soil	0.4	34.4	64.2	117	0.5	24.6	16.9	700	3.28	34.1	0.5	4.6	1.5	44	1.0	1.5	0.1	69	1.76	0.054
1035636	Soil	0.7	19.9	8.7	54	0.1	18.2	7.4	264	2.11	7.0	0.7	2.3	2.9	29	0.1	0.6	0.1	45	0.43	0.058

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Project: CHA
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS WHI11000612.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1035612	Soil		38	131	2.02	926	0.126	1	2.80	0.012	0.46	0.2	0.01	9.7	0.4	0.09	10	0.8	<0.2
1035637	Soil		10	22	0.46	237	0.049	2	1.17	0.016	0.05	0.2	0.03	2.7	<0.1	0.07	4	0.6	<0.2
1035635	Soil		10	21	0.44	220	0.051	2	1.05	0.017	0.05	0.2	0.03	2.5	<0.1	0.06	3	<0.5	<0.2
1035620	Soil		13	36	0.42	265	0.040	<1	1.44	0.007	0.04	0.2	0.04	4.1	0.2	<0.05	4	0.7	<0.2
1035619	Soil		8	26	0.30	250	0.032	<1	1.73	0.008	0.04	0.2	0.03	2.4	0.2	<0.05	7	<0.5	<0.2
1087058	Soil		18	27	0.53	270	0.069	<1	1.71	0.011	0.11	0.1	0.03	5.1	0.1	<0.05	6	0.7	<0.2
1035610	Soil		26	74	0.97	180	0.113	<1	2.62	0.008	0.35	<0.1	0.02	4.6	0.4	<0.05	7	<0.5	<0.2
1035609	Soil		44	29	0.46	922	0.005	<1	1.54	0.004	0.09	0.1	0.03	7.1	0.1	<0.05	5	<0.5	<0.2
1035611	Soil		21	25	0.32	166	0.022	<1	1.34	0.006	0.06	0.2	0.01	3.7	0.1	<0.05	4	0.6	<0.2
1035618	Soil		12	36	0.43	272	0.047	1	2.22	0.007	0.05	0.2	0.06	4.8	0.1	<0.05	6	<0.5	<0.2
1035616	Soil		12	27	0.42	218	0.058	<1	1.63	0.008	0.05	0.2	0.05	3.7	0.2	<0.05	4	0.6	<0.2
1035614	Soil		13	55	1.38	254	0.146	<1	3.08	0.008	0.38	<0.1	<0.01	4.3	0.3	<0.05	8	<0.5	<0.2
1035613	Soil		18	52	0.66	334	0.052	2	2.48	0.007	0.09	<0.1	0.02	3.6	0.2	<0.05	8	1.1	<0.2
1035615	Soil		11	32	0.13	201	0.009	<1	0.63	0.005	0.04	0.1	0.01	7.0	0.1	<0.05	2	1.0	<0.2
1035617	Soil		16	42	0.15	190	0.015	<1	0.87	0.005	0.05	0.3	0.04	7.3	0.3	<0.05	2	0.5	<0.2
1035621	Soil		10	23	0.18	164	0.029	<1	1.07	0.007	0.04	0.2	0.02	2.7	0.1	<0.05	4	<0.5	<0.2
1035626	Soil		13	80	0.55	379	0.043	1	1.39	0.014	0.05	0.1	0.04	5.5	0.1	<0.05	4	<0.5	<0.2
1035627	Soil		12	37	0.51	411	0.043	1	1.39	0.016	0.05	0.1	0.03	5.0	0.1	<0.05	4	<0.5	<0.2
1035624	Soil		10	28	0.43	215	0.043	1	1.63	0.010	0.05	0.2	0.02	2.8	<0.1	<0.05	4	<0.5	<0.2
1035625	Soil		12	30	0.46	299	0.049	<1	1.35	0.013	0.04	0.1	0.03	3.6	0.1	<0.05	4	<0.5	<0.2
1035629	Soil		11	21	0.46	449	0.028	1	1.25	0.013	0.04	0.2	0.06	3.1	<0.1	0.10	3	0.7	<0.2
1035630	Soil		13	27	0.59	370	0.050	<1	1.59	0.017	0.06	0.3	0.05	4.8	<0.1	<0.05	4	<0.5	<0.2
1035622	Soil		10	32	0.42	305	0.049	<1	1.91	0.008	0.05	0.1	0.02	2.9	0.1	<0.05	6	0.5	<0.2
1035628	Soil		12	60	0.65	374	0.031	<1	1.22	0.014	0.08	0.2	0.05	9.1	0.2	<0.05	4	<0.5	<0.2
1035623	Soil		11	31	0.44	243	0.057	<1	1.63	0.010	0.04	0.1	0.02	3.6	<0.1	<0.05	5	<0.5	<0.2
1035634	Soil		10	31	0.48	457	0.014	2	1.12	0.011	0.09	0.3	0.03	10.1	<0.1	0.09	3	<0.5	<0.2
1035629	Soil		12	25	0.78	221	0.053	1	1.50	0.017	0.06	0.3	0.05	4.8	<0.1	0.06	4	0.6	<0.2
1035632	Soil		11	23	0.49	332	0.034	<1	1.30	0.014	0.05	0.4	0.04	4.6	<0.1	0.07	3	0.7	<0.2
1035633	Soil		9	45	0.71	460	0.027	2	1.30	0.014	0.07	0.3	0.04	10.8	<0.1	0.09	3	<0.5	<0.2
1035636	Soil		11	24	0.45	264	0.056	2	1.28	0.019	0.05	0.2	0.03	2.9	<0.1	<0.05	4	0.5	<0.2

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600 - 666 Burrard St.
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Project: CHA
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS WHI11000612.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1035605	Soil	0.9	29.4	16.9	79	<0.1	22.9	9.7	275	3.36	35.7	1.3	0.8	10.4	9	0.1	1.1	0.2	28	0.10	0.051
1035607	Soil	1.1	19.8	13.2	53	<0.1	22.1	10.0	336	2.64	11.2	0.8	1.6	4.9	14	0.1	0.7	0.2	42	0.13	0.026
1095285	Soil	0.6	33.3	7.1	59	<0.1	18.7	12.4	468	3.09	6.5	0.8	1.9	3.5	16	<0.1	0.6	0.1	67	0.32	0.031
1095288	Soil	2.5	47.8	17.3	118	<0.1	45.2	20.7	829	5.55	8.2	0.8	<0.5	5.8	13	0.1	0.2	0.2	122	0.09	0.040
1095295	Soil	0.3	116.5	0.8	76	<0.1	11.7	31.4	1211	5.95	<0.5	0.1	1.1	0.4	14	0.2	0.5	<0.1	141	0.35	0.118
1087083	Soil	1.0	28.2	9.2	66	<0.1	32.0	10.9	405	3.68	39.4	1.3	1.4	7.2	25	0.2	2.9	0.2	88	0.28	0.026
1035601	Soil	0.6	61.1	4.7	112	<0.1	24.4	23.9	962	4.59	1.8	0.2	<0.5	0.9	20	0.2	0.2	<0.1	119	0.42	0.139
1087084	Soil	1.1	26.5	11.3	54	0.1	25.6	12.2	319	3.56	11.5	0.7	1.1	4.1	17	0.1	0.6	0.2	82	0.16	0.029
1087085	Soil	1.6	51.6	15.3	86	0.1	62.7	19.3	1266	4.29	8.3	0.9	<0.5	7.4	65	0.3	0.6	0.2	67	2.56	0.085
1035603	Soil	1.1	61.7	15.5	84	<0.1	47.5	20.0	487	4.43	6.6	0.7	<0.5	6.3	16	0.1	0.3	0.1	62	0.18	0.027
1035608	Soil	1.4	36.0	20.1	84	<0.1	44.1	13.2	329	4.74	24.4	1.4	<0.5	12.4	9	<0.1	1.7	0.3	51	0.07	0.028
1035606	Soil	1.3	35.2	14.4	69	<0.1	26.2	10.9	233	3.84	71.2	1.7	<0.5	13.2	6	<0.1	2.4	0.2	35	0.03	0.028
1035604	Soil	1.9	52.6	12.5	141	<0.1	56.3	18.0	571	3.97	35.3	1.3	1.0	15.6	24	0.3	0.5	0.2	87	0.40	0.123
1035602	Soil	0.6	38.5	18.0	83	<0.1	52.6	21.1	1063	3.94	3.8	1.3	<0.5	14.1	24	<0.1	0.2	0.1	57	0.32	0.024
1087086	Soil	0.7	34.5	10.6	79	<0.1	31.0	11.1	396	3.43	9.7	0.7	3.3	5.3	28	0.2	0.6	0.2	74	0.29	0.022
1095299	Soil	1.3	30.3	5.3	76	<0.1	18.3	19.0	1020	4.68	2.8	0.8	<0.5	11.4	10	0.2	0.1	0.1	50	0.14	0.069
1095278	Soil	2.0	44.1	13.5	79	0.3	28.5	9.7	363	3.16	9.5	1.3	<0.5	0.6	22	0.4	0.8	0.3	71	0.19	0.067
1095280	Soil	1.2	32.1	10.4	68	<0.1	23.6	10.2	360	2.99	9.1	1.0	3.7	1.9	16	0.2	0.6	0.2	70	0.20	0.059
1095276	Soil	2.1	48.3	10.2	99	0.3	37.7	10.4	381	3.27	8.2	1.4	1.6	4.8	21	0.3	1.2	0.2	59	0.14	0.058
1095273	Soil	1.8	45.1	16.2	116	0.4	33.0	12.9	418	3.52	8.2	1.5	4.1	4.7	17	0.5	1.0	0.3	60	0.11	0.047
1095289	Soil	1.3	45.8	18.6	103	<0.1	54.5	18.3	719	4.27	14.4	2.0	2.3	12.5	16	0.2	1.2	0.3	62	0.34	0.053
1095292	Soil	1.0	35.9	25.6	140	<0.1	50.7	16.4	999	4.32	9.6	1.0	0.6	9.4	16	1.0	1.3	0.2	79	0.41	0.071
1095291	Soil	1.4	30.3	24.4	100	<0.1	28.0	15.5	449	4.48	7.0	1.4	<0.5	10.7	10	0.1	1.6	0.3	51	0.07	0.034
1095293	Soil	1.1	32.8	24.7	111	<0.1	43.4	16.9	869	4.41	10.5	1.2	1.2	9.3	13	0.4	1.2	0.1	67	0.29	0.062
1095279	Soil	1.6	39.6	12.9	89	0.1	31.4	11.7	448	3.11	8.9	1.3	3.6	3.0	20	0.3	0.8	0.2	67	0.20	0.065
1095287	Soil	0.9	36.1	10.5	72	<0.1	28.1	13.6	397	3.57	9.3	1.2	2.8	7.1	19	0.2	0.8	0.2	73	0.20	0.035
1095286	Soil	1.2	27.1	10.8	69	<0.1	24.7	12.6	409	3.11	10.9	1.0	1.7	5.4	14	0.1	0.6	0.2	68	0.13	0.040
1095290	Soil	0.8	36.2	12.8	64	<0.1	33.8	13.8	489	3.36	10.9	1.4	3.3	8.7	15	0.1	0.6	0.2	64	0.15	0.035
1095294	Soil	0.5	70.0	10.0	84	0.2	51.9	25.9	640	4.32	8.2	0.4	6.6	2.7	39	0.2	1.3	0.2	114	0.81	0.054
1095296	Soil	0.4	91.9	7.6	96	<0.1	29.4	19.9	1313	5.61	1.9	0.7	0.5	6.2	22	0.2	0.3	0.2	120	0.38	0.129

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Project: CHA
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS WHI11000612.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1035605	Soil		27	22	0.36	130	0.008	<1	1.25	0.003	0.16	0.4	0.01	3.2	0.2	<0.05	4	0.7	<0.2
1035607	Soil		17	27	0.45	192	0.049	<1	1.48	0.008	0.12	0.1	0.01	2.7	0.1	<0.05	5	<0.5	<0.2
1095285	Soil		12	26	0.62	348	0.048	<1	1.82	0.008	0.07	0.2	0.03	7.4	<0.1	<0.05	5	<0.5	<0.2
1095288	Soil		15	66	1.52	425	0.347	<1	3.04	0.008	0.75	0.1	0.01	3.8	0.3	<0.05	18	0.6	<0.2
1095295	Soil		1	14	1.49	169	0.013	<1	2.19	0.012	0.10	<0.1	0.01	13.3	<0.1	<0.05	8	0.6	<0.2
1087083	Soil		25	48	0.58	377	0.043	<1	1.77	0.009	0.06	0.6	0.09	12.0	<0.1	<0.05	5	<0.5	<0.2
1035601	Soil		4	27	1.27	624	0.178	<1	2.52	0.011	0.76	<0.1	<0.01	6.1	0.3	<0.05	9	<0.5	<0.2
1087084	Soil		10	41	0.58	248	0.080	<1	2.48	0.011	0.05	0.2	0.03	4.4	<0.1	<0.05	6	<0.5	<0.2
1087085	Soil		26	46	0.17	209	0.005	2	1.51	0.005	0.09	0.2	0.04	10.1	0.2	<0.05	3	<0.5	<0.2
1035603	Soil		12	72	1.22	226	0.115	<1	3.90	0.009	0.27	0.1	0.05	4.0	0.3	<0.05	8	<0.5	<0.2
1035608	Soil		26	58	0.32	151	0.006	<1	1.84	0.005	0.08	0.2	0.02	5.3	0.1	<0.05	6	<0.5	<0.2
1035606	Soil		22	19	0.13	77	0.003	<1	1.35	0.004	0.07	0.5	0.02	4.9	0.1	<0.05	4	<0.5	<0.2
1035604	Soil		43	67	1.09	387	0.097	1	2.58	0.009	0.41	0.1	0.02	5.5	0.3	<0.05	9	<0.5	<0.2
1035602	Soil		48	55	1.08	235	0.027	<1	2.91	0.007	0.20	<0.1	0.02	8.4	0.3	<0.05	9	<0.5	<0.2
1087086	Soil		22	45	0.72	344	0.054	<1	2.13	0.011	0.06	0.2	0.07	8.7	<0.1	<0.05	6	<0.5	<0.2
1095299	Soil		43	37	1.25	97	0.005	<1	2.79	0.005	0.09	<0.1	0.02	8.7	<0.1	<0.05	9	<0.5	<0.2
1095278	Soil		12	33	0.38	413	0.030	<1	1.74	0.014	0.07	0.1	0.05	2.9	0.1	<0.05	6	0.7	<0.2
1095280	Soil		13	35	0.56	228	0.056	<1	1.95	0.010	0.06	0.1	0.06	3.5	0.1	<0.05	5	<0.5	<0.2
1095276	Soil		14	26	0.32	288	0.044	<1	1.04	0.007	0.06	0.1	0.05	4.8	<0.1	<0.05	3	0.6	<0.2
1095273	Soil		13	33	0.43	195	0.042	1	1.75	0.008	0.07	0.1	0.11	3.3	0.2	<0.05	4	0.5	<0.2
1095289	Soil		39	57	0.62	288	0.057	1	1.99	0.010	0.14	0.2	0.03	7.9	0.2	<0.05	5	<0.5	<0.2
1095292	Soil		34	37	0.37	273	0.024	3	1.37	0.014	0.13	1.0	0.05	9.3	<0.1	<0.05	4	<0.5	<0.2
1095291	Soil		23	27	0.24	131	0.006	2	1.60	0.006	0.09	0.5	0.03	5.1	0.2	<0.05	4	0.7	<0.2
1095293	Soil		37	39	0.30	225	0.012	1	1.11	0.006	0.08	0.7	0.06	8.5	<0.1	<0.05	3	<0.5	<0.2
1095279	Soil		14	35	0.54	344	0.053	1	1.92	0.010	0.07	0.2	0.04	4.4	0.1	<0.05	5	<0.5	<0.2
1095287	Soil		22	43	0.70	274	0.068	1	2.50	0.011	0.09	0.2	0.05	7.6	0.1	<0.05	6	<0.5	<0.2
1095286	Soil		13	38	0.56	193	0.075	1	2.34	0.010	0.06	0.2	0.04	5.2	0.1	<0.05	5	<0.5	<0.2
1095290	Soil		29	45	0.63	220	0.080	<1	2.30	0.011	0.13	0.1	0.05	5.0	0.1	<0.05	5	<0.5	<0.2
1095294	Soil		12	99	0.59	248	0.051	<1	1.46	0.020	0.06	0.9	0.10	13.1	<0.1	<0.05	4	<0.5	<0.2
1095296	Soil		26	31	1.33	861	0.020	<1	3.22	0.006	0.25	<0.1	0.02	13.3	0.1	<0.05	9	<0.5	<0.2

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Project: CHA
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS WHI11000612.1

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1032967	Soil	0.6	48.6	8.2	68	<0.1	36.1	19.2	545	4.08	5.1	0.6	2.0	4.7	23	<0.1	0.6	0.2	88	0.44	0.034
1032969	Soil	0.2	72.3	5.2	37	<0.1	91.8	25.6	838	4.30	1.1	0.2	<0.5	1.0	24	<0.1	6.2	<0.1	125	1.43	0.023
1095282	Soil	1.3	31.9	9.8	69	<0.1	23.1	12.3	356	3.51	9.3	0.8	4.4	4.3	16	0.2	0.5	0.2	80	0.20	0.043
1095284	Soil	1.0	69.6	7.4	68	<0.1	19.4	19.6	1108	3.88	5.5	0.7	<0.5	2.9	21	0.2	0.9	0.1	83	0.32	0.046
1095281	Soil	1.2	25.6	10.4	54	<0.1	19.2	8.1	280	2.63	7.4	0.9	2.0	0.7	16	0.3	0.5	0.2	64	0.17	0.047
1095277	Soil	1.4	42.8	10.6	82	0.2	33.3	10.2	426	3.14	8.2	1.4	0.9	5.1	20	0.3	1.0	0.2	65	0.21	0.062
1095300	Soil	0.9	47.1	8.3	66	<0.1	27.1	15.6	493	3.73	6.7	1.0	<0.5	8.5	21	0.1	0.5	0.2	73	0.24	0.023
1095297	Soil	0.7	28.8	10.4	55	<0.1	20.0	11.9	310	4.43	17.9	0.5	<0.5	2.8	12	0.2	1.4	0.2	99	0.11	0.028
1032968	Soil	0.4	53.1	4.7	37	<0.1	76.2	29.5	785	3.93	2.1	0.3	<0.5	1.7	26	<0.1	0.4	<0.1	96	0.49	0.018
1095298	Soil	0.9	33.5	7.3	56	<0.1	30.5	18.9	345	4.48	6.9	0.6	2.0	3.6	21	0.1	0.5	0.2	106	0.20	0.020
1095274	Soil	1.4	21.1	6.6	48	0.4	14.1	4.2	141	1.30	3.5	0.8	6.3	0.2	13	0.4	0.5	0.2	25	0.09	0.045
1095275	Soil	1.4	31.4	8.4	52	0.4	17.9	5.1	165	1.94	5.9	0.9	4.3	0.3	15	0.3	0.7	0.2	36	0.10	0.053
1095283	Soil	0.9	28.6	8.5	49	<0.1	23.6	11.9	510	2.59	9.1	0.8	3.1	4.5	13	0.1	0.5	0.2	55	0.14	0.025
1032965	Soil	0.9	28.3	5.8	100	<0.1	24.1	13.5	401	4.14	3.2	0.3	1.0	1.3	8	0.2	0.3	0.1	79	0.08	0.040
1032966	Soil	0.6	38.2	5.9	67	<0.1	30.2	15.1	442	3.63	6.1	0.5	1.6	6.4	17	0.1	0.4	0.1	61	0.18	0.032
1024568	Soil	0.8	14.2	11.2	46	<0.1	12.9	7.1	189	2.34	7.3	0.6	<0.5	3.4	13	<0.1	0.5	0.1	47	0.14	0.013
1024579	Soil	0.7	17.6	7.8	51	<0.1	14.7	8.2	285	2.04	7.3	0.6	8.0	2.8	34	<0.1	0.5	0.1	42	0.55	0.055
1024551	Soil	1.3	36.2	19.0	74	1.3	24.1	16.3	954	4.21	27.7	1.3	21.0	3.1	20	0.1	1.6	0.2	86	0.22	0.034
1024552	Soil	1.1	28.9	14.8	53	1.2	23.9	15.1	927	3.23	16.2	1.0	4.7	3.1	13	0.3	0.8	0.2	62	0.16	0.024
1024554	Soil	1.8	36.0	347.3	350	0.9	28.8	18.1	1226	4.60	1132	0.4	5.0	2.6	15	1.8	2.9	0.2	81	0.26	0.022
1024561	Soil	1.8	24.9	19.3	79	0.1	15.9	10.6	455	3.19	39.3	1.0	5.7	6.4	22	0.1	1.5	0.2	40	0.30	0.030
1024569	Soil	0.6	21.4	10.2	51	<0.1	18.4	15.1	572	3.73	5.4	0.9	0.8	3.3	20	<0.1	0.8	0.1	76	0.26	0.030
1024565	Soil	1.1	28.6	12.9	113	<0.1	14.0	20.6	725	5.60	6.5	1.1	2.9	3.2	22	0.2	0.9	0.2	99	0.35	0.045
1024558	Soil	0.8	22.9	43.0	81	0.4	16.8	8.5	538	2.71	42.3	0.8	9.0	3.4	23	0.2	1.9	0.2	41	0.44	0.052
1024567	Soil	0.7	12.9	16.1	46	<0.1	10.3	7.6	205	2.26	8.2	0.5	<0.5	2.6	11	<0.1	0.8	<0.1	32	0.09	0.016
1024553	Soil	0.7	66.8	22.3	82	1.2	17.7	18.3	1096	4.90	28.4	0.8	14.1	1.3	19	0.2	1.9	<0.1	72	0.51	0.044
1024562	Soil	0.9	29.4	17.3	49	0.4	17.6	12.3	1084	2.64	22.9	1.1	5.7	2.0	50	0.2	0.8	0.3	44	0.86	0.051
1024564	Soil	1.0	36.0	9.3	61	<0.1	20.3	14.8	419	4.25	13.8	1.1	3.9	4.0	22	<0.1	1.0	0.2	69	0.34	0.035
1024563	Soil	1.0	15.4	11.1	47	0.2	13.4	8.0	364	2.33	18.7	0.7	4.8	2.1	37	0.1	0.6	0.1	46	0.55	0.039
1024566	Soil	0.6	23.6	13.1	53	0.1	19.2	10.5	307	2.86	9.6	0.9	4.4	4.3	24	<0.1	0.7	0.1	54	0.37	0.029

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

Project: CHA
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS WHI11000612.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1032967	Soil		14	56	1.02	703	0.039	<1	2.61	0.014	0.07	0.2	0.03	9.3	0.1	<0.05	6	<0.5	<0.2
1032969	Soil		7	216	0.43	353	0.002	<1	1.79	0.004	0.09	0.3	0.06	35.9	0.3	<0.05	3	<0.5	<0.2
1095282	Soil		12	36	0.59	207	0.054	<1	2.47	0.009	0.07	0.1	0.04	4.7	0.1	<0.05	6	<0.5	<0.2
1095284	Soil		11	25	0.92	478	0.042	<1	2.13	0.010	0.09	0.3	0.03	9.5	<0.1	<0.05	6	<0.5	<0.2
1095281	Soil		12	29	0.44	215	0.037	<1	1.64	0.011	0.05	0.1	0.04	2.2	0.1	<0.05	5	<0.5	<0.2
1095277	Soil		15	34	0.50	291	0.057	<1	1.77	0.009	0.07	0.1	0.04	5.1	0.1	<0.05	4	0.6	<0.2
1095300	Soil		35	43	1.02	427	0.096	<1	2.58	0.013	0.18	<0.1	0.03	5.8	0.1	<0.05	7	<0.5	<0.2
1095297	Soil		9	38	0.61	140	0.046	<1	2.57	0.008	0.06	0.2	0.05	6.2	0.1	<0.05	7	<0.5	<0.2
1032968	Soil		6	277	2.24	381	0.008	<1	3.45	0.009	0.06	<0.1	0.02	11.3	<0.1	<0.05	6	<0.5	<0.2
1095298	Soil		10	56	0.94	417	0.046	<1	3.61	0.013	0.05	<0.1	0.03	7.4	0.1	<0.05	8	<0.5	<0.2
1095274	Soil		4	10	0.08	267	0.009	<1	0.39	0.009	0.03	<0.1	0.04	0.5	<0.1	<0.05	2	<0.5	<0.2
1095275	Soil		6	14	0.13	298	0.012	<1	0.70	0.012	0.04	0.1	0.05	1.2	0.1	<0.05	3	0.7	<0.2
1095283	Soil		10	31	0.50	218	0.059	<1	1.83	0.008	0.04	0.1	0.05	3.9	<0.1	<0.05	5	<0.5	<0.2
1032965	Soil		8	62	1.33	183	0.087	<1	2.66	0.008	0.21	<0.1	0.02	4.2	0.1	<0.05	9	<0.5	<0.2
1032966	Soil		18	48	1.21	354	0.135	<1	2.72	0.008	0.40	0.1	0.02	3.8	0.2	<0.05	7	<0.5	<0.2
1024568	Soil		12	21	0.37	269	0.023	<1	1.32	0.007	0.05	0.1	0.01	2.7	<0.1	<0.05	4	<0.5	<0.2
1024579	Soil		12	20	0.42	339	0.050	<1	1.10	0.016	0.05	0.2	0.03	2.6	<0.1	<0.05	3	<0.5	<0.2
1024551	Soil		16	36	0.43	538	0.017	<1	2.33	0.010	0.06	0.1	0.04	9.7	0.2	<0.05	6	<0.5	<0.2
1024552	Soil		12	31	0.42	439	0.025	<1	2.19	0.011	0.05	0.1	0.06	6.1	0.2	<0.05	6	<0.5	<0.2
1024554	Soil		7	40	0.33	376	0.005	<1	1.31	0.006	0.05	0.2	0.02	7.6	0.2	<0.05	4	0.6	<0.2
1024561	Soil		18	19	0.24	736	0.007	<1	1.06	0.007	0.14	0.2	0.03	6.0	<0.1	<0.05	3	<0.5	<0.2
1024569	Soil		13	39	0.31	1131	0.012	<1	1.29	0.007	0.09	0.1	0.02	7.8	0.1	<0.05	4	<0.5	<0.2
1024565	Soil		10	16	0.22	888	0.003	<1	1.01	0.005	0.16	0.2	0.03	16.2	0.1	<0.05	2	<0.5	<0.2
1024558	Soil		11	24	0.33	442	0.017	<1	1.23	0.010	0.07	0.2	0.03	4.0	<0.1	<0.05	3	<0.5	<0.2
1024567	Soil		6	15	0.19	313	0.005	<1	1.19	0.005	0.08	0.1	<0.01	2.8	<0.1	<0.05	3	<0.5	<0.2
1024553	Soil		8	18	0.36	515	0.003	<1	1.31	0.006	0.06	0.1	0.06	16.5	0.1	0.07	3	<0.5	<0.2
1024562	Soil		11	18	0.29	1007	0.007	<1	1.30	0.010	0.08	0.2	0.05	4.8	0.1	0.06	4	0.6	<0.2
1024564	Soil		14	31	0.33	1082	0.012	<1	1.36	0.008	0.10	0.1	0.09	9.5	0.1	<0.05	4	<0.5	<0.2
1024563	Soil		8	22	0.38	485	0.010	<1	1.36	0.009	0.08	0.2	0.04	3.5	<0.1	0.07	4	<0.5	<0.2
1024566	Soil		15	33	0.40	991	0.015	<1	1.58	0.011	0.08	0.1	0.05	7.0	<0.1	<0.05	4	<0.5	<0.2

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Project: CHA
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS WHI11000612.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1024580	Soil	0.7	18.4	8.8	61	0.1	17.0	7.7	301	2.18	7.1	0.7	2.9	2.8	42	0.2	0.6	0.1	47	0.65	0.061
1024581	Soil	0.7	26.4	9.9	61	0.1	21.9	9.1	243	2.49	9.7	0.9	3.7	3.4	35	0.2	0.8	0.2	54	0.55	0.061
1024575	Soil	0.9	24.4	16.5	62	0.1	12.7	10.8	369	2.76	6.6	1.1	2.8	3.7	38	0.2	1.0	0.1	47	0.65	0.036
1024573	Soil	0.8	17.9	14.0	64	<0.1	12.0	9.0	282	2.83	5.7	0.7	0.8	3.0	20	<0.1	0.7	0.1	45	0.26	0.026
1024574	Soil	0.9	20.6	10.7	70	<0.1	13.1	11.3	530	3.36	4.8	0.9	0.6	5.5	26	0.1	0.6	0.2	62	0.39	0.034
1024582	Soil	0.6	25.7	9.2	58	0.1	20.3	10.0	248	2.48	9.0	0.9	2.7	3.8	29	0.1	0.6	0.2	53	0.45	0.055
1024578	Soil	0.8	22.5	9.5	58	0.1	18.0	10.1	387	2.36	8.8	1.0	2.0	3.0	36	0.1	0.7	0.1	50	0.55	0.061
1024570	Soil	0.6	12.6	11.1	74	<0.1	16.0	10.5	442	2.92	4.9	0.9	0.7	5.2	21	<0.1	0.4	0.2	58	0.31	0.016
1024576	Soil	0.8	20.5	12.2	60	<0.1	16.6	11.4	583	2.48	7.9	1.2	2.6	3.1	48	0.3	0.7	0.2	51	0.80	0.050
1024577	Soil	0.8	21.6	10.4	63	<0.1	17.2	8.6	281	2.34	8.4	0.9	0.5	2.6	41	0.1	0.6	0.2	52	0.66	0.052
1024556	Soil	1.2	44.7	62.4	105	0.6	32.3	13.8	1007	3.93	74.2	1.4	13.7	4.1	25	0.2	1.8	0.2	67	0.41	0.042
1024555	Soil	1.2	31.5	75.6	131	0.5	25.8	9.8	397	3.56	66.3	0.7	8.4	5.1	10	0.4	2.4	0.2	48	0.09	0.025
1024559	Soil	1.0	16.6	13.6	54	<0.1	16.3	9.4	288	2.60	17.6	0.6	3.1	4.1	17	0.2	1.0	0.2	40	0.25	0.033
1024557	Soil	0.9	17.8	35.6	72	0.2	16.9	10.2	483	2.65	72.9	0.6	9.7	3.2	14	0.3	1.5	0.2	42	0.17	0.028
1024560	Soil	0.8	16.2	19.8	55	<0.1	13.7	9.1	338	2.39	16.0	0.6	5.4	3.1	15	0.1	0.9	0.2	41	0.19	0.032
1095194	Soil	0.5	58.2	8.2	55	0.5	18.2	17.6	605	3.61	24.6	0.7	3.8	1.3	35	0.2	1.0	0.1	77	0.90	0.038
1095197	Soil	0.6	42.9	7.5	59	0.4	19.9	15.8	748	4.03	12.6	0.8	3.3	1.3	34	0.2	0.9	0.1	72	1.08	0.044
1035552	Soil	0.8	21.6	8.5	54	0.1	14.6	11.0	302	3.06	29.0	0.4	2.2	2.4	13	0.1	0.4	0.1	66	0.23	0.015
1035554	Soil	0.5	35.2	9.2	49	0.6	15.6	12.2	605	3.02	43.4	0.9	4.8	1.0	48	0.2	0.8	<0.1	59	1.79	0.055
1095176	Soil	2.5	33.9	30.6	82	0.3	20.8	7.1	261	2.56	12.8	1.5	4.9	5.5	15	0.2	1.6	0.3	43	0.11	0.038
1035551	Soil	0.6	55.5	18.8	97	0.3	22.8	25.7	725	5.85	52.7	0.5	3.8	3.1	18	0.2	1.5	0.2	95	0.29	0.019
1035557	Soil	0.5	35.2	71.5	98	0.8	24.9	14.1	570	3.05	57.0	0.5	6.9	2.9	29	0.7	3.9	0.2	56	0.91	0.048
1035556	Soil	0.7	18.9	30.2	67	0.3	20.2	17.6	684	4.36	326.9	0.6	4.9	3.0	19	0.3	1.6	0.1	85	0.43	0.018
1035553	Soil	0.7	57.3	15.4	79	0.6	26.1	21.0	911	5.00	115.4	1.1	5.2	5.3	24	<0.1	1.7	0.2	78	0.35	0.020
1095195	Soil	0.8	87.1	10.9	116	0.4	27.4	31.9	1198	8.70	19.8	0.5	61.3	3.7	14	0.2	2.5	0.1	144	0.38	0.086
1024572	Soil	1.1	20.4	17.6	94	<0.1	8.9	6.8	295	2.93	5.5	1.1	0.9	6.2	19	0.2	0.8	0.2	39	0.13	0.015
1024571	Soil	0.9	18.8	14.8	73	<0.1	12.8	7.3	285	2.50	6.1	1.0	0.7	5.4	21	<0.1	0.9	0.2	44	0.22	0.013
1095193	Soil	0.6	98.0	7.5	58	1.2	20.2	22.0	921	4.52	22.3	0.8	7.9	1.2	32	0.1	1.4	0.1	95	0.88	0.043
1035555	Soil	0.6	34.9	9.4	45	0.3	18.8	17.9	519	4.09	39.4	0.5	4.7	2.5	21	<0.1	1.3	0.1	73	0.47	0.015
1095196	Soil	0.7	71.7	11.2	103	0.3	29.4	25.0	896	6.81	20.9	0.5	5.5	4.5	14	0.1	3.4	0.2	112	0.31	0.059

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1024580	Soil		12	25	0.49	328	0.054	3	1.27	0.019	0.05	0.2	0.03	3.0	<0.1	<0.05	4	<0.5	<0.2
1024581	Soil		14	28	0.49	359	0.059	<1	1.50	0.017	0.06	0.2	0.03	3.8	<0.1	<0.05	4	<0.5	<0.2
1024575	Soil		15	18	0.43	760	0.021	1	1.20	0.009	0.19	0.2	0.07	7.7	0.2	<0.05	3	0.7	<0.2
1024573	Soil		9	17	0.29	668	0.009	<1	0.96	0.007	0.09	0.1	0.02	3.8	0.2	<0.05	3	<0.5	<0.2
1024574	Soil		13	25	0.70	905	0.051	<1	1.66	0.010	0.26	<0.1	0.03	6.7	0.2	<0.05	5	<0.5	<0.2
1024582	Soil		14	28	0.48	327	0.059	<1	1.46	0.015	0.05	0.2	0.04	3.6	<0.1	<0.05	4	0.6	<0.2
1024578	Soil		13	25	0.44	407	0.049	1	1.34	0.017	0.05	0.2	0.03	3.4	<0.1	<0.05	4	<0.5	<0.2
1024570	Soil		15	28	0.77	802	0.065	<1	1.67	0.007	0.12	<0.1	0.01	5.8	0.1	<0.05	5	<0.5	<0.2
1024576	Soil		11	24	0.46	618	0.033	1	1.31	0.014	0.08	0.1	0.05	4.4	<0.1	<0.05	4	<0.5	<0.2
1024577	Soil		10	26	0.49	462	0.047	1	1.48	0.016	0.08	0.2	0.04	3.9	0.1	<0.05	4	0.6	<0.2
1024556	Soil		15	38	0.46	540	0.035	<1	1.81	0.012	0.08	0.2	0.08	8.2	0.1	<0.05	5	<0.5	<0.2
1024555	Soil		16	31	0.27	200	0.009	<1	1.39	0.006	0.05	0.2	0.02	3.9	0.1	<0.05	4	<0.5	<0.2
1024559	Soil		14	21	0.27	359	0.012	<1	1.04	0.006	0.07	0.2	0.01	2.9	<0.1	<0.05	3	<0.5	<0.2
1024557	Soil		10	21	0.29	257	0.013	<1	1.18	0.007	0.06	0.3	<0.01	2.9	0.1	<0.05	3	<0.5	<0.2
1024560	Soil		11	19	0.30	352	0.014	<1	1.18	0.006	0.08	0.1	<0.01	2.5	<0.1	<0.05	3	<0.5	<0.2
1095194	Soil		8	22	0.65	400	0.011	2	1.65	0.013	0.07	0.1	0.05	9.9	0.1	<0.05	4	0.9	<0.2
1095197	Soil		8	27	0.37	383	0.009	1	1.18	0.010	0.06	0.2	0.05	11.6	<0.1	<0.05	3	0.6	<0.2
1035552	Soil		8	23	0.52	147	0.026	<1	1.35	0.008	0.07	0.1	0.02	4.1	<0.1	<0.05	5	<0.5	<0.2
1035554	Soil		8	20	0.60	234	0.018	1	1.51	0.015	0.05	0.1	0.06	5.8	<0.1	0.07	4	0.7	<0.2
1095176	Soil		15	23	0.25	336	0.020	1	0.91	0.006	0.06	0.3	0.03	2.5	0.1	<0.05	3	1.0	<0.2
1035551	Soil		8	25	0.45	376	0.011	2	1.48	0.018	0.10	0.2	<0.01	12.7	0.1	<0.05	4	0.9	<0.2
1035557	Soil		12	27	0.58	290	0.033	2	1.46	0.016	0.08	0.1	0.04	7.5	0.1	<0.05	4	0.6	<0.2
1035556	Soil		8	26	0.40	306	0.019	1	1.60	0.010	0.05	0.1	0.03	8.5	<0.1	<0.05	4	<0.5	<0.2
1035553	Soil		18	33	0.75	357	0.012	<1	1.95	0.009	0.09	<0.1	0.03	14.0	0.1	<0.05	5	0.6	<0.2
1095195	Soil		9	31	0.50	382	0.002	<1	1.24	0.007	0.09	0.2	0.03	19.3	0.2	<0.05	3	1.3	<0.2
1024572	Soil		10	13	0.27	470	0.008	<1	1.25	0.005	0.14	0.1	<0.01	4.1	0.2	<0.05	4	0.7	<0.2
1024571	Soil		12	20	0.34	550	0.022	<1	1.26	0.008	0.08	<0.1	0.02	4.3	0.1	<0.05	4	<0.5	<0.2
1095193	Soil		8	18	0.63	387	0.007	2	1.62	0.010	0.08	0.1	0.06	13.8	<0.1	<0.05	4	0.8	<0.2
1035555	Soil		9	21	0.80	440	0.009	<1	2.02	0.009	0.08	0.5	0.02	12.7	0.1	<0.05	5	<0.5	<0.2
1095196	Soil		9	35	0.30	337	0.002	<1	1.09	0.004	0.08	0.3	0.01	13.6	0.2	<0.05	3	1.1	<0.2

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

Project: CHA
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS WHI11000612.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1095192	Soil	0.5	51.2	8.4	67	0.8	16.2	18.2	978	4.29	48.6	0.7	62.5	1.3	33	0.2	2.0	0.1	68	0.97	0.049
1095175	Soil	1.6	26.9	14.4	79	0.2	24.7	9.6	398	3.07	10.5	0.7	2.9	4.3	17	0.3	1.1	0.2	61	0.13	0.031
1035559	Soil	0.5	30.9	17.7	64	0.2	24.7	11.2	633	2.84	26.0	0.5	4.9	3.4	28	0.2	1.7	0.2	53	0.77	0.052
1035558	Soil	0.5	32.9	28.8	75	0.3	23.8	11.8	610	2.87	36.8	0.4	4.8	2.9	32	0.3	1.9	0.2	55	0.95	0.050
1035560	Soil	0.5	24.1	12.3	50	0.2	16.3	10.2	662	2.33	18.0	1.9	2.3	1.4	50	0.2	1.4	0.1	40	1.79	0.055
1095189	Soil	2.1	41.6	30.7	86	0.8	39.0	12.9	752	3.23	33.5	2.8	11.3	5.9	26	0.2	1.5	0.6	45	0.52	0.040
1095180	Soil	1.3	27.6	12.1	65	0.2	21.6	10.2	311	2.83	8.8	0.9	4.4	4.7	17	0.2	0.8	0.2	54	0.16	0.025
1095177	Soil	1.3	20.7	15.4	57	0.2	16.9	5.8	152	2.36	8.7	0.6	2.1	2.7	12	0.1	1.2	0.2	49	0.09	0.021
1095181	Soil	1.3	30.5	12.2	64	0.2	41.4	10.5	308	2.81	11.7	1.0	5.0	4.4	16	0.1	1.9	0.2	54	0.16	0.026
1095187	Soil	1.6	26.4	13.9	85	0.2	29.3	8.3	243	2.74	14.2	1.0	2.1	3.2	14	0.4	0.9	0.3	47	0.15	0.037
1095182	Soil	0.1	73.5	2.1	120	0.2	201.2	45.8	850	6.01	<0.5	0.4	2.8	0.7	16	<0.1	0.3	<0.1	105	0.44	0.036
1095179	Soil	1.2	33.7	13.3	60	<0.1	25.0	9.4	414	2.96	11.6	2.1	4.8	5.6	27	<0.1	1.1	0.2	60	0.26	0.028
1095178	Soil	1.4	26.2	14.0	61	0.1	21.5	9.0	350	2.67	9.7	1.7	6.7	5.0	24	<0.1	1.2	0.2	54	0.21	0.026
1095174	Soil	1.5	31.9	13.7	75	0.1	25.5	9.7	366	2.73	9.4	1.1	4.3	4.3	15	0.1	1.0	0.2	52	0.10	0.022
1095188	Soil	1.0	22.8	12.1	59	0.1	24.5	9.5	354	2.70	11.8	1.3	6.0	4.2	18	<0.1	0.9	0.3	56	0.29	0.020
1035640	Soil	0.7	26.0	9.4	54	0.1	24.4	10.8	424	2.53	9.4	1.1	3.7	4.2	30	<0.1	0.8	0.2	54	0.49	0.052
1035638	Soil	1.1	17.1	9.3	53	<0.1	17.4	9.6	635	2.38	10.8	0.8	<0.5	2.3	33	0.2	0.6	0.1	48	0.55	0.057
1095148	Soil	0.4	16.1	5.6	73	<0.1	8.9	13.7	617	3.68	6.4	0.5	<0.5	3.4	13	<0.1	1.6	<0.1	74	0.20	0.030
1095153	Soil	0.3	45.8	4.4	75	<0.1	7.7	17.4	810	4.73	8.1	0.6	1.1	3.2	12	<0.1	1.2	0.1	80	0.33	0.045
1095155	Soil	0.2	16.7	7.9	88	<0.1	6.1	15.3	1035	5.09	8.9	0.7	0.6	5.3	12	0.1	5.3	0.1	94	0.28	0.056
1095190	Soil	1.4	20.5	12.7	66	0.3	20.9	10.2	417	2.48	13.3	0.9	4.0	3.8	26	0.2	1.0	0.2	43	0.47	0.052
1035639	Soil	0.7	25.0	8.2	55	<0.1	24.0	9.3	325	2.48	9.3	0.9	1.7	3.5	26	0.1	0.6	0.1	53	0.40	0.055
1035643	Soil	0.7	25.2	8.5	54	0.1	25.2	10.5	418	2.56	8.3	0.8	1.3	3.3	27	<0.1	0.6	0.1	55	0.47	0.051
1035645	Soil	0.8	37.3	8.2	60	0.1	39.0	14.5	499	2.84	9.1	1.0	2.1	3.9	26	0.2	1.1	0.1	54	0.46	0.055
1035642	Soil	0.8	36.2	7.2	45	0.2	31.6	10.5	628	2.25	7.6	1.0	2.4	2.0	48	0.2	1.0	0.1	47	0.80	0.069
1035567	Soil	0.5	20.4	7.5	47	0.2	14.2	7.8	1361	1.61	13.7	0.5	1.1	0.7	52	0.5	0.9	<0.1	30	2.38	0.061
1035566	Soil	0.5	34.8	11.5	62	0.2	22.9	9.6	738	2.28	20.8	1.5	2.6	1.3	41	0.5	1.6	0.1	40	1.88	0.068

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Project: CHA
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS WHI11000612.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1095192	Soil	7	18	0.31	305	0.006	<1	1.12	0.008	0.07	0.2	0.06	10.4	<0.1	0.05	3	1.1	<0.2
1095175	Soil	10	35	0.43	289	0.036	1	1.94	0.016	0.09	0.3	0.02	4.3	0.2	<0.05	6	0.6	<0.2
1035559	Soil	13	26	0.53	314	0.043	1	1.57	0.017	0.07	0.2	0.03	5.1	<0.1	<0.05	4	<0.5	<0.2
1035558	Soil	12	26	0.67	279	0.039	2	1.52	0.016	0.07	0.2	0.04	5.4	<0.1	<0.05	4	0.7	<0.2
1035560	Soil	9	18	0.37	411	0.031	2	1.23	0.017	0.06	0.1	0.03	3.8	<0.1	0.06	3	0.6	<0.2
1095189	Soil	18	28	0.31	655	0.010	<1	1.47	0.008	0.07	0.2	0.03	4.9	0.1	<0.05	4	1.1	0.3
1095180	Soil	13	35	0.45	396	0.043	<1	1.80	0.009	0.05	0.2	0.03	3.5	<0.1	<0.05	5	<0.5	<0.2
1095177	Soil	10	24	0.31	323	0.032	<1	1.38	0.009	0.05	0.2	0.03	2.3	0.1	<0.05	5	<0.5	<0.2
1095181	Soil	12	37	0.38	484	0.029	<1	1.75	0.008	0.05	0.2	0.04	4.2	0.1	<0.05	5	<0.5	<0.2
1095187	Soil	9	23	0.26	376	0.023	<1	1.29	0.007	0.06	0.2	0.02	2.2	0.1	<0.05	4	0.8	<0.2
1095182	Soil	3	235	0.92	683	0.034	1	1.59	0.012	0.23	<0.1	0.04	15.9	0.7	<0.05	5	<0.5	<0.2
1095179	Soil	17	36	0.51	620	0.052	<1	1.94	0.011	0.06	0.1	0.04	6.3	<0.1	<0.05	5	0.8	<0.2
1095178	Soil	16	34	0.47	505	0.048	1	1.61	0.010	0.06	0.1	0.04	4.7	0.1	<0.05	5	0.6	<0.2
1095174	Soil	11	31	0.34	255	0.033	<1	1.66	0.008	0.06	0.2	0.02	3.4	0.1	<0.05	4	0.6	<0.2
1095188	Soil	11	32	0.45	453	0.027	<1	1.67	0.008	0.05	0.1	0.02	3.4	0.1	<0.05	5	0.7	<0.2
1035640	Soil	13	30	0.43	331	0.051	<1	1.48	0.015	0.05	0.2	0.03	4.5	<0.1	<0.05	4	0.6	<0.2
1035638	Soil	10	25	0.39	302	0.031	1	1.26	0.013	0.04	0.2	0.03	3.0	<0.1	<0.05	4	<0.5	<0.2
1095148	Soil	10	18	0.78	312	0.091	<1	1.52	0.009	0.34	<0.1	0.06	10.7	0.2	<0.05	6	<0.5	<0.2
1095153	Soil	15	12	0.80	673	0.042	1	1.67	0.006	0.37	<0.1	0.03	19.4	0.2	<0.05	5	0.5	<0.2
1095155	Soil	16	9	0.73	508	0.104	1	1.63	0.006	0.59	<0.1	0.06	14.5	0.3	<0.05	7	0.5	<0.2
1095190	Soil	14	25	0.31	509	0.024	1	1.28	0.009	0.06	0.2	0.04	3.3	<0.1	<0.05	3	0.7	<0.2
1035639	Soil	14	30	0.38	296	0.048	2	1.40	0.014	0.05	0.2	0.05	4.1	<0.1	<0.05	4	<0.5	<0.2
1035643	Soil	13	33	0.42	342	0.045	1	1.55	0.015	0.05	0.2	0.05	4.8	<0.1	<0.05	4	1.0	<0.2
1035645	Soil	14	41	0.45	405	0.045	1	1.42	0.016	0.06	0.2	0.04	6.2	<0.1	<0.05	4	0.9	<0.2
1035642	Soil	12	30	0.33	471	0.036	2	1.48	0.016	0.05	0.2	0.06	4.8	<0.1	0.07	4	<0.5	<0.2
1035567	Soil	6	16	0.35	421	0.023	4	0.92	0.012	0.04	0.1	0.07	2.3	<0.1	0.14	2	<0.5	<0.2
1035566	Soil	11	20	0.35	561	0.027	2	1.21	0.016	0.05	0.2	0.05	3.8	<0.1	0.11	3	0.8	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
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Project: CHA
Report Date: August 10, 2011

QUALITY CONTROL REPORT WHI11000612.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1035637	Soil	0.9	19.7	7.8	56	0.1	17.8	8.2	296	2.16	7.4	0.7	1.4	2.7	27	0.1	0.5	0.1	46	0.41	0.059
REP 1035637	QC	0.8	20.2	8.2	60	0.1	18.1	8.5	296	2.18	7.9	0.7	3.0	2.8	28	0.1	0.6	0.2	47	0.41	0.057
1095285	Soil	0.6	33.3	7.1	59	<0.1	18.7	12.4	468	3.09	6.5	0.8	1.9	3.5	16	<0.1	0.6	0.1	67	0.32	0.031
REP 1095285	QC	0.7	33.9	7.4	62	<0.1	17.1	12.6	480	3.16	6.9	0.8	2.5	3.5	16	<0.1	0.6	0.1	69	0.32	0.032
1087084	Soil	1.1	26.5	11.3	54	0.1	25.6	12.2	319	3.56	11.5	0.7	1.1	4.1	17	0.1	0.6	0.2	82	0.16	0.029
REP 1087084	QC	1.1	26.8	11.5	55	0.1	25.5	12.3	326	3.57	12.1	0.7	2.4	4.1	18	0.1	0.7	0.2	82	0.17	0.029
1095299	Soil	1.3	30.3	5.3	76	<0.1	18.3	19.0	1020	4.68	2.8	0.8	<0.5	11.4	10	0.2	0.1	0.1	50	0.14	0.069
REP 1095299	QC	1.0	30.6	5.3	75	<0.1	18.6	18.4	1025	4.68	3.3	0.8	<0.5	11.0	10	0.1	0.1	<0.1	51	0.14	0.066
1095287	Soil	0.9	36.1	10.5	72	<0.1	28.1	13.6	397	3.57	9.3	1.2	2.8	7.1	19	0.2	0.8	0.2	73	0.20	0.035
REP 1095287	QC	0.7	35.6	10.5	72	<0.1	27.7	13.3	395	3.48	8.8	1.1	2.3	6.8	18	0.2	0.7	0.2	71	0.20	0.034
1024579	Soil	0.7	17.6	7.8	51	<0.1	14.7	8.2	285	2.04	7.3	0.6	8.0	2.8	34	<0.1	0.5	0.1	42	0.55	0.055
REP 1024579	QC	0.7	16.9	7.9	52	<0.1	14.2	8.1	275	2.00	7.1	0.7	1.9	2.8	34	0.1	0.5	0.1	42	0.54	0.055
1024566	Soil	0.6	23.6	13.1	53	0.1	19.2	10.5	307	2.86	9.6	0.9	4.4	4.3	24	<0.1	0.7	0.1	54	0.37	0.029
REP 1024566	QC	0.7	24.4	13.3	56	<0.1	20.7	11.1	311	2.96	10.4	1.0	2.6	4.5	26	<0.1	0.7	0.1	57	0.40	0.031
1035552	Soil	0.8	21.6	8.5	54	0.1	14.6	11.0	302	3.06	29.0	0.4	2.2	2.4	13	0.1	0.4	0.1	66	0.23	0.015
REP 1035552	QC	0.7	22.3	8.5	55	0.1	14.6	11.0	304	3.07	29.7	0.4	<0.5	2.4	14	0.2	0.5	0.1	66	0.23	0.015
1095192	Soil	0.5	51.2	8.4	67	0.8	16.2	18.2	978	4.29	48.6	0.7	62.5	1.3	33	0.2	2.0	0.1	68	0.97	0.049
REP 1095192	QC	0.6	50.8	8.7	68	0.8	17.8	17.8	972	4.28	49.6	0.7	13.1	1.4	33	0.2	2.0	0.1	67	0.98	0.051
1035559	Soil	0.5	30.9	17.7	64	0.2	24.7	11.2	633	2.84	26.0	0.5	4.9	3.4	28	0.2	1.7	0.2	53	0.77	0.052
REP 1035559	QC	0.5	28.6	16.5	63	0.2	23.8	11.2	586	2.79	25.0	0.4	3.8	3.2	27	0.2	1.4	0.1	53	0.75	0.049
1035642	Soil	0.8	36.2	7.2	45	0.2	31.6	10.5	628	2.25	7.6	1.0	2.4	2.0	48	0.2	1.0	0.1	47	0.80	0.069
REP 1035642	QC	0.8	35.0	7.1	46	0.2	30.9	10.3	587	2.29	7.9	0.9	1.0	1.9	46	<0.1	1.0	0.1	45	0.79	0.065
Reference Materials																					
STD DS8	Standard	13.3	101.2	104.3	286	1.7	33.5	6.8	574	2.34	25.9	2.3	106.0	5.9	61	2.0	5.1	5.5	40	0.66	0.074
STD DS8	Standard	13.5	106.6	108.7	299	1.7	37.7	7.5	626	2.46	25.9	2.4	105.1	6.3	63	2.2	5.1	6.0	41	0.69	0.078
STD DS8	Standard	14.7	117.7	135.0	321	1.9	40.5	8.2	650	2.58	27.3	2.9	153.7	7.4	71	2.2	5.6	7.0	48	0.73	0.080
STD DS8	Standard	13.0	109.1	122.7	311	1.8	38.8	7.7	601	2.43	26.3	2.6	111.8	6.4	65	2.2	5.4	6.1	40	0.68	0.078
STD DS8	Standard	13.9	107.6	118.0	296	1.7	37.6	7.5	582	2.38	25.4	2.6	105.4	6.1	60	2.2	5.0	6.0	43	0.68	0.072

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

Project: CHA
Report Date: August 10, 2011

QUALITY CONTROL REPORT WHI11000612.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1035637	Soil	10	22	0.46	237	0.049	2	1.17	0.016	0.05	0.2	0.03	2.7	<0.1	0.07	4	0.6	<0.2
REP 1035637	QC	10	24	0.47	243	0.052	2	1.19	0.016	0.05	0.2	0.04	2.7	<0.1	0.07	4	<0.5	<0.2
1095285	Soil	12	26	0.62	348	0.048	<1	1.82	0.008	0.07	0.2	0.03	7.4	<0.1	<0.05	5	<0.5	<0.2
REP 1095285	QC	12	27	0.64	355	0.049	1	1.89	0.011	0.08	0.2	0.04	7.6	<0.1	<0.05	5	0.6	<0.2
1087084	Soil	10	41	0.58	248	0.080	<1	2.48	0.011	0.05	0.2	0.03	4.4	<0.1	<0.05	6	<0.5	<0.2
REP 1087084	QC	11	41	0.57	251	0.080	2	2.49	0.010	0.05	0.2	0.04	4.3	<0.1	<0.05	6	<0.5	<0.2
1095299	Soil	43	37	1.25	97	0.005	<1	2.79	0.005	0.09	<0.1	0.02	8.7	<0.1	<0.05	9	<0.5	<0.2
REP 1095299	QC	43	38	1.19	97	0.005	<1	2.67	0.004	0.09	<0.1	0.01	8.9	<0.1	<0.05	9	<0.5	<0.2
1095287	Soil	22	43	0.70	274	0.068	1	2.50	0.011	0.09	0.2	0.05	7.6	0.1	<0.05	6	<0.5	<0.2
REP 1095287	QC	21	41	0.68	257	0.062	1	2.38	0.009	0.08	0.1	0.05	7.6	0.1	<0.05	5	<0.5	<0.2
1024579	Soil	12	20	0.42	339	0.050	<1	1.10	0.016	0.05	0.2	0.03	2.6	<0.1	<0.05	3	<0.5	<0.2
REP 1024579	QC	12	21	0.42	341	0.049	1	1.11	0.016	0.04	0.2	0.02	2.6	<0.1	<0.05	3	<0.5	<0.2
1024566	Soil	15	33	0.40	991	0.015	<1	1.58	0.011	0.08	0.1	0.05	7.0	<0.1	<0.05	4	<0.5	<0.2
REP 1024566	QC	16	35	0.41	1017	0.018	<1	1.66	0.010	0.09	0.1	0.05	7.5	<0.1	<0.05	5	<0.5	<0.2
1035552	Soil	8	23	0.52	147	0.026	<1	1.35	0.008	0.07	0.1	0.02	4.1	<0.1	<0.05	5	<0.5	<0.2
REP 1035552	QC	8	23	0.53	145	0.027	1	1.36	0.008	0.07	0.1	0.02	4.3	<0.1	<0.05	5	<0.5	<0.2
1095192	Soil	7	18	0.31	305	0.006	<1	1.12	0.008	0.07	0.2	0.06	10.4	<0.1	0.05	3	1.1	<0.2
REP 1095192	QC	7	19	0.32	308	0.005	<1	1.14	0.008	0.07	0.2	0.05	10.4	<0.1	0.06	3	0.5	<0.2
1035559	Soil	13	26	0.53	314	0.043	1	1.57	0.017	0.07	0.2	0.03	5.1	<0.1	<0.05	4	<0.5	<0.2
REP 1035559	QC	12	26	0.50	295	0.046	2	1.51	0.017	0.07	0.1	0.04	5.3	<0.1	<0.05	4	<0.5	<0.2
1035642	Soil	12	30	0.33	471	0.036	2	1.48	0.016	0.05	0.2	0.06	4.8	<0.1	0.07	4	<0.5	<0.2
REP 1035642	QC	12	28	0.33	451	0.034	<1	1.40	0.015	0.04	0.2	0.06	4.4	<0.1	0.07	4	0.7	<0.2
Reference Materials																		
STD DS8	Standard	14	112	0.50	264	0.113	3	0.89	0.088	0.39	2.7	0.20	2.2	4.7	0.19	4	5.5	4.8
STD DS8	Standard	15	115	0.52	270	0.108	3	0.90	0.091	0.40	2.7	0.20	1.9	5.1	0.16	4	5.7	4.6
STD DS8	Standard	16	131	0.65	296	0.135	3	1.00	0.098	0.45	3.1	0.23	2.7	5.4	0.15	5	5.2	4.9
STD DS8	Standard	15	116	0.61	272	0.114	2	0.92	0.076	0.42	2.9	0.17	1.9	5.3	0.23	4	4.9	5.2
STD DS8	Standard	14	122	0.57	268	0.120	2	0.89	0.072	0.40	2.9	0.19	2.1	5.1	0.19	4	4.1	4.8

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

Project: CHA
Report Date: August 10, 2011

QUALITY CONTROL REPORT WHI11000612.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8	Standard	12.3	97.8	118.3	290	1.6	32.9	7.0	565	2.25	24.3	2.8	104.8	6.8	66	2.1	5.3	6.4	39	0.66	0.074
STD DS8	Standard	11.5	94.3	110.2	282	1.6	33.5	6.5	540	2.19	23.5	2.5	99.5	5.9	62	2.2	5.2	6.1	37	0.61	0.072
STD DS8	Standard	12.0	95.8	107.6	276	1.6	33.7	6.7	542	2.19	23.3	2.5	124.1	6.1	62	2.0	5.1	5.8	37	0.60	0.070
STD DS8	Standard	12.5	104.1	120.9	300	1.8	35.1	7.0	557	2.26	24.8	2.7	102.2	6.4	53	2.1	4.8	5.3	38	0.62	0.074
STD DS8	Standard	13.0	102.2	122.9	302	1.8	35.4	7.0	557	2.27	25.5	2.7	110.5	6.7	54	2.2	4.6	5.5	38	0.62	0.076
STD DS8	Standard	12.5	105.7	128.5	299	1.7	35.9	7.2	564	2.32	25.3	2.8	103.9	6.9	65	2.0	5.6	6.7	40	0.65	0.076
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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

Project: CHA
Report Date: August 10, 2011

QUALITY CONTROL REPORT WHI11000612.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	14	107	0.55	268	0.103	3	0.87	0.089	0.40	2.8	0.20	2.2	5.3	0.16	4	4.7	5.2
STD DS8	Standard	13	98	0.54	252	0.105	2	0.78	0.072	0.37	2.7	0.19	1.7	4.9	0.18	4	4.4	4.5
STD DS8	Standard	13	101	0.54	247	0.108	2	0.79	0.076	0.37	2.6	0.18	1.8	4.9	0.18	4	5.1	4.9
STD DS8	Standard	13	109	0.56	262	0.097	2	0.82	0.075	0.39	2.9	0.21	1.8	5.2	0.13	4	5.2	4.8
STD DS8	Standard	13	108	0.58	271	0.097	3	0.84	0.077	0.39	2.9	0.21	1.9	5.2	0.13	4	4.7	5.0
STD DS8	Standard	14	113	0.59	260	0.113	2	0.86	0.084	0.39	2.7	0.20	2.3	5.1	0.15	5	5.1	4.5
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

Submitted By: Mike Skead
Receiving Lab: Canada-Whitehorse
Received: July 15, 2011
Report Date: August 04, 2011
Page: 1 of 4

CERTIFICATE OF ANALYSIS WHI11000617.1

CLIENT JOB INFORMATION

Project: CHA
Shipment ID:
P.O. Number
Number of Samples: 90

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	90	Dry at 60C sieve 100g to -80 mesh			VAN
Dry at 60C	90	Dry at 60C			VAN
1DX2	90	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Project: CHA
Report Date: August 04, 2011

CERTIFICATE OF ANALYSIS WHI11000617.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1095191	Soil	1.0	99.3	11.7	121	0.5	26.0	24.9	1083	6.20	70.9	0.8	13.0	2.8	22	0.3	2.3	0.2	85	0.40	0.050
1035644	Soil	0.9	26.0	8.4	50	0.1	23.6	12.2	546	2.46	7.6	1.0	2.6	2.4	31	0.2	0.6	0.1	47	0.59	0.056
1035641	Soil	1.0	29.3	10.5	57	0.1	33.4	13.8	436	2.81	12.7	1.2	5.0	3.8	25	0.2	0.9	0.2	57	0.44	0.052
1095167	Soil	1.1	20.7	10.6	69	<0.1	15.6	10.5	393	3.12	37.8	1.0	4.5	4.4	18	0.1	1.9	0.2	57	0.28	0.030
1095165	Soil	1.0	14.6	11.6	51	<0.1	8.9	7.7	281	2.48	78.6	0.5	0.8	3.1	19	0.1	2.9	0.1	44	0.32	0.030
1095166	Soil	1.2	19.8	11.3	79	0.1	12.1	12.4	555	3.21	38.2	1.0	2.7	4.6	25	0.3	1.6	0.2	53	0.42	0.036
1095164	Soil	1.0	56.1	20.0	93	<0.1	7.1	9.7	452	3.25	20.7	0.7	2.5	7.0	16	0.1	2.7	0.3	36	0.37	0.043
1095161	Soil	1.7	28.9	12.0	59	0.3	12.9	10.4	407	3.86	164.2	1.0	7.3	2.1	25	<0.1	11.6	0.2	61	0.45	0.041
1095156	Soil	0.7	19.8	9.7	90	<0.1	9.2	12.5	646	3.70	22.7	0.5	1.0	2.1	14	<0.1	26.1	0.1	45	0.18	0.049
1095158	Soil	0.6	15.7	5.2	79	<0.1	6.0	12.6	615	4.12	6.2	0.3	1.3	1.6	10	<0.1	1.7	0.1	88	0.19	0.030
1095160	Soil	1.5	21.8	10.9	66	0.1	12.9	10.5	421	3.40	44.4	0.6	2.2	2.2	16	<0.1	10.9	0.2	46	0.13	0.035
1095152	Soil	0.2	71.9	3.0	121	<0.1	6.4	21.5	681	4.91	7.9	0.8	1.1	3.5	31	0.2	3.1	<0.1	58	0.18	0.048
1095172	Soil	0.8	25.0	18.2	75	0.2	9.8	13.3	1003	3.41	4.7	1.1	3.5	3.0	23	0.2	0.8	0.5	62	0.30	0.058
1095147	Soil	0.8	12.6	11.0	93	0.1	9.4	26.9	1063	6.67	2.7	0.7	5.3	4.3	16	0.1	2.7	0.7	70	0.26	0.048
1095149	Soil	0.3	28.2	4.0	74	<0.1	14.1	22.9	955	5.40	4.3	0.4	3.5	2.8	12	0.2	0.9	0.3	110	0.26	0.029
1095151	Soil	1.1	16.2	9.5	51	<0.1	10.4	9.0	361	4.62	29.8	0.5	7.3	2.5	16	0.1	4.2	0.3	71	0.16	0.029
1095159	Soil	1.7	33.3	11.4	76	0.2	21.1	11.0	522	4.35	29.5	1.1	0.8	3.4	23	0.2	5.6	0.4	64	0.32	0.047
1095154	Soil	1.1	28.8	5.2	88	<0.1	8.7	15.8	858	5.30	11.5	0.6	3.7	3.4	10	0.1	1.7	0.2	91	0.31	0.043
1087076	Soil	0.1	77.1	2.9	71	<0.1	5.6	22.8	1130	6.37	4.2	0.3	<0.5	0.9	16	0.1	2.6	0.2	127	0.27	0.047
1087078	Soil	2.6	44.9	12.0	89	<0.1	14.9	17.1	655	7.22	14.8	0.7	2.7	3.8	6	0.1	5.7	0.3	114	0.08	0.041
1095173	Soil	1.0	45.9	20.7	95	0.2	11.7	15.5	1343	4.18	3.8	2.7	5.0	5.6	31	0.2	0.7	0.3	74	0.63	0.046
1087082	Soil	0.7	25.1	6.9	59	<0.1	14.4	11.8	442	3.93	7.9	0.8	6.8	3.3	19	0.1	1.3	0.2	93	0.34	0.039
1087071	Soil	0.7	26.2	4.8	103	<0.1	6.1	17.0	730	4.66	75.7	0.6	<0.5	2.6	22	<0.1	6.4	0.1	67	0.12	0.044
1095157	Soil	0.4	18.2	7.2	104	<0.1	6.2	13.9	661	4.82	4.6	0.3	3.4	1.8	11	0.1	3.5	0.1	86	0.26	0.051
1095170	Soil	0.9	20.4	14.2	68	0.2	13.1	10.7	753	3.53	8.8	1.2	5.0	4.4	26	0.2	0.8	0.2	56	0.40	0.042
1087079	Soil	0.9	25.1	3.4	92	<0.1	8.0	21.1	1137	5.96	4.3	0.6	2.4	3.4	7	0.1	1.0	0.1	154	0.26	0.076
1087075	Soil	1.0	36.9	2.1	82	<0.1	6.1	17.4	1077	6.44	4.8	0.5	1.7	1.9	8	0.2	20.8	<0.1	99	0.13	0.043
1087077	Soil	0.8	46.7	7.4	120	<0.1	7.5	25.2	958	7.89	39.2	0.7	4.7	0.8	29	<0.1	10.5	0.1	59	0.12	0.066
1095162	Soil	0.9	26.0	9.9	64	0.3	14.8	11.2	347	3.57	149.0	0.9	6.4	3.8	25	0.1	7.7	0.2	48	0.48	0.041
1095169	Soil	0.6	37.2	18.7	80	<0.1	12.1	13.9	1007	4.33	5.6	1.1	3.6	7.1	20	0.2	1.5	0.2	57	0.42	0.082

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Vancouver BC V6C 1H2 Canada

Project: CHA
Report Date: August 04, 2011

CERTIFICATE OF ANALYSIS WHI11000617.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1095191	Soil		10	22	0.33	477	0.006	<1	0.96	0.006	0.08	0.2	0.04	12.0	0.1	<0.05	3	1.1	<0.2
1035644	Soil		10	32	0.40	317	0.032	<1	1.21	0.011	0.04	0.2	0.05	4.1	<0.1	<0.05	3	0.5	<0.2
1035641	Soil		13	36	0.40	353	0.037	1	1.34	0.010	0.04	0.2	0.04	5.0	<0.1	<0.05	4	<0.5	<0.2
1095167	Soil		14	21	0.48	631	0.028	<1	1.42	0.007	0.10	0.3	0.02	6.5	<0.1	<0.05	4	<0.5	<0.2
1095165	Soil		10	15	0.31	389	0.009	<1	1.05	0.006	0.10	0.2	<0.01	3.9	<0.1	<0.05	3	<0.5	<0.2
1095166	Soil		14	21	0.60	733	0.019	<1	1.56	0.007	0.16	0.2	0.03	7.0	<0.1	<0.05	4	<0.5	<0.2
1095164	Soil		14	9	0.56	568	0.008	<1	1.31	0.005	0.16	0.2	0.02	5.4	<0.1	<0.05	4	<0.5	<0.2
1095161	Soil		7	23	0.31	345	0.009	<1	1.47	0.006	0.07	0.2	0.24	10.2	0.1	<0.05	4	0.9	<0.2
1095156	Soil		5	11	0.27	385	0.013	<1	1.09	0.005	0.14	0.2	0.16	7.3	0.1	<0.05	4	<0.5	<0.2
1095158	Soil		6	9	0.91	433	0.148	<1	1.88	0.006	0.68	0.1	0.01	10.1	0.2	<0.05	7	<0.5	<0.2
1095160	Soil		6	20	0.23	246	0.019	<1	0.88	0.005	0.06	0.2	0.06	6.4	0.1	<0.05	3	0.7	<0.2
1095152	Soil		11	6	0.22	457	0.009	<1	1.41	0.073	0.37	<0.1	0.07	24.2	<0.1	0.38	3	<0.5	<0.2
1095172	Soil		15	20	0.63	527	0.065	2	1.50	0.011	0.28	0.1	0.01	5.3	0.1	0.07	5	<0.5	<0.2
1095147	Soil		11	13	0.28	503	0.005	3	1.26	0.007	0.28	0.1	0.11	23.6	0.1	0.06	3	<0.5	<0.2
1095149	Soil		10	36	0.94	370	0.063	1	1.69	0.013	0.29	<0.1	0.05	16.2	0.2	<0.05	5	<0.5	<0.2
1095151	Soil		7	23	0.41	362	0.051	2	1.49	0.011	0.17	0.1	0.25	4.7	0.2	0.10	6	1.6	0.3
1095159	Soil		17	36	0.37	541	0.022	2	1.74	0.007	0.10	0.2	0.12	11.8	0.1	<0.05	5	0.6	<0.2
1095154	Soil		13	17	1.23	680	0.121	2	2.10	0.009	0.71	<0.1	0.03	13.6	0.3	<0.05	7	<0.5	<0.2
1087076	Soil		5	5	1.10	3411	0.127	2	2.24	0.012	0.76	<0.1	0.03	17.7	0.2	<0.05	8	0.9	<0.2
1087078	Soil		10	42	0.71	173	0.067	1	2.15	0.005	0.37	<0.1	<0.01	13.9	0.2	<0.05	7	1.0	<0.2
1095173	Soil		23	19	1.05	749	0.113	1	2.03	0.009	0.54	0.1	0.04	8.7	0.3	<0.05	6	0.8	<0.2
1087082	Soil		15	27	0.86	451	0.111	3	1.91	0.010	0.19	0.2	0.09	8.6	0.1	<0.05	6	0.8	<0.2
1087071	Soil		8	11	0.60	694	0.050	<1	2.13	0.016	0.41	<0.1	0.31	8.9	0.5	0.09	6	<0.5	<0.2
1095157	Soil		9	8	0.87	505	0.141	<1	2.04	0.006	0.60	0.3	0.02	12.3	0.2	<0.05	7	<0.5	<0.2
1095170	Soil		18	24	0.64	567	0.046	1	1.74	0.009	0.24	0.2	0.04	7.3	0.1	<0.05	5	<0.5	<0.2
1087079	Soil		9	36	2.02	566	0.190	2	2.59	0.017	0.84	<0.1	0.01	12.7	0.2	<0.05	10	<0.5	<0.2
1087075	Soil		9	9	0.49	1038	0.068	<1	1.18	0.006	0.50	<0.1	0.07	17.3	0.2	<0.05	4	<0.5	<0.2
1087077	Soil		2	5	0.12	278	0.002	<1	1.56	0.013	0.20	<0.1	0.17	17.9	0.3	0.14	3	0.6	<0.2
1095162	Soil		13	21	0.37	533	0.016	1	1.56	0.010	0.10	0.2	0.11	8.1	<0.1	<0.05	4	1.1	<0.2
1095169	Soil		18	18	0.66	554	0.034	<1	1.62	0.005	0.39	0.1	0.01	8.7	0.1	<0.05	4	<0.5	<0.2

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Project: CHA
Report Date: August 04, 2011

CERTIFICATE OF ANALYSIS WHI11000617.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1095168	Soil	1.0	22.0	14.6	55	<0.1	12.1	8.9	335	3.33	12.4	1.1	4.9	4.0	18	0.1	1.3	0.2	49	0.25	0.043
1095163	Soil	0.8	18.0	10.3	57	0.3	15.6	13.1	556	3.59	138.1	1.0	5.0	3.4	28	0.2	6.4	0.3	54	0.53	0.035
1095171	Soil	1.0	18.8	15.0	63	0.2	10.3	11.4	1110	3.25	6.4	1.6	6.2	3.2	33	0.2	0.6	0.2	47	0.50	0.061
1087062	Soil	0.8	41.6	6.1	74	0.1	18.9	20.2	609	5.12	6.7	0.4	3.3	2.6	10	0.1	0.4	0.1	117	0.26	0.053
1087051	Soil	0.4	17.8	4.0	69	<0.1	5.9	7.0	579	3.45	8.0	0.6	1.2	3.2	8	<0.1	1.7	0.1	32	0.14	0.039
1087066	Soil	0.6	16.9	6.2	65	<0.1	10.4	10.5	413	4.24	5.2	0.4	2.1	3.3	9	<0.1	0.4	0.1	94	0.10	0.026
1087067	Soil	0.7	22.6	6.2	65	<0.1	9.5	8.1	383	4.38	5.6	0.4	1.6	2.5	7	0.2	0.6	0.1	106	0.08	0.026
1087074	Soil	1.8	34.5	11.1	108	<0.1	11.9	15.1	387	7.35	12.6	0.6	<0.5	3.4	15	<0.1	9.1	0.1	90	0.08	0.043
1087057	Soil	1.0	12.8	8.3	60	<0.1	15.6	7.4	267	3.00	8.0	0.4	2.3	3.1	11	0.1	0.6	0.2	62	0.10	0.018
1087056	Soil	0.9	12.8	8.9	58	<0.1	9.9	6.7	369	3.26	5.8	0.4	0.9	2.4	9	0.2	0.5	0.2	70	0.12	0.038
1087054	Soil	0.7	17.3	5.9	62	<0.1	14.0	8.1	399	3.29	5.5	0.5	3.6	2.7	8	0.1	0.4	0.1	45	0.09	0.021
1087055	Soil	0.8	23.0	8.0	55	<0.1	19.4	7.9	269	3.01	8.5	0.6	3.5	3.9	13	0.2	0.5	0.1	56	0.11	0.025
1087052	Soil	1.1	13.3	8.3	64	0.1	13.5	6.9	268	3.48	11.4	0.4	1.5	3.0	9	0.3	0.7	0.2	61	0.09	0.032
1087080	Soil	0.7	57.4	4.7	83	<0.1	12.3	22.4	894	6.08	3.9	0.6	1.0	2.6	13	0.1	2.1	<0.1	159	0.34	0.055
1087081	Soil	0.5	26.0	7.6	56	<0.1	15.9	12.5	476	3.80	7.0	0.9	1.3	3.4	20	<0.1	1.1	0.1	84	0.31	0.040
1087073	Soil	1.3	18.2	10.5	55	0.2	11.7	7.5	332	3.55	38.2	0.5	3.0	2.8	11	0.2	13.0	0.2	70	0.09	0.028
1087061	Soil	1.0	14.3	9.9	48	<0.1	15.7	6.4	236	3.24	8.4	0.7	2.1	4.3	12	0.1	0.6	0.2	58	0.10	0.024
1087053	Soil	1.1	15.3	9.8	67	<0.1	13.3	8.0	386	3.78	15.6	0.4	5.1	1.8	8	0.2	0.5	0.1	56	0.06	0.032
1095975	Soil	1.0	17.0	9.3	45	<0.1	7.5	6.1	318	2.85	5.7	0.3	<0.5	2.0	8	0.2	0.4	0.2	82	0.08	0.027
1095982	Soil	0.6	33.4	8.0	60	<0.1	16.2	14.3	491	3.84	5.6	0.4	5.5	2.0	12	0.1	0.2	<0.1	75	0.13	0.018
1095976	Soil	0.8	30.1	9.1	58	<0.1	23.1	12.6	375	2.88	8.8	0.7	4.8	2.7	20	<0.1	0.2	0.1	63	0.21	0.020
1095978	Soil	0.8	38.5	8.1	68	<0.1	16.9	16.2	674	4.29	5.9	0.7	5.6	5.9	17	0.1	0.5	<0.1	88	0.25	0.035
1095979	Soil	0.8	55.9	3.5	74	<0.1	7.2	20.8	828	5.95	2.3	0.3	3.3	1.5	12	0.1	0.4	<0.1	135	0.28	0.063
1087069	Soil	0.3	38.7	2.3	103	<0.1	12.7	24.9	726	6.28	5.6	0.3	3.9	1.6	4	0.2	1.0	<0.1	170	0.11	0.030
1087072	Soil	2.2	100.0	8.5	85	<0.1	16.3	21.4	402	5.93	16.0	0.8	4.1	5.2	7	<0.1	8.7	<0.1	130	0.08	0.020
1087060	Soil	1.3	26.8	9.8	57	<0.1	18.3	9.1	415	3.15	13.7	0.8	4.4	3.6	26	0.1	2.6	<0.1	62	0.29	0.032
1087059	Soil	1.0	31.2	7.8	91	<0.1	10.9	13.9	725	5.36	9.6	0.5	4.3	2.7	7	0.1	3.4	<0.1	132	0.11	0.054
1095977	Soil	1.1	14.1	10.0	27	<0.1	8.5	5.6	174	2.69	6.1	0.5	5.8	2.9	12	0.2	0.5	0.1	84	0.11	0.017
1087064	Soil	0.6	13.4	9.0	48	<0.1	11.5	5.8	212	2.04	6.3	0.7	4.5	3.2	15	<0.1	0.6	<0.1	46	0.16	0.026
1087063	Soil	0.9	83.4	5.7	64	<0.1	19.8	19.2	921	4.80	5.7	0.7	4.6	3.1	14	0.2	0.3	<0.1	99	0.37	0.107

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1095168	Soil	15	19	0.37	482	0.035	<1	1.25	0.008	0.15	0.2	0.03	5.0	<0.1	<0.05	4	<0.5	<0.2
1095163	Soil	11	21	0.33	460	0.018	2	1.42	0.009	0.09	0.2	0.07	5.8	0.1	<0.05	4	<0.5	<0.2
1095171	Soil	18	18	0.46	493	0.038	2	1.57	0.012	0.18	0.1	0.07	6.6	0.2	0.05	5	<0.5	<0.2
1087062	Soil	11	37	0.97	355	0.136	1	2.51	0.019	0.23	0.1	0.01	7.8	0.1	<0.05	8	<0.5	<0.2
1087051	Soil	13	10	0.63	240	0.092	1	1.45	0.008	0.55	<0.1	0.09	4.9	0.2	<0.05	5	<0.5	<0.2
1087066	Soil	11	24	1.01	371	0.163	<1	2.27	0.009	0.59	0.1	0.01	9.2	0.2	<0.05	9	<0.5	<0.2
1087067	Soil	7	18	0.60	264	0.157	<1	2.13	0.008	0.31	<0.1	0.03	8.4	0.1	<0.05	9	<0.5	<0.2
1087074	Soil	11	29	0.59	890	0.041	1	2.98	0.006	0.36	<0.1	0.06	12.0	0.3	0.06	8	<0.5	<0.2
1087057	Soil	10	26	0.42	172	0.069	2	2.11	0.008	0.09	0.1	0.02	2.5	0.1	<0.05	7	<0.5	<0.2
1087056	Soil	10	20	0.51	111	0.103	<1	1.81	0.007	0.26	<0.1	0.02	3.2	0.1	<0.05	8	<0.5	<0.2
1087054	Soil	10	20	0.57	120	0.097	<1	1.87	0.007	0.31	0.1	0.02	4.2	0.1	<0.05	6	<0.5	<0.2
1087055	Soil	12	27	0.46	153	0.080	1	1.87	0.008	0.11	0.1	0.05	4.2	0.1	<0.05	5	<0.5	<0.2
1087052	Soil	11	25	0.41	132	0.077	1	2.26	0.007	0.12	0.1	0.02	3.0	0.1	<0.05	7	<0.5	<0.2
1087080	Soil	8	16	1.67	377	0.138	<1	2.28	0.012	0.55	<0.1	0.04	14.5	0.2	<0.05	8	<0.5	<0.2
1087081	Soil	15	26	0.83	437	0.101	<1	1.97	0.011	0.18	0.1	0.07	8.6	0.1	<0.05	6	<0.5	<0.2
1087073	Soil	9	23	0.26	342	0.044	1	1.86	0.012	0.08	<0.1	0.11	3.9	0.3	<0.05	6	<0.5	<0.2
1087061	Soil	12	29	0.36	252	0.057	2	2.20	0.008	0.08	0.1	0.03	3.7	0.1	<0.05	6	<0.5	<0.2
1087053	Soil	5	23	0.55	140	0.084	3	2.13	0.007	0.27	<0.1	0.05	4.7	<0.1	<0.05	8	0.6	<0.2
1095975	Soil	8	16	0.35	126	0.097	<1	1.43	0.009	0.10	<0.1	0.02	2.4	<0.1	<0.05	8	<0.5	<0.2
1095982	Soil	5	27	0.98	310	0.019	2	2.57	0.007	0.08	<0.1	0.03	7.7	<0.1	<0.05	5	1.0	<0.2
1095976	Soil	10	31	0.62	289	0.042	3	2.00	0.013	0.04	0.1	0.03	6.0	<0.1	<0.05	5	0.5	<0.2
1095978	Soil	14	26	0.91	622	0.083	3	2.29	0.012	0.26	0.2	0.02	8.4	<0.1	<0.05	7	<0.5	<0.2
1095979	Soil	6	14	1.27	275	0.036	2	2.77	0.007	0.13	<0.1	<0.01	13.5	<0.1	<0.05	8	<0.5	<0.2
1087069	Soil	5	24	1.79	413	0.255	2	2.89	0.017	0.86	<0.1	0.04	13.4	0.4	<0.05	10	0.7	<0.2
1087072	Soil	12	37	1.31	1004	0.156	1	3.68	0.009	0.73	0.1	0.05	11.4	0.3	<0.05	10	1.0	<0.2
1087060	Soil	13	31	0.52	589	0.053	2	1.87	0.010	0.10	0.1	0.36	6.7	<0.1	<0.05	6	0.7	<0.2
1087059	Soil	10	26	1.07	201	0.145	1	2.94	0.007	0.47	0.1	0.03	9.7	0.1	<0.05	10	<0.5	<0.2
1095977	Soil	10	20	0.26	125	0.074	1	1.60	0.010	0.05	0.1	0.03	2.9	<0.1	<0.05	8	<0.5	<0.2
1087064	Soil	15	19	0.39	331	0.053	2	1.14	0.009	0.05	0.1	0.05	2.9	<0.1	<0.05	4	0.5	<0.2
1087063	Soil	12	32	0.91	382	0.103	2	2.49	0.025	0.27	0.1	0.04	9.9	<0.1	<0.05	7	0.6	<0.2

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Project: CHA
Report Date: August 04, 2011

CERTIFICATE OF ANALYSIS WHI11000617.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1087068	Soil	1.6	27.6	10.7	74	<0.1	16.9	8.5	299	4.74	11.3	0.6	2.9	3.5	10	0.1	1.6	0.1	102	0.08	0.041
1087065	Soil	1.2	42.6	5.4	109	<0.1	4.7	7.8	538	4.96	4.9	0.8	3.7	2.6	25	<0.1	0.3	<0.1	149	0.17	0.050
1087070	Soil	1.4	34.0	8.3	90	<0.1	11.3	16.3	405	4.06	36.7	0.5	3.0	2.7	11	0.1	7.8	<0.1	132	0.21	0.047
1095973	Soil	0.6	54.2	6.0	75	<0.1	21.2	20.0	861	4.51	5.6	0.5	3.4	2.6	23	0.2	0.4	<0.1	123	0.36	0.057
1095969	Soil	0.9	28.1	7.9	70	<0.1	11.1	15.3	1094	4.64	4.7	0.2	4.2	1.5	18	0.2	0.4	<0.1	149	0.15	0.027
1095967	Soil	0.7	25.3	8.6	51	0.2	10.2	14.8	1221	4.00	3.0	0.3	3.1	1.7	20	0.2	0.4	0.1	130	0.30	0.024
1095983	Soil	0.6	57.5	6.7	159	0.1	22.8	24.2	914	6.05	2.6	0.8	3.2	3.6	23	0.1	0.3	<0.1	167	0.47	0.051
1095968	Soil	0.9	28.7	7.8	68	<0.1	11.0	16.1	1228	4.61	4.2	0.3	2.5	1.5	18	0.2	0.5	<0.1	148	0.18	0.029
1095981	Soil	0.7	33.6	8.3	61	<0.1	16.2	14.4	544	3.94	6.2	0.7	4.8	4.9	19	<0.1	0.4	<0.1	85	0.27	0.026
1095953	Soil	0.7	15.4	5.3	63	<0.1	8.3	6.8	493	3.20	4.9	0.5	5.6	3.0	9	<0.1	1.1	<0.1	39	0.08	0.024
1095958	Soil	1.3	29.4	8.9	67	<0.1	16.1	12.1	373	3.92	7.5	0.5	4.8	3.1	19	0.2	0.7	<0.1	93	0.20	0.017
1095951	Soil	1.3	18.4	10.2	62	<0.1	14.2	6.3	321	3.30	7.5	0.5	2.8	2.7	11	0.2	0.6	0.1	62	0.09	0.031
1095966	Soil	0.8	28.9	7.9	63	<0.1	18.4	17.0	733	4.45	6.1	0.7	3.8	3.6	19	<0.1	0.7	0.1	105	0.21	0.031
1095972	Soil	1.0	22.7	6.7	51	<0.1	9.1	11.6	503	3.98	4.5	0.5	4.9	2.3	19	<0.1	0.4	<0.1	76	0.30	0.037
1095980	Soil	0.4	73.8	3.9	69	<0.1	13.4	22.8	1326	6.52	4.0	0.5	2.4	2.5	21	<0.1	0.2	<0.1	196	0.38	0.065
1095974	Soil	0.7	28.9	8.4	52	<0.1	18.1	9.9	304	2.94	7.1	0.6	4.3	3.3	20	<0.1	0.5	<0.1	68	0.23	0.023
1095971	Soil	1.0	35.8	7.6	51	<0.1	16.2	13.5	350	4.26	7.0	0.3	2.3	2.1	13	0.2	0.5	<0.1	116	0.16	0.031
1095970	Soil	0.8	26.2	6.7	53	<0.1	13.9	15.6	620	5.16	8.3	0.3	4.3	2.0	13	0.1	0.6	<0.1	123	0.17	0.023
1095964	Soil	0.7	25.3	6.0	35	<0.1	6.6	9.3	442	3.05	4.2	0.4	2.8	1.5	16	<0.1	2.6	<0.1	80	0.22	0.032
1095952	Soil	0.9	11.9	6.4	58	<0.1	8.8	5.5	336	3.12	6.5	0.4	2.4	1.8	7	0.1	0.7	<0.1	48	0.07	0.029
1095960	Soil	0.9	24.1	4.5	60	<0.1	16.4	21.3	847	4.38	5.7	0.7	2.9	1.6	26	<0.1	7.5	<0.1	102	0.49	0.033
1095957	Soil	0.3	40.4	6.3	62	0.1	7.1	22.6	1314	5.61	57.5	0.2	5.8	1.1	20	0.1	14.9	<0.1	76	2.77	0.048
1095962	Soil	1.0	18.2	6.0	59	<0.1	8.6	12.4	637	5.48	5.3	0.2	0.7	1.4	7	<0.1	0.4	0.1	208	0.07	0.025
1095959	Soil	0.8	60.8	5.9	55	<0.1	17.8	14.7	334	3.98	8.9	0.4	2.2	2.3	14	0.1	0.6	0.1	91	0.18	0.028
1095965	Soil	0.4	25.9	3.6	81	<0.1	16.1	33.1	822	6.62	2.6	0.3	<0.5	1.5	14	<0.1	0.5	<0.1	184	0.20	0.032
1095955	Soil	0.4	10.0	5.0	10	<0.1	2.2	1.2	39	0.73	1.6	0.3	<0.5	<0.1	7	<0.1	0.2	<0.1	20	0.05	0.029
1095954	Soil	0.6	10.4	5.0	42	<0.1	8.3	4.3	182	2.11	4.9	0.3	<0.5	1.0	9	<0.1	0.5	0.1	41	0.07	0.022
1095961	Soil	0.6	27.3	6.9	50	<0.1	20.9	10.5	373	2.79	8.2	0.6	<0.5	3.4	21	<0.1	0.5	0.1	72	0.30	0.035
1095956	Soil	0.6	34.3	4.9	51	<0.1	7.6	11.6	554	4.22	16.2	0.3	<0.5	2.4	10	<0.1	15.2	<0.1	68	0.09	0.030
1095963	Soil	0.6	86.9	5.2	61	<0.1	16.1	21.1	646	5.11	4.4	0.4	2.4	2.2	17	0.1	0.5	0.1	142	0.24	0.031

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Project: CHA
Report Date: August 04, 2011

CERTIFICATE OF ANALYSIS WHI11000617.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1087068	Soil	10	37	0.66	155	0.137	2	2.52	0.008	0.24	0.2	0.04	5.1	<0.1	<0.05	9	0.6	0.2
1087065	Soil	12	21	1.48	476	0.154	2	3.02	0.026	0.55	<0.1	0.03	13.7	<0.1	0.11	10	0.7	<0.2
1087070	Soil	10	22	1.15	298	0.087	1	2.66	0.010	0.28	<0.1	0.04	8.7	<0.1	<0.05	10	<0.5	<0.2
1095973	Soil	9	32	1.60	1017	0.161	2	2.58	0.021	0.54	0.1	0.02	8.9	0.3	<0.05	8	<0.5	<0.2
1095969	Soil	5	24	0.98	196	0.197	2	2.43	0.017	0.19	<0.1	0.02	4.7	<0.1	<0.05	10	0.6	<0.2
1095967	Soil	6	23	0.87	348	0.186	1	2.08	0.027	0.13	<0.1	0.02	5.1	<0.1	<0.05	9	<0.5	<0.2
1095983	Soil	13	70	2.84	820	0.140	2	3.79	0.013	0.57	<0.1	0.03	21.6	0.1	<0.05	13	0.8	<0.2
1095968	Soil	5	23	1.03	206	0.200	2	2.42	0.019	0.23	<0.1	0.03	4.8	<0.1	<0.05	10	<0.5	<0.2
1095981	Soil	14	25	0.92	635	0.075	2	2.52	0.012	0.21	0.1	0.04	7.5	<0.1	<0.05	7	0.6	<0.2
1095953	Soil	10	15	0.65	201	0.100	1	1.93	0.008	0.38	0.1	0.04	4.2	<0.1	<0.05	7	0.9	<0.2
1095958	Soil	10	27	0.64	320	0.090	1	2.49	0.012	0.09	0.1	0.04	5.4	<0.1	<0.05	8	<0.5	<0.2
1095951	Soil	10	26	0.50	153	0.073	2	2.55	0.010	0.16	0.2	0.03	3.9	<0.1	<0.05	8	1.2	<0.2
1095966	Soil	11	32	1.01	404	0.111	2	2.66	0.012	0.29	0.1	0.02	10.4	0.2	<0.05	8	0.6	<0.2
1095972	Soil	9	13	0.87	500	0.017	4	2.47	0.009	0.11	<0.1	0.02	8.1	<0.1	<0.05	6	0.8	<0.2
1095980	Soil	9	22	2.49	1215	0.213	1	3.92	0.026	1.58	<0.1	0.04	19.9	0.6	<0.05	11	0.6	<0.2
1095974	Soil	12	29	0.63	206	0.075	1	2.00	0.019	0.05	0.1	0.03	4.3	<0.1	<0.05	6	<0.5	<0.2
1095971	Soil	7	28	0.98	151	0.156	2	2.50	0.014	0.14	0.1	0.03	4.8	<0.1	<0.05	9	0.5	<0.2
1095970	Soil	6	26	1.03	206	0.091	1	2.59	0.012	0.21	<0.1	0.02	7.7	<0.1	<0.05	8	0.8	<0.2
1095964	Soil	8	16	0.39	431	0.032	<1	1.56	0.014	0.08	<0.1	0.04	6.9	<0.1	<0.05	7	0.6	<0.2
1095952	Soil	9	18	0.51	98	0.089	<1	1.68	0.007	0.26	<0.1	0.03	3.6	<0.1	<0.05	8	0.9	<0.2
1095960	Soil	6	23	0.82	455	0.015	<1	2.70	0.010	0.07	0.3	0.03	10.8	<0.1	<0.05	6	0.5	<0.2
1095957	Soil	4	7	0.26	625	0.003	1	0.99	0.004	0.19	0.1	0.24	23.3	<0.1	<0.05	3	0.5	<0.2
1095962	Soil	6	21	1.24	278	0.245	<1	2.56	0.012	0.38	<0.1	0.02	10.9	0.3	<0.05	13	<0.5	<0.2
1095959	Soil	8	22	0.68	218	0.051	1	2.86	0.013	0.09	<0.1	0.03	6.6	<0.1	<0.05	7	<0.5	<0.2
1095965	Soil	3	32	1.96	287	0.050	<1	3.50	0.006	0.21	<0.1	0.02	17.0	0.1	<0.05	11	<0.5	<0.2
1095955	Soil	4	6	0.07	68	0.019	<1	0.58	0.013	0.04	<0.1	0.04	0.4	<0.1	0.06	3	<0.5	<0.2
1095954	Soil	9	13	0.36	89	0.066	1	1.33	0.009	0.14	<0.1	0.04	2.7	<0.1	0.05	6	<0.5	<0.2
1095961	Soil	13	31	0.55	306	0.071	2	1.93	0.013	0.06	0.1	0.03	6.2	<0.1	<0.05	5	<0.5	<0.2
1095956	Soil	7	17	0.26	186	0.007	<1	1.53	0.004	0.15	0.1	0.22	8.4	<0.1	0.07	4	<0.5	<0.2
1095963	Soil	5	21	1.14	336	0.076	2	2.55	0.019	0.19	<0.1	0.02	12.8	0.2	<0.05	8	<0.5	<0.2

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Project: CHA
Report Date: August 04, 2011

QUALITY CONTROL REPORT WHI11000617.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1035641	Soil	1.0	29.3	10.5	57	0.1	33.4	13.8	436	2.81	12.7	1.2	5.0	3.8	25	0.2	0.9	0.2	57	0.44	0.052
REP 1035641	QC	0.9	29.3	10.9	59	0.1	33.8	13.8	453	2.90	13.1	1.2	3.6	3.9	26	0.1	0.9	0.2	59	0.47	0.053
1087075	Soil	1.0	36.9	2.1	82	<0.1	6.1	17.4	1077	6.44	4.8	0.5	1.7	1.9	8	0.2	20.8	<0.1	99	0.13	0.043
REP 1087075	QC	0.9	38.3	2.0	84	<0.1	6.7	17.1	1059	6.58	4.6	0.5	2.4	1.9	8	0.1	20.5	<0.1	101	0.14	0.043
1095168	Soil	1.0	22.0	14.6	55	<0.1	12.1	8.9	335	3.33	12.4	1.1	4.9	4.0	18	0.1	1.3	0.2	49	0.25	0.043
REP 1095168	QC	1.1	22.1	14.3	54	<0.1	12.4	8.6	335	3.30	12.4	1.2	6.6	4.1	18	0.1	1.3	0.2	49	0.26	0.044
1095977	Soil	1.1	14.1	10.0	27	<0.1	8.5	5.6	174	2.69	6.1	0.5	5.8	2.9	12	0.2	0.5	0.1	84	0.11	0.017
REP 1095977	QC	1.2	14.6	10.3	27	<0.1	9.4	5.6	177	2.62	6.2	0.4	3.4	3.0	12	0.1	0.4	0.1	83	0.12	0.016
1095964	Soil	0.7	25.3	6.0	35	<0.1	6.6	9.3	442	3.05	4.2	0.4	2.8	1.5	16	<0.1	2.6	<0.1	80	0.22	0.032
REP 1095964	QC	0.8	25.5	6.2	36	<0.1	6.3	9.5	449	3.11	4.1	0.4	3.6	1.6	16	<0.1	2.9	<0.1	82	0.23	0.031
Reference Materials																					
STD DS8	Standard	13.6	121.9	138.1	325	1.8	42.7	8.3	630	2.59	27.3	2.7	155.6	6.3	60	2.4	5.7	6.6	44	0.66	0.082
STD DS8	Standard	13.3	122.3	135.5	327	1.9	42.4	8.2	626	2.55	28.3	2.7	120.7	6.2	60	2.5	5.4	6.6	44	0.66	0.083
STD DS8	Standard	13.4	108.3	126.0	308	1.6	37.2	7.9	618	2.51	26.3	2.6	96.8	6.5	64	2.5	5.5	5.9	42	0.67	0.079
STD DS8	Standard	13.9	107.8	129.0	315	1.8	38.1	7.4	637	2.71	26.3	2.7	100.3	7.0	67	2.1	5.5	6.0	42	0.72	0.077
STD DS8	Standard	13.3	101.2	104.3	286	1.7	33.5	6.8	574	2.34	25.9	2.3	106.0	5.9	61	2.0	5.1	5.5	40	0.66	0.074
STD DS8	Standard	13.5	106.6	108.7	299	1.7	37.7	7.5	626	2.46	25.9	2.4	105.1	6.3	63	2.2	5.1	6.0	41	0.69	0.078
STD DS8	Standard	12.1	99.1	120.1	295	1.7	34.2	7.1	592	2.40	25.4	2.7	106.9	7.0	66	2.3	5.8	6.7	38	0.68	0.080
STD DS8	Standard	12.5	98.3	118.1	287	1.6	34.9	7.1	570	2.26	25.5	2.8	96.3	6.8	66	2.0	5.7	6.6	38	0.67	0.079
STD DS8	Standard	13.3	102.1	125.6	299	1.4	36.1	7.0	595	2.49	26.0	2.8	98.8	7.5	65	2.2	5.7	6.0	41	0.71	0.076
STD DS8	Standard	12.8	101.0	129.1	295	1.5	34.8	7.1	597	2.44	25.9	2.9	96.4	7.5	66	2.0	5.6	6.2	41	0.68	0.077
STD DS8	Standard	13.6	114.0	126.9	313	1.8	39.1	7.6	622	2.51	27.6	2.9	111.3	6.9	69	2.2	5.8	7.0	43	0.67	0.079
STD DS8	Standard	14.3	113.7	125.0	322	1.8	38.0	7.8	610	2.50	28.1	2.8	138.1	6.7	68	2.2	6.1	6.8	44	0.70	0.079
STD DS8	Standard	12.6	108.4	121.2	297	1.7	35.1	7.0	584	2.36	26.1	2.9	116.4	7.4	68	2.3	5.7	6.7	41	0.67	0.077
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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

Project: CHA
Report Date: August 04, 2011

QUALITY CONTROL REPORT WHI11000617.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1035641	Soil	13	36	0.40	353	0.037	1	1.34	0.010	0.04	0.2	0.04	5.0	<0.1	<0.05	4	<0.5	<0.2
REP 1035641	QC	13	37	0.41	369	0.039	<1	1.41	0.010	0.04	0.3	0.04	5.4	<0.1	<0.05	4	<0.5	<0.2
1087075	Soil	9	9	0.49	1038	0.068	<1	1.18	0.006	0.50	<0.1	0.07	17.3	0.2	<0.05	4	<0.5	<0.2
REP 1087075	QC	9	10	0.50	1028	0.068	2	1.18	0.008	0.49	<0.1	0.07	16.8	0.2	<0.05	5	<0.5	<0.2
1095168	Soil	15	19	0.37	482	0.035	<1	1.25	0.008	0.15	0.2	0.03	5.0	<0.1	<0.05	4	<0.5	<0.2
REP 1095168	QC	14	19	0.39	479	0.033	2	1.26	0.009	0.14	0.2	0.03	4.7	<0.1	<0.05	4	<0.5	<0.2
1095977	Soil	10	20	0.26	125	0.074	1	1.60	0.010	0.05	0.1	0.03	2.9	<0.1	<0.05	8	<0.5	<0.2
REP 1095977	QC	10	20	0.26	125	0.070	2	1.60	0.010	0.05	0.1	0.03	3.0	<0.1	<0.05	9	<0.5	<0.2
1095964	Soil	8	16	0.39	431	0.032	<1	1.56	0.014	0.08	<0.1	0.04	6.9	<0.1	<0.05	7	0.6	<0.2
REP 1095964	QC	8	16	0.39	440	0.030	2	1.58	0.013	0.08	<0.1	0.05	7.0	<0.1	<0.05	7	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	13	122	0.62	283	0.108	2	0.89	0.084	0.43	3.1	0.21	2.0	5.4	0.15	5	5.5	5.1
STD DS8	Standard	12	124	0.63	276	0.107	4	0.90	0.084	0.43	3.0	0.23	2.0	5.5	0.18	4	5.8	5.1
STD DS8	Standard	14	113	0.55	261	0.115	4	0.91	0.070	0.40	2.9	0.21	2.1	5.2	0.10	5	5.5	4.2
STD DS8	Standard	17	119	0.55	277	0.122	3	0.93	0.083	0.44	3.0	0.21	2.4	5.4	0.11	5	6.2	5.3
STD DS8	Standard	14	112	0.50	264	0.113	3	0.89	0.088	0.39	2.7	0.20	2.2	4.7	0.19	4	5.5	4.8
STD DS8	Standard	15	115	0.52	270	0.108	3	0.90	0.091	0.40	2.7	0.20	1.9	5.1	0.16	4	5.7	4.6
STD DS8	Standard	14	110	0.58	262	0.112	2	0.89	0.091	0.39	2.9	0.17	1.9	5.2	0.13	4	4.8	4.5
STD DS8	Standard	14	105	0.58	274	0.111	2	0.89	0.088	0.40	3.2	0.18	1.9	5.2	0.12	4	4.7	4.9
STD DS8	Standard	16	112	0.60	273	0.119	3	0.95	0.093	0.39	3.1	0.16	2.8	5.2	0.10	5	4.8	5.5
STD DS8	Standard	16	109	0.58	289	0.116	3	0.96	0.090	0.39	3.1	0.20	3.1	5.3	0.12	5	5.8	5.8
STD DS8	Standard	14	123	0.61	274	0.126	3	0.89	0.081	0.42	2.9	0.20	2.1	5.7	0.17	4	5.9	5.0
STD DS8	Standard	15	122	0.60	287	0.131	2	0.89	0.083	0.42	2.9	0.21	2.0	5.2	0.18	5	5.1	5.0
STD DS8	Standard	16	111	0.60	280	0.118	2	0.88	0.084	0.41	2.8	0.20	2.1	5.3	0.13	5	4.7	5.1
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

Project: CHA
Report Date: August 04, 2011

QUALITY CONTROL REPORT WHI11000617.1

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

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Vancouver BC V6C 1H2 Canada

Project: CHA
Report Date: August 04, 2011

QUALITY CONTROL REPORT WHI11000617.1

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

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

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: July 29, 2011
Report Date: August 09, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS DAW11000078.1

CLIENT JOB INFORMATION

Project: ECH
Shipment ID: ECH2011-11
P.O. Number
Number of Samples: 317

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	317	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	317	Dry at 60C			WHI
1DX2	317	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Vancouver BC V6C 1H2 Canada

Project: ECH
Report Date: August 09, 2011

CERTIFICATE OF ANALYSIS DAW11000078.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1114109	Soil		0.7	17.6	22.3	69	0.4	19.0	5.9	160	3.07	9.1	22.6	2.8	2.5	20	0.2	0.4	1.9	60	0.28	0.110
1114105	Soil		0.3	21.0	18.0	59	0.1	15.8	6.1	235	2.60	9.8	46.0	2.3	5.3	14	0.1	0.5	2.4	48	0.21	0.073
1114108	Soil		1.1	21.2	23.0	79	0.1	21.9	7.6	320	3.46	10.7	12.9	2.9	3.8	12	0.1	0.5	1.8	67	0.14	0.052
1114110	Soil		0.3	12.8	14.0	48	<0.1	13.7	5.4	223	2.16	5.7	5.0	0.8	5.1	14	0.2	0.4	0.7	44	0.22	0.052
1114104	Soil		0.5	13.3	20.0	70	<0.1	14.9	7.5	464	2.48	7.0	14.9	1.9	4.3	13	0.2	0.4	3.5	41	0.20	0.079
1114107	Soil		0.8	17.1	11.1	55	<0.1	17.6	7.7	282	2.59	8.2	7.1	2.1	3.3	13	0.2	0.5	0.6	58	0.17	0.042
1114102	Soil		0.5	13.3	15.3	49	<0.1	11.5	4.6	260	1.71	4.6	6.7	1.9	1.1	12	0.2	0.3	1.3	36	0.16	0.054
1114106	Soil		0.7	13.7	21.0	64	<0.1	12.4	5.8	413	2.29	7.7	21.2	1.5	1.6	20	<0.1	0.5	2.2	48	0.37	0.107
1114101	Soil		0.2	5.5	27.9	51	<0.1	5.7	2.3	721	1.08	2.6	3.2	1.2	4.5	7	0.2	0.2	2.4	15	0.14	0.057
1114103	Soil		1.0	22.1	23.5	80	0.1	21.1	9.7	564	3.30	10.9	9.4	2.4	1.1	12	0.2	0.6	2.5	65	0.13	0.088
1114163	Soil		0.4	15.5	11.8	52	<0.1	18.6	8.7	327	2.77	3.7	6.3	1.2	15.8	19	<0.1	0.4	0.3	54	0.26	0.040
1114160	Soil		0.5	25.4	144.5	78	<0.1	22.8	12.2	331	3.49	5.3	5.1	1.7	13.8	17	<0.1	0.4	0.5	77	0.30	0.041
1114159	Soil		0.7	19.8	12.4	121	<0.1	25.0	12.2	539	3.66	8.1	4.0	7.8	16.3	15	0.3	0.5	0.4	65	0.20	0.041
1114161	Soil		0.9	9.7	18.4	55	<0.1	9.3	5.8	315	3.13	4.7	2.5	2.7	7.3	12	0.3	0.6	0.5	70	0.14	0.033
1114162	Soil		0.6	20.1	24.3	65	<0.1	20.2	8.3	365	2.85	6.8	8.3	3.3	15.5	18	0.1	0.7	0.3	52	0.21	0.035
1114166	Soil		0.5	18.0	14.4	52	<0.1	21.7	11.0	255	2.56	5.7	2.1	4.4	6.8	14	0.1	0.5	0.1	48	0.15	0.025
1114164	Soil		0.8	27.0	13.3	49	<0.1	20.4	10.1	234	2.99	5.5	2.9	2.1	4.2	15	0.1	1.0	0.2	66	0.29	0.081
1114165	Soil		1.3	13.8	12.1	44	<0.1	15.8	7.2	320	3.34	9.2	1.1	1.3	4.7	10	0.2	0.5	0.2	86	0.10	0.026
1114156	Soil		0.2	19.8	15.5	48	<0.1	16.5	7.1	130	2.13	4.6	70.3	3.3	5.2	24	0.2	0.5	0.5	50	0.33	0.063
1114158	Soil		0.8	21.6	14.3	71	<0.1	24.9	12.0	448	2.98	8.5	3.2	5.1	9.3	14	0.3	0.5	0.2	58	0.18	0.036
1114115	Soil		0.7	10.5	20.2	42	<0.1	12.6	5.2	166	2.45	6.0	1.3	1.1	4.3	10	0.1	0.3	0.4	51	0.13	0.037
1114154	Soil		1.0	14.4	13.9	46	<0.1	18.1	8.2	270	3.01	8.2	1.0	9.0	4.0	12	0.2	0.5	0.4	67	0.13	0.027
1114153	Soil		0.7	21.5	11.7	62	<0.1	25.9	11.6	449	2.74	8.1	1.6	1.6	4.8	15	0.2	0.5	0.5	56	0.18	0.030
1114150	Soil		0.2	8.5	25.7	61	<0.1	8.9	4.0	113	1.76	3.2	6.3	2.5	8.6	13	0.1	0.3	0.5	34	0.18	0.035
1114152	Soil		1.0	14.9	16.9	53	<0.1	16.6	6.5	259	2.39	6.2	2.2	1.8	3.6	13	0.2	0.4	0.5	53	0.14	0.031
1114155	Soil		0.4	22.2	15.4	68	<0.1	21.4	8.7	194	2.69	5.3	8.6	5.7	5.1	24	0.2	0.5	0.3	59	0.35	0.061
1114111	Soil		0.4	15.0	24.6	61	<0.1	16.0	7.6	509	2.42	5.2	5.5	2.9	6.3	16	<0.1	0.4	0.5	43	0.26	0.068
1114112	Soil		0.4	14.7	12.8	18	0.3	4.7	0.7	52	0.45	0.5	36.6	2.3	0.2	20	0.2	0.2	0.3	5	0.31	0.151
1114151	Soil		0.3	5.0	22.7	49	<0.1	7.9	3.4	138	1.34	2.0	4.5	2.0	6.6	12	<0.1	0.3	0.6	29	0.19	0.046
1114113	Soil		0.2	6.8	32.0	30	<0.1	4.7	1.4	46	0.93	2.1	17.1	<0.5	14.5	12	<0.1	0.3	0.7	19	0.11	0.032

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

Project: ECH
Report Date: August 09, 2011

CERTIFICATE OF ANALYSIS DAW11000078.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1114109	Soil		12	38	0.37	189	0.036	2	2.58	0.009	0.12	0.3	0.14	4.6	0.4	0.09	8	0.6	<0.2
1114105	Soil		16	27	0.44	132	0.053	3	1.93	0.010	0.09	0.2	0.06	4.8	0.2	<0.05	6	<0.5	<0.2
1114108	Soil		12	33	0.52	159	0.051	3	3.00	0.010	0.10	0.2	0.03	3.9	0.3	<0.05	9	<0.5	<0.2
1114110	Soil		12	23	0.41	100	0.066	2	1.78	0.009	0.09	0.1	0.02	2.5	0.2	<0.05	5	<0.5	<0.2
1114104	Soil		12	23	0.41	84	0.046	1	1.80	0.008	0.11	0.1	0.03	2.5	0.3	<0.05	6	<0.5	<0.2
1114107	Soil		14	27	0.49	113	0.079	2	1.96	0.009	0.09	0.1	0.04	3.0	0.2	<0.05	6	0.6	<0.2
1114102	Soil		11	19	0.30	65	0.028	2	1.55	0.008	0.06	<0.1	0.04	1.7	0.2	<0.05	5	<0.5	<0.2
1114106	Soil		10	25	0.37	124	0.043	2	1.49	0.009	0.10	0.2	0.04	2.7	0.2	0.07	6	<0.5	<0.2
1114101	Soil		11	9	0.16	59	0.010	2	1.05	0.006	0.06	0.1	0.02	1.3	0.2	<0.05	3	<0.5	<0.2
1114103	Soil		10	35	0.48	141	0.046	3	2.53	0.010	0.10	0.2	0.04	3.0	0.2	0.06	8	<0.5	<0.2
1114163	Soil		34	34	0.65	192	0.119	2	1.87	0.012	0.29	0.3	0.04	5.8	0.5	<0.05	8	<0.5	<0.2
1114160	Soil		44	32	0.88	142	0.141	3	2.59	0.017	0.36	0.3	0.03	7.2	0.5	<0.05	11	<0.5	<0.2
1114159	Soil		33	37	0.64	122	0.104	6	2.52	0.015	0.21	0.3	0.04	4.7	0.3	<0.05	10	0.6	<0.2
1114161	Soil		14	21	0.31	93	0.093	3	1.36	0.008	0.18	0.3	0.04	2.8	0.5	<0.05	10	<0.5	<0.2
1114162	Soil		37	30	0.51	140	0.078	2	1.95	0.010	0.12	0.3	0.06	4.6	0.3	<0.05	7	<0.5	<0.2
1114166	Soil		13	36	0.49	91	0.094	2	2.38	0.011	0.11	0.3	0.04	3.4	0.2	<0.05	5	<0.5	<0.2
1114164	Soil		15	44	0.72	136	0.104	3	2.28	0.014	0.24	0.2	0.05	4.1	0.3	<0.05	8	<0.5	<0.2
1114165	Soil		11	30	0.36	88	0.113	1	2.12	0.008	0.07	0.1	0.07	2.7	0.2	<0.05	10	<0.5	<0.2
1114156	Soil		16	31	0.47	158	0.071	2	2.07	0.015	0.07	0.2	0.07	4.6	0.2	<0.05	6	<0.5	<0.2
1114158	Soil		19	33	0.59	105	0.081	2	2.43	0.012	0.10	0.2	0.03	3.5	0.2	<0.05	6	<0.5	<0.2
1114115	Soil		12	24	0.37	63	0.065	2	2.20	0.008	0.07	0.2	0.07	2.4	0.2	<0.05	6	<0.5	<0.2
1114154	Soil		11	29	0.39	89	0.084	1	1.99	0.011	0.05	0.2	0.05	2.7	0.1	<0.05	6	<0.5	<0.2
1114153	Soil		11	31	0.58	120	0.092	2	2.30	0.014	0.08	0.1	0.03	3.5	0.1	<0.05	5	<0.5	<0.2
1114150	Soil		18	19	0.29	71	0.062	2	1.30	0.010	0.10	0.1	0.03	2.8	0.3	<0.05	4	<0.5	<0.2
1114152	Soil		12	24	0.37	83	0.062	1	1.67	0.010	0.07	0.2	0.04	2.2	0.1	<0.05	5	<0.5	<0.2
1114155	Soil		14	33	0.46	138	0.092	2	1.65	0.017	0.07	0.2	0.03	4.5	0.1	<0.05	5	<0.5	<0.2
1114111	Soil		14	26	0.45	114	0.055	2	1.89	0.010	0.13	0.2	0.02	3.1	0.2	<0.05	5	<0.5	<0.2
1114112	Soil		9	13	0.06	85	0.005	1	0.76	0.009	0.04	<0.1	0.23	0.7	0.2	0.19	2	0.6	<0.2
1114151	Soil		16	16	0.28	65	0.046	1	1.18	0.008	0.10	<0.1	0.02	2.2	0.3	<0.05	4	<0.5	<0.2
1114113	Soil		31	11	0.11	58	0.006	<1	0.91	0.005	0.09	<0.1	0.04	2.0	0.2	<0.05	3	<0.5	<0.2

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Project: ECH
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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1114114	Soil	0.7	11.2	22.1	66	<0.1	13.9	7.5	403	2.59	5.1	5.0	1.7	6.8	12	0.1	0.3	0.4	50	0.21	0.060
1114157	Soil	1.5	28.0	16.2	109	<0.1	53.2	13.5	402	4.14	5.3	5.2	2.3	10.3	25	0.1	0.5	0.5	81	0.46	0.097
1115977	Soil	0.5	6.8	18.1	25	<0.1	5.0	2.2	67	0.96	3.0	0.5	1.3	0.8	10	<0.1	0.2	<0.1	21	0.11	0.037
1115999	Soil	1.0	32.2	16.6	90	<0.1	42.3	11.3	368	4.51	12.5	1.8	1.9	11.0	28	<0.1	0.1	0.3	44	0.15	0.054
1115997	Soil	0.7	18.7	13.0	73	<0.1	22.8	16.1	604	4.36	3.9	2.1	0.8	11.3	23	<0.1	0.2	0.3	86	0.37	0.053
1115973	Soil	1.8	20.3	20.3	54	<0.1	21.1	12.0	392	3.75	5.2	2.3	1.1	14.0	8	0.2	0.4	2.5	42	0.09	0.057
1115998	Soil	1.2	22.0	17.2	62	<0.1	27.0	13.6	394	3.75	5.4	0.9	0.8	9.5	14	<0.1	0.3	0.3	73	0.17	0.034
1115801	Soil	1.0	18.0	13.3	67	<0.1	29.5	12.3	597	2.90	4.6	2.1	0.9	12.0	21	0.1	0.3	0.4	57	0.28	0.052
1116000	Soil	1.2	13.1	14.8	45	<0.1	15.6	7.1	240	2.72	6.2	0.8	1.4	6.4	13	<0.1	0.4	0.3	58	0.13	0.023
1115976	Soil	1.3	27.3	16.0	79	<0.1	27.8	13.7	446	3.42	7.2	1.3	2.2	6.8	18	0.2	0.4	0.4	67	0.21	0.040
1115979	Soil	1.1	30.6	11.4	56	<0.1	25.1	14.6	458	3.45	9.5	1.6	2.5	8.4	20	<0.1	0.5	0.2	72	0.17	0.036
1115982	Soil	1.2	22.1	10.4	48	<0.1	25.3	13.9	401	3.04	8.4	0.7	1.6	7.5	15	0.2	0.6	0.2	70	0.14	0.037
1115984	Soil	0.9	11.2	12.7	30	<0.1	11.1	5.2	166	2.38	4.2	0.6	2.5	6.5	10	<0.1	0.4	0.2	64	0.09	0.025
1115983	Soil	1.7	13.7	15.9	37	<0.1	14.1	5.8	176	3.05	7.6	0.6	2.3	7.1	8	0.1	0.5	0.3	80	0.09	0.032
1115981	Soil	1.1	34.4	10.8	51	<0.1	19.0	9.8	282	2.93	8.2	1.2	2.8	10.4	16	0.1	0.5	0.2	75	0.13	0.025
1115980	Soil	1.0	17.2	10.6	50	<0.1	21.0	11.5	372	3.14	4.6	1.0	1.2	12.7	11	0.2	0.3	0.2	56	0.16	0.039
1115978	Soil	1.0	17.4	12.7	53	<0.1	21.3	12.7	340	3.34	6.0	0.9	1.4	7.6	11	0.2	0.4	0.4	68	0.13	0.039
1115975	Soil	2.2	39.8	97.5	179	0.2	36.3	10.5	326	2.88	4.0	1.7	1.0	8.1	24	0.4	0.3	0.4	76	0.33	0.073
1115974	Soil	1.7	9.6	18.1	37	<0.1	10.7	4.9	202	1.87	5.0	0.7	2.4	4.1	10	<0.1	0.4	0.5	47	0.10	0.032
1115995	Soil	1.0	21.1	12.3	56	<0.1	28.3	13.5	321	4.52	6.2	1.2	0.5	7.2	9	0.1	0.2	0.4	86	0.10	0.024
1115993	Soil	1.1	30.0	10.9	75	<0.1	34.0	16.2	392	3.70	15.2	1.3	2.1	9.4	18	0.2	0.3	0.2	63	0.15	0.029
1115992	Soil	0.7	32.3	12.7	70	<0.1	36.1	17.8	403	3.97	9.4	1.5	1.5	13.2	17	0.1	0.4	0.3	62	0.14	0.027
1115987	Soil	0.4	5.1	3.7	14	<0.1	3.6	1.9	50	0.82	<0.5	0.3	1.1	1.7	7	<0.1	0.1	<0.1	20	0.05	0.014
1115988	Soil	0.8	21.7	8.2	59	<0.1	24.6	11.8	414	3.02	4.1	1.6	1.9	12.6	22	<0.1	0.3	0.2	64	0.30	0.045
1115994	Soil	0.8	28.9	11.4	73	<0.1	37.1	13.3	298	4.00	6.5	1.4	1.5	10.9	13	<0.1	0.2	0.3	55	0.12	0.027
1115996	Soil	0.7	18.4	10.6	78	<0.1	16.4	15.0	602	4.74	3.2	1.4	1.4	10.0	21	<0.1	0.2	0.2	101	0.33	0.072
1115991	Soil	0.9	23.5	12.4	92	<0.1	26.3	12.0	360	4.60	9.6	2.0	1.9	16.9	13	<0.1	0.3	0.3	60	0.12	0.026
1115989	Soil	1.0	21.2	9.8	64	<0.1	26.7	11.9	344	3.77	7.0	1.6	1.6	11.5	16	0.1	0.4	0.3	77	0.17	0.025
1115986	Soil	1.3	19.9	13.0	64	<0.1	26.0	10.8	387	3.29	7.0	0.8	0.9	6.0	16	0.2	0.4	0.3	71	0.21	0.063
1115990	Soil	0.8	28.2	12.2	65	<0.1	28.7	12.6	399	3.70	9.1	1.8	2.4	16.2	18	0.1	0.4	0.2	63	0.18	0.024

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1114114	Soil		19	24	0.49	81	0.086	1	1.56	0.009	0.18	0.1	0.02	3.1	0.3	<0.05	6	<0.5	<0.2
1114157	Soil		43	111	1.23	151	0.145	3	2.76	0.018	0.51	0.2	0.02	7.8	0.6	<0.05	11	<0.5	<0.2
1115977	Soil		14	8	0.11	53	0.033	2	0.64	0.021	0.04	<0.1	0.02	0.7	<0.1	<0.05	3	<0.5	<0.2
1115999	Soil		33	42	0.68	143	0.109	1	2.09	0.010	0.55	<0.1	0.01	4.4	0.5	0.15	8	<0.5	<0.2
1115997	Soil		33	57	0.98	177	0.167	3	2.14	0.016	0.55	0.1	0.02	11.4	0.4	<0.05	9	<0.5	<0.2
1115973	Soil		11	28	0.18	74	0.026	2	2.93	0.006	0.08	0.2	0.04	3.4	0.1	<0.05	5	0.6	<0.2
1115998	Soil		33	42	0.79	158	0.133	2	2.42	0.010	0.38	0.2	0.02	5.4	0.3	<0.05	9	<0.5	<0.2
1115801	Soil		51	54	0.63	157	0.102	2	1.61	0.015	0.22	0.3	0.02	5.2	0.3	<0.05	6	<0.5	<0.2
1116000	Soil		18	27	0.38	113	0.090	1	1.84	0.010	0.11	0.2	0.02	2.9	0.2	<0.05	7	<0.5	<0.2
1115976	Soil		28	37	0.59	212	0.078	1	2.32	0.011	0.12	0.2	0.03	4.5	0.2	<0.05	6	<0.5	<0.2
1115979	Soil		46	39	0.56	200	0.144	1	3.05	0.017	0.06	0.1	0.08	9.1	0.1	<0.05	7	<0.5	<0.2
1115982	Soil		10	40	0.45	163	0.088	2	3.26	0.013	0.05	0.1	0.04	3.8	0.1	<0.05	6	<0.5	<0.2
1115984	Soil		14	24	0.33	88	0.088	<1	1.89	0.007	0.08	<0.1	0.05	2.4	0.2	<0.05	10	<0.5	<0.2
1115983	Soil		8	25	0.31	70	0.094	2	1.80	0.007	0.09	0.1	0.03	2.5	0.2	<0.05	10	<0.5	<0.2
1115981	Soil		28	36	0.42	198	0.083	<1	2.38	0.010	0.05	0.1	0.05	4.8	0.1	<0.05	7	0.6	<0.2
1115980	Soil		18	28	0.56	131	0.086	<1	2.19	0.009	0.15	0.2	0.03	3.5	0.2	<0.05	7	<0.5	<0.2
1115978	Soil		13	39	0.67	117	0.118	<1	2.83	0.010	0.23	18.6	0.03	4.3	0.2	<0.05	8	0.5	<0.2
1115975	Soil		26	35	0.66	242	0.096	<1	1.61	0.015	0.17	0.2	0.03	4.2	0.3	<0.05	5	0.6	<0.2
1115974	Soil		13	17	0.17	74	0.054	<1	0.86	0.009	0.07	0.2	0.03	1.5	<0.1	<0.05	5	<0.5	<0.2
1115995	Soil		10	97	1.11	145	0.182	<1	3.30	0.010	0.37	0.2	0.02	5.7	0.3	<0.05	12	<0.5	<0.2
1115993	Soil		15	44	0.88	240	0.155	<1	3.02	0.012	0.40	<0.1	0.02	4.3	0.4	<0.05	8	<0.5	<0.2
1115992	Soil		19	43	0.72	171	0.122	<1	2.86	0.014	0.35	0.1	0.03	5.0	0.4	<0.05	8	<0.5	<0.2
1115987	Soil		6	7	0.11	36	0.042	1	0.71	0.021	0.03	<0.1	0.02	1.0	<0.1	<0.05	3	<0.5	<0.2
1115988	Soil		38	43	0.74	174	0.144	<1	1.96	0.014	0.29	0.2	0.03	5.5	0.4	<0.05	7	<0.5	<0.2
1115994	Soil		24	44	0.74	168	0.127	<1	2.55	0.009	0.46	<0.1	0.02	4.1	0.4	<0.05	8	<0.5	<0.2
1115996	Soil		23	36	0.94	148	0.237	<1	2.80	0.016	0.82	0.2	0.03	9.5	0.5	<0.05	11	<0.5	<0.2
1115991	Soil		28	35	0.57	103	0.111	<1	2.09	0.008	0.37	0.1	0.02	5.7	0.5	<0.05	8	<0.5	<0.2
1115989	Soil		24	41	0.73	155	0.140	<1	3.00	0.012	0.21	0.3	0.02	4.8	0.3	<0.05	9	<0.5	<0.2
1115986	Soil		16	41	0.65	129	0.112	<1	2.09	0.012	0.16	0.2	0.03	3.4	0.2	<0.05	8	<0.5	<0.2
1115990	Soil		38	38	0.61	192	0.104	1	2.53	0.012	0.22	0.1	0.04	5.5	0.3	<0.05	7	<0.5	<0.2

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Client: **Ryan Gold Corp.**
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Project: ECH
Report Date: August 09, 2011

CERTIFICATE OF ANALYSIS DAW11000078.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1115985	Soil		2.2	69.4	60.2	132	<0.1	59.2	15.1	322	4.22	4.9	4.3	1.0	11.1	9	0.3	0.2	0.7	143	0.22	0.085
1115356	Soil		1.5	15.2	9.5	51	<0.1	19.6	11.5	376	4.29	6.8	2.0	1.2	5.6	8	0.1	0.4	0.3	96	0.15	0.029
1115364	Soil		0.7	21.3	9.4	49	<0.1	19.3	9.7	279	3.22	6.6	1.6	1.6	6.5	13	0.2	0.4	0.2	62	0.19	0.043
1115365	Soil		0.8	16.6	9.5	60	<0.1	20.6	9.0	224	2.74	5.3	0.8	1.9	2.2	11	0.2	0.4	0.2	61	0.14	0.040
1115363	Soil		0.6	28.2	9.1	61	0.1	26.7	11.6	330	3.14	5.6	4.2	2.6	7.6	17	<0.1	0.3	0.2	70	0.22	0.033
1115366	Soil		0.8	42.0	3.6	48	<0.1	20.4	20.9	428	3.34	1.4	0.8	<0.5	5.8	11	<0.1	0.1	0.1	83	0.50	0.156
1115367	Soil		0.7	18.6	13.9	62	<0.1	22.2	10.6	444	2.59	6.3	1.5	1.4	3.7	13	0.2	0.4	1.8	57	0.14	0.025
1115362	Soil		1.0	13.3	9.7	42	<0.1	11.1	5.4	231	2.90	4.0	1.1	1.0	3.8	10	<0.1	0.4	0.3	75	0.10	0.022
1115361	Soil		0.9	14.2	9.6	40	<0.1	11.8	6.8	244	2.81	4.2	1.7	1.8	6.1	8	<0.1	0.3	0.2	65	0.10	0.027
1115360	Soil		0.7	21.6	8.7	55	<0.1	21.0	14.0	452	2.93	6.0	3.5	3.3	9.0	12	0.1	0.3	0.2	61	0.23	0.070
1115359	Soil		0.9	23.0	7.8	51	<0.1	22.0	12.8	316	3.52	7.0	1.5	<0.5	5.5	11	0.1	0.4	0.2	79	0.20	0.053
1115358	Soil		0.4	22.4	6.3	53	<0.1	22.7	14.2	372	3.34	4.5	2.3	3.4	7.2	12	<0.1	0.2	0.2	78	0.28	0.072
1115357	Soil		0.8	23.3	7.4	56	<0.1	26.5	16.6	459	3.47	7.2	1.6	1.1	6.6	13	0.1	0.4	0.2	78	0.24	0.055
1115369	Soil		0.8	20.3	12.1	48	<0.1	20.1	12.6	571	2.79	7.9	2.0	4.9	3.1	17	0.1	0.4	0.2	69	0.17	0.053
1115371	Soil		0.4	18.9	9.9	42	<0.1	17.3	6.8	254	2.01	5.3	1.3	3.5	3.5	22	<0.1	0.4	0.1	50	0.29	0.046
1115370	Soil		0.6	25.1	11.0	58	<0.1	18.2	6.3	295	2.25	6.4	3.5	1.9	2.1	16	0.2	0.4	0.3	51	0.18	0.044
1115372	Soil		0.7	12.4	14.8	40	<0.1	12.7	6.0	301	2.00	5.7	1.1	<0.5	2.9	11	0.1	0.4	0.2	49	0.12	0.025
1115373	Soil		0.5	21.7	21.3	59	<0.1	15.0	7.8	431	2.21	5.7	3.3	1.9	2.7	21	0.2	0.4	0.3	49	0.26	0.047
1115382	Soil		0.7	20.1	12.5	61	<0.1	17.7	9.6	392	2.72	5.4	4.0	0.8	8.9	19	<0.1	0.4	0.2	58	0.23	0.050
1115383	Soil		0.8	26.8	13.0	61	<0.1	20.4	8.9	338	2.67	6.8	3.7	<0.5	8.0	25	<0.1	0.5	0.2	60	0.34	0.060
1115381	Soil		0.8	19.4	15.6	58	<0.1	21.7	11.5	407	3.07	8.9	2.6	0.9	7.3	17	<0.1	0.5	0.2	67	0.22	0.046
1115375	Soil		1.0	14.7	27.8	49	<0.1	16.9	8.0	295	2.66	7.6	1.0	<0.5	3.6	15	0.2	0.5	0.3	70	0.16	0.015
1115374	Soil		0.5	23.5	16.9	56	<0.1	19.0	7.0	267	2.29	5.4	3.3	1.6	4.3	23	<0.1	0.5	0.3	52	0.29	0.049
1115376	Soil		0.5	11.1	20.0	54	<0.1	12.7	6.8	314	2.34	5.2	2.5	<0.5	8.8	13	0.1	0.4	0.3	44	0.20	0.041
1115377	Soil		0.8	14.3	14.8	58	<0.1	15.2	8.3	434	2.56	5.9	5.8	<0.5	12.1	14	<0.1	0.5	0.2	44	0.21	0.053
1115368	Soil		0.7	16.6	12.0	51	<0.1	21.4	9.5	637	2.30	5.9	1.5	2.7	2.9	17	0.2	0.3	0.4	58	0.18	0.039
1115378	Soil		0.9	15.1	33.3	62	<0.1	14.5	6.3	268	2.58	7.3	5.0	<0.5	6.5	16	0.1	0.6	0.2	56	0.20	0.025
1115379	Soil		0.7	12.0	21.3	60	<0.1	16.9	8.5	297	2.46	6.7	5.8	<0.5	8.9	16	0.1	0.7	0.2	47	0.19	0.037
1115385	Soil		0.7	19.5	11.7	60	<0.1	18.1	8.6	270	2.68	6.4	1.6	0.7	6.1	21	<0.1	0.3	0.2	55	0.27	0.054
1115386	Soil		0.7	16.7	14.6	60	<0.1	16.8	7.9	236	2.53	6.4	1.4	<0.5	5.6	21	<0.1	0.3	0.2	57	0.27	0.050

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Project: ECH
Report Date: August 09, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1115985	Soil		23	72	1.19	204	0.167	1	3.23	0.008	0.69	0.2	0.02	7.6	1.0	<0.05	10	0.9	<0.2
1115356	Soil		10	43	0.79	144	0.138	3	2.42	0.009	0.29	0.1	0.03	6.6	0.4	<0.05	11	<0.5	<0.2
1115364	Soil		15	32	0.59	109	0.101	<1	2.23	0.010	0.12	0.2	0.06	3.7	0.2	<0.05	7	<0.5	<0.2
1115365	Soil		9	28	0.37	117	0.080	1	2.31	0.008	0.05	0.2	0.06	2.7	0.1	<0.05	7	<0.5	<0.2
1115363	Soil		30	42	0.80	206	0.142	<1	2.46	0.012	0.13	0.2	0.05	5.5	0.3	<0.05	7	<0.5	<0.2
1115366	Soil		18	35	1.11	208	0.225	<1	1.82	0.023	0.55	2.7	0.02	3.5	0.3	<0.05	7	<0.5	<0.2
1115367	Soil		9	32	0.45	141	0.086	<1	2.35	0.009	0.06	0.2	0.05	3.4	0.1	<0.05	6	<0.5	<0.2
1115362	Soil		9	21	0.34	69	0.157	<1	1.43	0.009	0.09	0.2	0.02	2.5	0.2	<0.05	10	<0.5	<0.2
1115361	Soil		13	24	0.34	54	0.123	3	1.63	0.010	0.08	0.3	0.03	2.6	0.2	<0.05	7	<0.5	<0.2
1115360	Soil		23	29	0.63	119	0.123	2	2.00	0.011	0.18	0.4	0.01	3.9	0.2	<0.05	6	0.6	<0.2
1115359	Soil		16	40	0.71	145	0.158	2	2.17	0.010	0.19	1.1	0.02	3.9	0.2	<0.05	7	<0.5	<0.2
1115358	Soil		23	43	0.97	180	0.157	3	2.07	0.011	0.23	0.5	0.01	4.5	0.3	<0.05	8	<0.5	<0.2
1115357	Soil		16	41	0.87	178	0.137	3	2.24	0.010	0.24	0.4	0.02	4.8	0.3	<0.05	7	<0.5	<0.2
1115369	Soil		11	32	0.47	206	0.093	2	1.92	0.017	0.07	0.2	0.02	2.6	0.2	<0.05	7	<0.5	<0.2
1115371	Soil		12	28	0.48	147	0.086	2	1.37	0.011	0.05	0.1	0.02	3.3	<0.1	<0.05	4	<0.5	<0.2
1115370	Soil		7	27	0.38	134	0.078	2	1.70	0.017	0.09	0.2	0.02	2.8	0.1	<0.05	5	<0.5	<0.2
1115372	Soil		8	20	0.28	68	0.070	2	1.21	0.010	0.05	0.1	0.02	1.8	<0.1	<0.05	4	<0.5	<0.2
1115373	Soil		12	28	0.35	129	0.049	3	1.56	0.011	0.06	0.1	0.03	3.3	0.2	<0.05	4	<0.5	<0.2
1115382	Soil		23	33	0.52	132	0.101	2	1.82	0.010	0.12	0.2	0.01	4.4	0.3	<0.05	6	<0.5	<0.2
1115383	Soil		22	35	0.53	197	0.121	3	1.72	0.014	0.11	0.3	0.03	5.4	0.2	<0.05	6	<0.5	<0.2
1115381	Soil		15	35	0.54	152	0.097	2	2.36	0.009	0.10	0.2	0.03	4.3	0.2	<0.05	7	<0.5	<0.2
1115375	Soil		9	30	0.40	105	0.094	3	1.75	0.009	0.07	0.1	<0.01	2.4	0.1	<0.05	7	<0.5	<0.2
1115374	Soil		14	32	0.45	181	0.066	11	1.63	0.012	0.06	0.2	0.02	4.1	0.2	<0.05	5	<0.5	<0.2
1115376	Soil		16	23	0.31	93	0.059	3	1.61	0.007	0.10	0.2	<0.01	2.7	0.3	<0.05	6	<0.5	<0.2
1115377	Soil		24	23	0.37	107	0.073	3	1.50	0.008	0.16	0.2	<0.01	3.0	0.3	<0.05	5	<0.5	<0.2
1115368	Soil		9	39	0.54	130	0.104	3	1.80	0.016	0.10	0.2	0.02	2.6	0.2	<0.05	5	<0.5	<0.2
1115378	Soil		14	25	0.38	104	0.050	2	1.67	0.008	0.08	0.1	<0.01	2.8	0.2	<0.05	6	<0.5	<0.2
1115379	Soil		17	31	0.46	83	0.066	3	1.26	0.007	0.10	0.1	0.01	2.9	0.3	<0.05	5	<0.5	<0.2
1115385	Soil		15	29	0.51	154	0.099	2	1.87	0.011	0.12	0.2	0.03	3.4	0.2	<0.05	6	<0.5	<0.2
1115386	Soil		14	30	0.51	143	0.106	1	1.91	0.010	0.10	0.1	0.02	3.2	0.2	<0.05	6	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1115387	Soil		0.4	13.8	17.8	66	<0.1	13.3	10.1	503	2.52	2.3	2.1	<0.5	14.1	9	<0.1	0.2	0.3	39	0.18	0.056
1115384	Soil		0.7	25.9	15.2	58	0.1	20.5	8.9	289	2.73	6.6	3.3	3.1	5.8	28	<0.1	0.5	0.2	61	0.36	0.063
1115380	Soil		0.9	17.4	23.5	62	<0.1	23.6	11.4	349	3.02	8.4	2.8	2.6	5.7	17	0.1	0.6	0.2	60	0.18	0.038
1115576	Soil		0.7	19.6	10.0	61	<0.1	18.7	7.0	312	2.24	7.0	3.6	1.7	3.4	18	0.1	0.5	1.3	53	0.25	0.064
1115573	Soil		0.6	15.0	12.4	47	<0.1	14.1	4.9	145	2.03	5.8	11.3	2.3	0.5	13	0.1	0.4	1.6	54	0.15	0.052
1115571	Soil		0.6	11.4	10.8	50	<0.1	12.7	7.2	393	1.91	5.2	3.0	1.9	1.4	12	0.2	0.3	1.6	44	0.15	0.050
1115569	Soil		0.6	16.2	9.2	54	<0.1	16.0	6.5	283	2.11	6.0	2.9	1.8	2.0	14	0.2	0.4	1.0	49	0.18	0.049
1115566	Soil		0.6	11.6	12.0	53	<0.1	13.3	7.8	525	1.89	4.6	11.3	2.3	2.4	17	0.1	0.3	1.2	44	0.20	0.062
1115561	Soil		0.7	13.9	11.1	61	<0.1	16.5	8.9	519	2.02	5.7	4.3	2.4	3.5	18	0.1	0.4	1.1	49	0.24	0.059
1115575	Soil		0.6	18.1	9.2	55	<0.1	17.7	7.2	279	1.93	5.5	3.8	1.8	4.6	16	0.3	0.4	1.0	49	0.25	0.067
1115574	Soil		0.5	18.6	7.6	55	<0.1	18.4	7.5	311	1.95	5.4	2.9	2.2	4.2	16	0.2	0.4	1.1	49	0.26	0.071
1115572	Soil		0.5	16.3	12.1	57	<0.1	16.4	6.7	297	1.94	5.4	4.3	3.7	3.8	16	0.2	0.4	2.0	47	0.25	0.061
1115553	Soil		0.6	14.8	12.0	62	<0.1	17.3	7.3	386	2.06	6.4	6.7	1.3	2.3	21	0.1	0.4	1.7	52	0.28	0.064
1115557	Soil		0.6	13.8	18.9	68	<0.1	17.6	8.7	388	2.15	6.6	7.5	3.3	3.5	17	0.2	0.4	1.1	52	0.23	0.061
1115579	Soil		0.7	12.6	14.6	77	<0.1	17.6	7.1	290	2.29	6.5	4.5	0.5	3.6	24	0.4	0.4	1.7	50	0.33	0.081
1115565	Soil		0.4	10.4	11.4	56	<0.1	13.4	6.1	234	2.19	5.2	7.6	0.6	2.7	19	<0.1	0.4	1.2	47	0.22	0.070
1115551	Soil		0.8	13.0	19.4	87	0.1	18.9	9.2	478	2.88	8.1	5.8	1.8	3.5	25	0.4	0.5	2.7	58	0.27	0.053
1115564	Soil		0.8	12.3	15.0	70	<0.1	14.4	7.1	464	2.21	5.8	6.7	1.8	2.5	21	0.2	0.4	1.6	49	0.24	0.063
1115578	Soil		0.6	18.6	10.8	67	<0.1	19.1	8.4	398	2.51	7.2	5.2	4.1	4.1	19	0.2	0.4	1.0	55	0.28	0.078
1115580	Soil		0.9	17.7	13.4	72	<0.1	16.2	9.2	345	2.87	8.7	5.6	<0.5	3.3	21	0.1	0.5	1.8	64	0.20	0.059
1115577	Soil		0.6	16.0	11.3	57	<0.1	15.1	6.6	156	1.97	4.8	11.4	1.8	2.2	17	0.1	0.4	1.5	51	0.18	0.043
1115570	Soil		0.9	16.6	11.2	55	<0.1	15.5	13.1	996	2.44	7.1	6.2	2.1	1.1	15	<0.1	0.5	1.2	53	0.16	0.060
1115568	Soil		0.6	13.7	11.9	54	<0.1	15.8	6.6	224	2.14	5.7	14.0	1.1	1.9	19	0.1	0.4	1.5	48	0.24	0.061
1115567	Soil		0.5	11.1	7.6	41	<0.1	9.5	4.9	299	1.52	3.1	50.8	2.7	0.5	18	0.1	0.2	0.6	28	0.18	0.057
1115562	Soil		0.8	15.2	13.6	63	0.1	16.6	7.5	237	2.35	6.9	8.5	1.4	2.4	21	0.1	0.4	1.4	53	0.23	0.070
1115559	Soil		0.7	12.8	13.4	66	0.1	14.4	8.2	620	2.17	5.8	9.3	<0.5	2.6	25	0.2	0.4	1.1	47	0.32	0.066
1115560	Soil		0.2	5.1	1.9	23	<0.1	1.8	2.4	103	0.97	1.4	0.4	<0.5	0.2	13	<0.1	<0.1	<0.1	23	0.13	0.038
1115558	Soil		0.6	12.1	11.4	50	<0.1	11.0	7.1	413	2.11	5.8	16.0	1.2	2.1	20	0.2	0.3	1.0	44	0.17	0.046
1115556	Soil		0.3	8.5	14.5	76	<0.1	13.0	5.8	380	1.84	4.7	5.1	1.1	5.1	20	0.4	0.4	1.0	38	0.30	0.068
1115552	Soil		1.0	21.9	18.7	81	0.2	20.8	10.5	732	3.05	11.0	17.8	2.5	1.8	38	<0.1	0.5	3.0	62	0.43	0.083

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

Project: ECH
Report Date: August 09, 2011

CERTIFICATE OF ANALYSIS DAW11000078.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1115387	Soil	23	23	0.51	79	0.067	<1	1.56	0.008	0.18	0.2	<0.01	2.6	0.2	<0.05	7	<0.5	<0.2
1115384	Soil	20	35	0.50	221	0.099	3	1.84	0.020	0.08	0.2	0.02	4.8	0.2	<0.05	6	<0.5	<0.2
1115380	Soil	13	34	0.46	147	0.068	3	2.26	0.011	0.11	0.1	0.02	3.3	0.2	<0.05	6	<0.5	<0.2
1115576	Soil	12	28	0.47	177	0.082	2	1.61	0.012	0.08	0.3	0.03	3.5	0.1	<0.05	5	<0.5	<0.2
1115573	Soil	9	27	0.39	125	0.049	2	1.58	0.034	0.07	0.1	0.03	1.7	0.2	<0.05	6	0.6	<0.2
1115571	Soil	8	23	0.35	92	0.053	2	1.40	0.008	0.05	0.1	0.01	1.8	0.1	<0.05	4	<0.5	<0.2
1115569	Soil	10	27	0.43	100	0.066	1	1.56	0.008	0.05	0.1	0.03	2.3	0.1	<0.05	5	<0.5	<0.2
1115566	Soil	11	23	0.33	135	0.057	2	1.59	0.012	0.06	0.2	0.04	2.4	0.2	<0.05	5	<0.5	<0.2
1115561	Soil	11	23	0.34	118	0.069	2	1.32	0.011	0.07	0.1	0.03	2.2	0.1	<0.05	4	<0.5	<0.2
1115575	Soil	12	26	0.48	147	0.085	2	1.39	0.010	0.09	0.3	0.01	3.0	0.1	<0.05	4	<0.5	<0.2
1115574	Soil	11	24	0.41	137	0.080	2	1.36	0.011	0.08	0.2	0.01	2.5	0.1	<0.05	4	<0.5	<0.2
1115572	Soil	12	26	0.42	134	0.079	1	1.39	0.013	0.07	0.2	0.04	2.7	0.1	<0.05	4	<0.5	<0.2
1115553	Soil	10	24	0.41	148	0.061	2	1.51	0.013	0.06	0.2	0.05	2.6	0.2	0.05	5	<0.5	<0.2
1115557	Soil	11	27	0.46	135	0.067	2	1.71	0.010	0.06	0.2	0.04	3.0	0.2	<0.05	5	<0.5	<0.2
1115579	Soil	13	27	0.51	196	0.074	2	1.56	0.012	0.11	0.3	0.02	2.9	0.2	<0.05	5	<0.5	<0.2
1115565	Soil	10	26	0.42	116	0.057	1	1.60	0.012	0.06	0.1	0.02	2.5	0.2	<0.05	5	<0.5	<0.2
1115551	Soil	11	29	0.48	186	0.061	2	2.06	0.013	0.08	0.2	0.04	3.1	0.2	<0.05	7	<0.5	<0.2
1115564	Soil	10	25	0.37	130	0.053	2	1.55	0.012	0.06	0.2	0.04	2.5	0.2	<0.05	5	0.5	<0.2
1115578	Soil	14	29	0.53	177	0.082	1	1.75	0.011	0.10	0.2	0.01	3.4	0.1	<0.05	6	<0.5	<0.2
1115580	Soil	14	29	0.49	248	0.078	1	1.86	0.013	0.10	0.2	0.03	3.6	0.2	<0.05	8	<0.5	<0.2
1115577	Soil	21	26	0.46	215	0.058	2	1.73	0.012	0.06	0.2	0.01	2.9	0.2	<0.05	6	<0.5	<0.2
1115570	Soil	9	28	0.44	136	0.048	1	1.86	0.013	0.05	0.1	0.03	2.7	0.2	<0.05	6	<0.5	<0.2
1115568	Soil	12	25	0.39	143	0.056	1	1.68	0.009	0.06	0.1	0.03	2.6	0.1	<0.05	5	<0.5	<0.2
1115567	Soil	12	17	0.29	112	0.036	2	1.58	0.019	0.04	0.1	0.01	1.5	0.1	<0.05	4	<0.5	<0.2
1115562	Soil	14	26	0.43	162	0.062	2	1.85	0.014	0.07	0.2	0.05	3.3	0.2	<0.05	6	<0.5	<0.2
1115559	Soil	12	24	0.39	147	0.051	1	1.59	0.014	0.06	0.1	0.03	2.9	0.2	<0.05	5	<0.5	<0.2
1115560	Soil	2	4	0.09	18	0.043	<1	0.44	0.027	0.03	<0.1	<0.01	0.4	<0.1	<0.05	2	<0.5	<0.2
1115558	Soil	9	18	0.28	154	0.047	1	1.54	0.019	0.05	0.1	0.02	2.5	0.1	<0.05	5	<0.5	<0.2
1115556	Soil	13	20	0.34	102	0.056	2	1.24	0.012	0.06	0.1	0.02	2.1	0.1	<0.05	4	<0.5	<0.2
1115552	Soil	13	29	0.48	234	0.054	2	2.36	0.023	0.08	0.2	0.05	3.8	0.2	<0.05	7	<0.5	<0.2

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Project: ECH
Report Date: August 09, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1115554	Soil		0.3	6.7	2.5	26	<0.1	2.1	2.3	108	1.05	2.0	0.3	<0.5	0.2	11	<0.1	<0.1	<0.1	26	0.10	0.034
1115555	Soil		0.6	11.2	15.8	92	<0.1	16.0	7.1	397	2.23	5.5	3.4	5.9	4.1	24	0.3	0.4	1.1	46	0.35	0.064
1115583	Soil		0.8	15.7	12.3	60	0.1	12.8	10.2	803	2.30	5.4	3.6	3.3	1.5	18	0.3	0.3	0.8	54	0.19	0.055
1115584	Soil		0.8	15.5	12.6	59	0.1	13.3	9.9	749	2.27	5.4	3.6	5.6	1.5	18	0.2	0.4	0.7	53	0.20	0.055
1115563	Soil		0.7	11.3	14.2	86	<0.1	16.8	9.4	682	2.63	7.9	4.5	2.9	4.5	27	0.3	0.4	1.4	55	0.32	0.069
1115581	Soil		1.0	13.5	10.0	55	0.2	13.8	7.6	339	2.45	6.4	2.8	0.9	3.1	23	0.4	0.3	1.0	58	0.21	0.037
1115432	Soil		1.0	17.7	24.2	109	<0.1	40.0	24.3	1210	7.00	12.2	4.2	<0.5	13.2	303	<0.1	0.3	1.3	38	4.23	0.089
1115413	Soil		0.9	16.3	19.3	53	<0.1	20.0	8.0	243	2.86	7.8	1.2	2.2	6.6	18	0.2	0.4	0.4	49	0.24	0.053
1115406	Soil		0.5	19.5	11.4	65	0.1	19.0	7.1	200	2.55	7.0	2.3	2.4	4.1	31	0.1	0.5	0.5	55	0.37	0.056
1115429	Soil		1.1	19.7	24.3	57	<0.1	17.2	9.3	283	3.34	10.1	1.1	2.1	9.0	19	0.2	0.8	0.3	59	0.12	0.041
1115419	Soil		1.0	22.0	10.5	57	<0.1	24.1	14.0	425	3.62	8.0	1.3	1.7	13.5	27	0.1	0.4	0.4	62	0.21	0.036
1115431	Soil		1.4	26.5	14.0	53	<0.1	22.6	12.7	492	3.36	9.7	2.1	4.0	9.0	26	0.2	0.7	0.2	68	0.22	0.055
1115416	Soil		0.6	14.0	14.8	48	<0.1	15.0	9.8	424	2.45	7.0	1.4	1.1	5.2	37	<0.1	0.4	0.5	40	0.22	0.044
1115423	Soil		1.3	27.9	16.3	72	<0.1	26.0	11.0	397	3.41	6.6	2.2	3.0	15.9	26	<0.1	0.4	1.7	69	0.34	0.053
1115414	Soil		0.7	23.6	26.2	88	<0.1	24.6	12.2	530	3.31	11.2	4.0	2.0	12.9	14	0.1	0.3	0.7	31	0.17	0.059
1115425	Soil		1.1	34.6	13.5	73	0.1	30.8	13.7	340	3.41	11.3	1.3	2.8	6.7	22	0.3	0.7	0.2	70	0.19	0.031
1115433	Soil		1.0	20.3	22.8	120	<0.1	33.2	19.6	861	5.31	11.5	5.0	0.5	18.6	133	<0.1	0.1	0.9	23	2.75	0.082
1115434	Soil		1.2	12.6	11.3	35	<0.1	10.9	5.7	239	2.77	7.2	0.5	1.8	3.8	14	0.1	0.4	0.3	73	0.10	0.023
1115417	Soil		0.7	6.0	17.3	42	<0.1	5.9	3.6	244	1.89	4.7	0.9	<0.5	4.1	12	<0.1	0.2	1.5	28	0.08	0.028
1115430	Soil		1.3	19.9	22.9	75	<0.1	16.2	10.0	507	3.35	10.7	3.1	0.8	20.4	27	0.2	0.4	0.8	37	0.19	0.074
1115427	Soil		1.2	13.8	22.2	62	<0.1	12.8	10.2	530	2.51	5.8	2.3	2.5	14.8	13	0.2	0.3	0.8	32	0.14	0.055
1115424	Soil		1.4	14.6	16.6	66	<0.1	15.0	5.7	221	2.22	3.0	0.7	1.5	3.5	9	0.1	0.3	1.6	53	0.09	0.037
1115415	Soil		0.9	10.3	20.7	30	<0.1	8.9	4.1	222	2.79	6.2	1.1	1.2	3.4	12	0.1	0.3	1.0	65	0.10	0.026
1115422	Soil		1.1	16.7	10.1	51	<0.1	19.1	9.5	407	3.12	3.0	1.9	1.9	19.2	19	<0.1	0.3	0.4	51	0.26	0.049
1115404	Soil		0.7	22.6	12.4	49	0.3	18.8	7.7	347	2.15	5.2	4.1	2.4	1.6	18	0.2	0.5	0.7	44	0.19	0.060
1115410	Soil		0.7	8.4	16.8	42	<0.1	10.6	5.6	282	1.83	4.2	2.1	1.6	5.5	16	0.1	0.3	0.9	32	0.22	0.053
1115408	Soil		0.7	16.6	13.8	49	0.1	16.7	6.2	152	2.33	6.7	2.3	2.3	2.1	25	0.2	0.3	0.5	53	0.29	0.059
1115412	Soil		0.7	10.5	33.0	47	<0.1	13.3	8.0	537	2.16	5.9	1.6	2.7	4.4	15	0.1	0.3	0.8	42	0.19	0.055
1115428	Soil		1.2	16.4	28.9	92	<0.1	17.2	12.2	518	2.86	9.2	2.6	0.7	15.4	17	0.5	0.4	0.7	34	0.12	0.053
1115407	Soil		0.4	13.2	12.2	52	<0.1	14.5	5.5	130	2.04	5.0	2.1	3.1	2.7	20	0.1	0.4	0.5	50	0.26	0.051

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1115554	Soil		2	5	0.08	25	0.046	<1	0.57	0.024	0.02	<0.1	0.01	0.5	<0.1	<0.05	3	<0.5	<0.2
1115555	Soil		13	24	0.47	137	0.068	2	1.52	0.014	0.07	0.1	0.02	2.6	0.2	<0.05	5	<0.5	<0.2
1115583	Soil		12	24	0.43	248	0.073	1	1.63	0.014	0.10	0.2	0.03	3.0	0.2	<0.05	7	<0.5	<0.2
1115584	Soil		12	24	0.42	245	0.075	2	1.60	0.014	0.10	0.1	0.02	2.9	0.2	<0.05	7	0.6	<0.2
1115563	Soil		15	27	0.48	154	0.071	2	1.69	0.012	0.09	0.2	0.04	2.6	0.2	<0.05	6	<0.5	<0.2
1115581	Soil		12	25	0.43	254	0.092	1	1.69	0.012	0.10	0.2	0.03	2.8	0.2	<0.05	7	<0.5	<0.2
1115432	Soil		34	43	0.22	167	0.004	7	0.74	0.004	0.33	0.2	<0.01	13.5	0.2	<0.05	2	<0.5	<0.2
1115413	Soil		20	26	0.42	141	0.049	<1	2.14	0.010	0.09	0.1	0.03	3.0	0.1	<0.05	6	<0.5	<0.2
1115406	Soil		14	30	0.52	212	0.086	2	1.88	0.018	0.06	0.1	0.04	4.1	0.1	<0.05	5	<0.5	<0.2
1115429	Soil		16	28	0.31	155	0.037	3	3.04	0.011	0.09	0.1	0.05	3.0	0.2	<0.05	7	<0.5	<0.2
1115419	Soil		26	37	0.54	238	0.061	<1	2.74	0.012	0.10	0.1	0.03	5.0	0.1	<0.05	6	<0.5	<0.2
1115431	Soil		35	38	0.47	227	0.100	2	3.11	0.019	0.06	0.1	0.05	6.9	0.1	<0.05	6	<0.5	<0.2
1115416	Soil		13	19	0.30	124	0.031	<1	1.28	0.010	0.09	0.1	0.02	3.0	<0.1	<0.05	3	<0.5	<0.2
1115423	Soil		73	42	0.79	229	0.106	1	2.31	0.014	0.15	0.4	0.04	6.2	0.2	<0.05	7	0.5	<0.2
1115414	Soil		41	18	0.22	117	0.019	<1	1.02	0.006	0.09	0.1	0.02	3.0	0.1	<0.05	3	<0.5	<0.2
1115425	Soil		24	38	0.60	214	0.083	2	3.00	0.015	0.08	0.1	0.05	5.1	0.1	<0.05	6	<0.5	<0.2
1115433	Soil		40	27	0.40	115	0.002	4	0.58	0.006	0.25	0.2	0.01	8.2	0.1	<0.05	1	<0.5	<0.2
1115434	Soil		10	21	0.23	121	0.058	<1	1.76	0.013	0.04	<0.1	0.03	2.0	0.1	<0.05	8	<0.5	<0.2
1115417	Soil		13	12	0.13	54	0.017	<1	0.72	0.013	0.05	0.4	0.02	1.6	<0.1	<0.05	3	<0.5	<0.2
1115430	Soil		41	20	0.23	148	0.024	2	1.43	0.008	0.09	0.1	<0.01	2.9	<0.1	<0.05	4	<0.5	<0.2
1115427	Soil		34	16	0.19	100	0.018	1	0.84	0.006	0.07	0.1	0.02	2.0	<0.1	<0.05	3	<0.5	<0.2
1115424	Soil		13	23	0.38	83	0.054	1	1.43	0.015	0.09	0.1	0.03	2.0	0.1	<0.05	6	<0.5	<0.2
1115415	Soil		10	19	0.19	69	0.040	<1	1.61	0.008	0.04	0.1	0.02	2.0	0.1	<0.05	8	<0.5	<0.2
1115422	Soil		78	26	0.57	162	0.080	<1	1.41	0.013	0.13	0.5	0.02	3.7	0.2	<0.05	5	0.5	<0.2
1115404	Soil		11	23	0.32	198	0.042	1	1.83	0.018	0.05	0.1	0.06	3.4	0.1	<0.05	5	0.7	<0.2
1115410	Soil		11	18	0.24	109	0.022	<1	1.12	0.008	0.07	0.1	0.02	2.1	<0.1	<0.05	3	<0.5	<0.2
1115408	Soil		11	28	0.38	183	0.056	2	1.91	0.015	0.05	0.1	0.05	2.9	0.1	<0.05	6	<0.5	<0.2
1115412	Soil		10	20	0.30	84	0.042	1	1.44	0.008	0.07	0.1	0.02	1.8	0.1	<0.05	4	<0.5	<0.2
1115428	Soil		53	18	0.20	110	0.025	<1	0.91	0.010	0.06	0.2	0.02	2.0	<0.1	<0.05	3	<0.5	<0.2
1115407	Soil		11	26	0.37	158	0.058	1	1.59	0.013	0.05	0.1	0.05	2.8	0.1	<0.05	5	<0.5	<0.2

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

Project: ECH
Report Date: August 09, 2011

CERTIFICATE OF ANALYSIS DAW11000078.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1115411	Soil	0.7	15.7	25.3	53	0.1	18.0	8.3	320	2.27	4.7	3.3	2.1	5.4	22	0.2	0.4	0.7	49	0.30	0.053
1115401	Soil	0.8	13.7	16.6	56	<0.1	18.0	6.8	321	2.63	6.7	1.3	2.0	3.0	13	0.1	0.4	1.0	59	0.14	0.029
1115426	Soil	1.2	19.7	13.8	50	<0.1	21.2	11.9	397	3.23	8.7	1.3	1.8	6.0	18	0.2	0.5	0.3	67	0.17	0.040
1115421	Soil	1.2	18.8	13.1	53	<0.1	23.6	11.2	299	3.34	8.0	0.7	2.5	10.9	13	0.1	0.5	0.5	67	0.16	0.038
1115418	Soil	1.1	31.0	20.3	81	0.2	28.4	15.6	488	4.02	13.0	2.6	2.5	13.6	28	0.2	0.3	0.6	48	0.36	0.055
1115402	Soil	0.8	18.8	20.3	69	<0.1	18.5	7.3	424	2.21	5.0	4.9	3.5	4.9	21	0.1	0.4	1.1	50	0.29	0.053
1115409	Soil	0.7	13.4	13.4	42	0.1	12.0	5.3	157	2.11	5.8	1.7	1.9	1.2	20	0.1	0.3	0.5	46	0.22	0.055
1115405	Soil	0.7	26.7	17.5	66	0.1	23.7	8.0	324	2.55	7.1	2.8	4.4	4.8	31	0.2	0.6	0.7	59	0.39	0.056
1115420	Soil	1.6	15.5	19.8	65	<0.1	19.1	10.2	511	3.32	4.6	2.2	1.4	11.3	20	0.2	0.3	1.2	44	0.23	0.064
1115403	Soil	0.9	16.9	20.1	61	<0.1	16.9	9.2	665	2.22	6.3	3.6	1.3	2.4	20	0.2	0.4	1.1	50	0.25	0.054
1114138	Soil	1.5	14.0	16.0	61	0.2	12.0	10.7	742	2.56	6.0	2.0	0.7	0.9	16	0.3	0.3	0.3	55	0.15	0.087
1114141	Soil	0.8	17.9	12.9	74	0.1	22.9	10.7	543	3.09	4.8	2.2	2.6	3.2	17	0.1	0.3	0.3	57	0.22	0.065
1114144	Soil	0.6	12.3	8.6	50	<0.1	14.2	7.8	359	2.16	5.5	1.6	1.9	1.6	16	<0.1	0.3	0.3	41	0.17	0.044
1114140	Soil	1.1	16.3	13.0	76	<0.1	19.4	11.5	1210	2.92	5.9	5.1	15.1	1.6	23	0.1	0.2	0.5	55	0.22	0.063
1114119	Soil	0.7	16.4	12.8	49	<0.1	16.6	7.5	306	2.34	5.9	1.6	2.5	2.5	14	0.2	0.4	0.3	56	0.18	0.045
1114117	Soil	0.6	19.9	16.5	68	<0.1	21.8	10.3	556	2.90	5.9	4.0	4.2	4.2	12	0.2	0.4	0.3	61	0.23	0.078
1114137	Soil	0.8	7.9	10.9	35	<0.1	6.9	3.6	257	1.68	3.6	0.9	0.8	1.0	14	0.2	0.2	0.2	38	0.13	0.031
1114145	Soil	0.6	14.8	12.1	72	<0.1	20.1	7.6	213	2.62	7.4	1.4	1.9	3.4	18	0.2	0.3	0.4	56	0.22	0.060
1114139	Soil	1.1	12.9	13.9	64	<0.1	15.5	7.0	371	2.40	5.9	1.9	3.0	0.9	25	0.2	0.3	0.3	51	0.24	0.058
1114142	Soil	0.6	19.9	10.5	69	<0.1	21.1	9.6	290	2.86	6.0	1.9	30.6	5.1	14	0.1	0.3	0.3	50	0.21	0.059
1114126	Soil	0.5	11.2	9.5	58	<0.1	15.2	5.6	195	2.29	5.6	1.2	2.3	2.6	17	0.1	0.3	0.2	53	0.26	0.059
1114143	Soil	0.5	15.6	12.2	62	<0.1	19.0	8.6	281	2.34	6.8	2.2	2.1	3.9	17	0.1	0.3	0.3	52	0.23	0.058
1114129	Soil	1.0	11.0	8.7	42	<0.1	9.1	4.9	338	1.93	4.6	1.3	1.2	1.0	14	0.1	0.4	0.2	50	0.14	0.042
1114128	Soil	1.1	12.2	11.2	61	<0.1	11.7	15.5	1604	2.54	6.4	1.4	1.3	1.4	17	0.2	0.3	0.3	60	0.19	0.055
1114116	Soil	0.4	9.7	13.9	46	<0.1	9.3	4.5	234	1.98	3.7	3.4	0.5	4.3	7	0.1	0.2	0.2	39	0.10	0.036
1114121	Soil	0.8	20.4	10.7	56	<0.1	17.9	10.2	693	2.27	5.1	2.1	2.3	1.7	17	0.2	0.4	0.2	56	0.20	0.063
1114120	Soil	0.8	21.0	12.8	62	<0.1	21.3	9.9	442	3.34	8.7	3.6	2.3	3.3	15	0.2	0.4	0.4	64	0.20	0.066
1114019	Soil	0.6	17.2	10.6	67	<0.1	20.3	8.9	402	2.69	6.4	1.3	4.5	3.0	12	0.2	0.4	0.3	57	0.18	0.056
1114124	Soil	0.4	12.2	9.3	52	<0.1	15.2	8.9	437	2.28	6.5	3.3	2.7	3.3	19	0.1	0.4	0.3	54	0.26	0.063
1114127	Soil	0.5	10.6	8.6	57	<0.1	14.5	5.8	202	2.23	5.5	1.3	4.1	2.4	16	0.1	0.3	0.2	49	0.24	0.063

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Project: ECH
Report Date: August 09, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1115411	Soil	14	29	0.42	158	0.053	1	1.79	0.011	0.07	0.1	0.03	3.1	0.1	<0.05	5	<0.5	<0.2
1115401	Soil	8	25	0.37	92	0.067	1	1.63	0.010	0.05	0.2	0.02	1.9	0.1	<0.05	6	<0.5	<0.2
1115426	Soil	19	34	0.45	168	0.069	2	2.31	0.013	0.07	0.1	0.04	4.2	0.1	<0.05	6	0.5	<0.2
1115421	Soil	16	34	0.62	157	0.074	2	2.84	0.010	0.09	0.2	0.02	3.3	0.1	<0.05	7	<0.5	<0.2
1115418	Soil	41	28	0.30	312	0.014	<1	1.54	0.010	0.13	0.2	0.05	7.3	0.2	<0.05	4	<0.5	<0.2
1115402	Soil	14	26	0.41	149	0.071	<1	1.38	0.020	0.07	0.2	0.03	3.0	0.1	<0.05	4	<0.5	<0.2
1115409	Soil	9	24	0.31	132	0.038	<1	1.75	0.011	0.05	0.1	0.05	2.0	0.1	<0.05	5	<0.5	<0.2
1115405	Soil	15	33	0.51	243	0.087	<1	1.74	0.020	0.06	0.1	0.04	4.5	0.1	<0.05	5	<0.5	<0.2
1115420	Soil	44	25	0.36	138	0.042	<1	1.10	0.012	0.10	0.1	0.01	2.9	0.1	<0.05	4	<0.5	<0.2
1115403	Soil	11	25	0.35	150	0.056	1	1.42	0.011	0.07	0.1	0.03	2.3	0.1	<0.05	5	<0.5	<0.2
1114138	Soil	8	25	0.41	104	0.066	1	1.68	0.012	0.08	0.3	0.03	1.7	0.2	0.06	7	<0.5	<0.2
1114141	Soil	12	36	0.66	180	0.139	<1	2.06	0.010	0.40	0.2	0.04	3.3	0.4	<0.05	7	<0.5	<0.2
1114144	Soil	8	25	0.46	124	0.094	<1	1.50	0.014	0.15	0.1	0.03	2.3	0.3	<0.05	6	0.5	<0.2
1114140	Soil	12	30	0.52	188	0.089	1	2.01	0.010	0.15	1.0	0.03	3.0	0.3	0.06	7	0.5	<0.2
1114119	Soil	11	24	0.46	107	0.084	1	1.66	0.011	0.09	0.2	0.04	2.4	0.2	<0.05	6	<0.5	<0.2
1114117	Soil	14	33	0.63	155	0.104	2	2.19	0.011	0.26	0.6	0.03	3.7	0.3	<0.05	7	<0.5	<0.2
1114137	Soil	6	14	0.20	71	0.065	<1	0.89	0.016	0.06	0.2	0.02	1.1	<0.1	<0.05	5	<0.5	<0.2
1114145	Soil	11	34	0.59	147	0.111	1	2.20	0.009	0.15	0.2	0.04	3.0	0.3	<0.05	7	<0.5	<0.2
1114139	Soil	8	26	0.46	131	0.077	1	1.77	0.012	0.11	0.3	0.05	2.0	0.2	0.07	7	<0.5	<0.2
1114142	Soil	15	32	0.64	133	0.138	<1	1.97	0.010	0.34	0.2	0.02	3.0	0.4	<0.05	7	<0.5	<0.2
1114126	Soil	11	25	0.51	109	0.089	<1	1.70	0.009	0.09	0.3	0.02	2.4	0.1	<0.05	6	<0.5	<0.2
1114143	Soil	12	31	0.62	150	0.123	<1	1.90	0.009	0.21	0.2	0.03	3.1	0.3	<0.05	6	<0.5	<0.2
1114129	Soil	8	18	0.28	89	0.074	<1	1.11	0.015	0.06	0.3	0.03	1.5	0.1	<0.05	6	<0.5	<0.2
1114128	Soil	9	23	0.40	145	0.080	1	1.28	0.010	0.06	0.3	0.02	1.8	0.2	<0.05	7	<0.5	<0.2
1114116	Soil	11	16	0.32	74	0.070	1	1.17	0.008	0.15	0.3	0.03	1.8	0.3	<0.05	6	<0.5	<0.2
1114121	Soil	10	28	0.48	150	0.075	1	1.70	0.011	0.08	0.3	0.04	2.6	0.2	<0.05	7	<0.5	<0.2
1114120	Soil	13	31	0.54	132	0.085	2	1.98	0.008	0.11	0.3	0.04	3.3	0.2	<0.05	6	<0.5	<0.2
1114019	Soil	10	26	0.52	93	0.084	1	1.85	0.009	0.10	0.3	0.05	2.4	0.2	<0.05	6	<0.5	<0.2
1114124	Soil	12	27	0.53	157	0.091	1	1.90	0.010	0.08	0.3	0.04	2.6	0.2	<0.05	6	<0.5	<0.2
1114127	Soil	10	24	0.47	101	0.080	1	1.65	0.009	0.09	0.3	0.02	2.2	0.1	<0.05	6	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1114118	Soil		1.0	12.0	9.8	34	<0.1	11.6	5.2	209	2.25	5.1	1.0	2.4	2.1	13	0.2	0.4	0.2	58	0.15	0.049
1114125	Soil		1.6	10.7	17.9	44	0.2	11.8	36.1	2751	3.51	8.2	3.7	2.0	1.0	27	0.2	0.3	0.2	74	0.33	0.090
1114122	Soil		0.6	12.3	7.2	22	0.2	7.6	3.2	197	1.54	4.7	5.2	1.3	0.3	24	0.1	0.2	0.2	27	0.23	0.081
1114131	Soil		0.9	6.3	6.8	24	0.1	4.7	4.1	388	1.40	2.9	1.5	1.9	0.3	10	<0.1	0.2	0.2	38	0.10	0.045
1114130	Soil		0.6	4.1	3.8	13	<0.1	2.2	5.8	566	0.56	1.0	1.0	1.7	<0.1	11	<0.1	<0.1	0.2	16	0.09	0.040
1114134	Soil		0.6	11.3	8.6	65	<0.1	14.0	6.7	385	2.61	6.2	1.5	3.0	2.6	14	0.2	0.4	0.3	57	0.18	0.040
1114132	Soil		0.6	5.8	4.3	20	0.1	3.9	2.9	338	1.05	2.1	1.4	0.9	<0.1	9	<0.1	0.1	0.1	26	0.08	0.047
1114135	Soil		1.0	9.7	7.0	55	<0.1	8.5	5.9	466	1.91	4.3	1.5	1.4	1.3	17	0.2	0.3	0.3	46	0.18	0.049
1114133	Soil		0.5	4.2	4.3	15	0.1	2.7	3.0	276	0.68	1.5	0.6	0.9	<0.1	10	<0.1	0.1	0.1	18	0.08	0.032
1114136	Soil		1.1	11.6	10.3	73	<0.1	13.9	10.0	917	3.12	8.6	1.6	2.3	2.0	15	0.2	0.3	0.3	65	0.17	0.057
1117237	Soil		0.9	16.8	14.6	72	<0.1	19.3	8.5	231	2.74	7.1	7.2	2.0	3.1	24	0.1	0.3	0.4	58	0.30	0.058
1117239	Soil		0.8	14.3	11.6	61	0.1	16.7	8.3	243	2.65	7.4	5.8	2.7	3.5	21	0.1	0.3	0.3	55	0.25	0.053
1117230	Soil		1.0	12.3	13.5	66	<0.1	17.8	9.1	363	3.13	7.3	1.5	4.4	3.3	17	0.2	0.3	0.3	59	0.22	0.038
1117241	Soil		0.7	18.5	12.7	67	<0.1	17.3	8.4	296	2.61	6.9	6.9	1.7	3.3	22	0.2	0.4	0.4	54	0.25	0.040
1066903	Soil		0.9	20.3	8.9	98	<0.1	20.1	10.6	442	3.74	6.2	8.2	1.1	19.3	12	<0.1	0.2	0.6	32	0.15	0.045
1113043	Soil		0.7	20.9	9.6	63	<0.1	31.4	13.3	363	3.07	8.8	1.2	1.9	3.6	14	0.3	0.5	0.2	63	0.17	0.028
1113050	Soil		1.0	16.0	11.7	66	<0.1	21.4	10.9	358	3.34	8.5	10.9	1.8	4.7	26	<0.1	0.3	0.4	58	0.32	0.064
1113048	Soil		0.8	18.0	13.1	67	<0.1	19.7	10.4	377	3.27	9.4	13.8	3.9	5.8	27	0.2	0.4	0.3	52	0.41	0.060
1113040	Soil		0.7	15.0	14.4	54	<0.1	16.5	7.2	297	2.74	6.8	4.3	1.5	4.2	18	0.2	0.3	0.3	56	0.19	0.031
1113047	Soil		0.6	23.3	11.3	74	0.1	23.4	10.4	287	3.08	6.3	10.5	7.0	5.0	22	0.2	0.4	0.2	59	0.29	0.059
1113045	Soil		1.0	24.1	11.2	81	<0.1	30.1	13.5	548	3.47	4.9	6.1	1.8	3.5	22	<0.1	0.3	0.3	65	0.26	0.061
1113037	Soil		0.6	23.2	11.1	59	<0.1	19.8	7.5	233	3.14	5.4	13.9	1.9	5.9	23	<0.1	0.3	0.3	72	0.27	0.052
1113038	Soil		0.5	26.1	12.6	66	0.1	22.4	7.1	198	2.89	6.0	10.6	10.1	5.7	26	0.1	0.4	0.3	62	0.33	0.042
1117236	Soil		0.8	9.9	12.3	60	<0.1	15.9	7.9	280	2.49	5.8	2.0	0.8	3.4	24	0.1	0.2	0.3	57	0.30	0.031
1117243	Soil		0.9	18.6	19.0	160	<0.1	15.8	9.2	301	2.94	13.9	9.0	<0.5	24.2	19	0.3	0.4	0.9	23	0.14	0.035
1117233	Soil		0.8	13.8	8.1	55	<0.1	15.0	7.5	406	1.98	4.5	6.0	2.1	1.8	29	0.2	0.2	0.3	43	0.33	0.053
1117232	Soil		0.7	9.5	10.5	67	<0.1	13.3	7.7	386	2.36	5.1	1.0	3.5	1.9	28	0.7	0.2	0.3	54	0.33	0.036
1117242	Soil		0.8	16.4	14.4	66	<0.1	18.5	9.4	329	2.96	10.0	5.5	3.0	4.8	20	0.1	0.4	0.4	57	0.21	0.039
1117238	Soil		0.7	14.9	12.6	72	0.1	17.9	9.8	344	2.72	6.5	6.0	3.1	2.8	21	0.2	0.3	0.3	55	0.26	0.053
1117231	Soil		0.7	17.4	12.4	66	0.1	20.7	8.7	271	2.65	6.6	9.9	2.3	4.1	28	0.1	0.4	0.3	57	0.36	0.053

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600 - 666 Burrard St.
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Project: ECH
Report Date: August 09, 2011

CERTIFICATE OF ANALYSIS DAW11000078.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1114118	Soil		8	21	0.28	72	0.084	2	1.31	0.008	0.08	0.2	0.07	1.9	0.1	<0.05	6	<0.5	<0.2
1114125	Soil		9	21	0.36	177	0.054	2	1.44	0.011	0.06	0.2	0.07	2.0	0.2	<0.05	5	<0.5	<0.2
1114122	Soil		7	16	0.16	153	0.028	1	1.15	0.021	0.04	0.1	0.08	1.3	0.1	<0.05	4	0.6	<0.2
1114131	Soil		4	12	0.15	60	0.049	1	0.74	0.015	0.04	0.2	0.03	0.9	<0.1	<0.05	5	<0.5	<0.2
1114130	Soil		3	5	0.06	49	0.019	<1	0.32	0.015	0.04	<0.1	0.02	0.3	<0.1	<0.05	2	<0.5	<0.2
1114134	Soil		11	25	0.48	102	0.104	2	1.55	0.007	0.11	0.4	0.02	2.0	0.2	<0.05	6	<0.5	<0.2
1114132	Soil		3	9	0.13	42	0.027	1	0.54	0.016	0.03	0.1	0.02	0.4	<0.1	<0.05	3	<0.5	<0.2
1114135	Soil		9	17	0.28	105	0.082	2	1.05	0.014	0.10	0.3	0.02	1.5	0.1	<0.05	6	<0.5	<0.2
1114133	Soil		2	7	0.08	36	0.021	<1	0.33	0.019	0.03	<0.1	0.03	0.3	<0.1	<0.05	2	<0.5	<0.2
1114136	Soil		10	27	0.46	98	0.106	1	1.63	0.007	0.11	0.4	0.03	2.0	0.2	<0.05	8	<0.5	<0.2
1117237	Soil		12	31	0.53	172	0.066	2	1.83	0.013	0.09	0.1	0.05	3.4	0.3	<0.05	6	<0.5	<0.2
1117239	Soil		14	28	0.43	153	0.078	2	1.73	0.012	0.10	0.2	0.04	3.1	0.3	<0.05	5	<0.5	<0.2
1117230	Soil		11	30	0.43	110	0.090	2	1.89	0.011	0.13	0.2	0.04	2.2	0.2	<0.05	6	<0.5	<0.2
1117241	Soil		13	31	0.47	183	0.080	1	1.96	0.011	0.09	0.1	0.05	3.5	0.3	<0.05	6	<0.5	<0.2
1066903	Soil		38	20	0.34	112	0.078	1	1.26	0.008	0.31	0.1	0.02	2.6	1.1	<0.05	5	<0.5	<0.2
1113043	Soil		9	48	0.71	120	0.111	2	3.12	0.010	0.11	0.1	0.05	4.1	0.3	<0.05	6	<0.5	<0.2
1113050	Soil		15	34	0.55	202	0.107	1	1.87	0.013	0.14	0.1	0.05	4.0	0.3	<0.05	6	<0.5	<0.2
1113048	Soil		16	31	0.52	203	0.117	1	1.84	0.014	0.21	0.2	0.05	4.1	0.4	<0.05	6	<0.5	<0.2
1113040	Soil		12	29	0.41	148	0.060	1	2.01	0.008	0.08	0.2	0.04	2.7	0.4	<0.05	6	0.5	<0.2
1113047	Soil		16	35	0.57	197	0.119	2	1.92	0.014	0.18	0.2	0.04	4.6	0.3	<0.05	6	<0.5	<0.2
1113045	Soil		13	46	0.71	174	0.147	2	2.27	0.016	0.33	0.5	0.02	4.0	0.5	<0.05	8	<0.5	<0.2
1113037	Soil		21	49	0.70	211	0.140	2	2.24	0.012	0.22	0.3	0.05	5.5	0.7	<0.05	7	<0.5	<0.2
1113038	Soil		18	43	0.54	193	0.108	<1	1.90	0.013	0.16	0.4	0.04	5.3	0.4	<0.05	6	<0.5	<0.2
1117236	Soil		10	28	0.46	126	0.087	2	1.69	0.011	0.08	0.2	0.04	2.4	0.3	<0.05	6	<0.5	<0.2
1117243	Soil		51	14	0.18	114	0.014	2	0.94	0.005	0.10	0.2	0.03	2.2	0.5	<0.05	3	0.7	<0.2
1117233	Soil		12	23	0.36	170	0.069	1	1.24	0.013	0.09	0.2	0.04	2.2	0.2	<0.05	5	<0.5	<0.2
1117232	Soil		8	24	0.33	120	0.070	1	1.41	0.013	0.08	0.1	0.02	1.7	0.1	<0.05	6	<0.5	<0.2
1117242	Soil		13	32	0.47	168	0.076	1	1.96	0.009	0.11	0.2	0.03	3.3	0.4	<0.05	6	0.5	<0.2
1117238	Soil		11	30	0.48	169	0.072	2	1.86	0.012	0.10	0.1	0.05	3.1	0.3	<0.05	6	0.5	<0.2
1117231	Soil		15	33	0.53	210	0.083	2	1.88	0.014	0.10	0.2	0.04	3.8	0.3	<0.05	6	<0.5	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1117240	Soil		0.7	16.9	12.9	69	<0.1	19.2	9.9	352	2.68	6.0	6.4	1.7	4.4	21	0.2	0.3	0.4	53	0.26	0.043
1066901	Soil		0.8	18.3	14.4	70	0.1	17.7	7.2	440	2.54	7.4	8.2	1.6	3.6	20	0.2	0.3	0.4	52	0.25	0.048
1066902	Soil		1.1	25.6	18.5	111	0.1	28.0	16.3	626	4.61	6.6	9.5	1.1	11.4	15	0.2	0.3	0.8	48	0.18	0.047
1113041	Soil		0.4	12.8	13.1	51	<0.1	27.2	10.9	496	2.21	3.7	2.8	8.3	6.4	16	<0.1	0.2	0.2	46	0.24	0.053
1113042	Soil		0.4	18.0	7.7	69	<0.1	35.3	14.7	468	3.20	3.4	2.3	5.4	6.0	19	0.1	0.2	0.2	79	0.27	0.059
1113044	Soil		1.5	23.6	13.2	63	<0.1	19.9	9.7	323	3.85	5.6	3.6	2.3	5.5	11	0.1	0.4	0.3	92	0.10	0.034
1113049	Soil		1.0	19.0	13.8	65	<0.1	20.1	9.1	266	3.27	12.2	15.3	3.4	6.1	28	0.1	0.4	0.3	62	0.41	0.049
1113046	Soil		0.9	31.6	10.8	82	<0.1	30.0	11.4	270	3.64	10.8	7.9	1.4	5.2	36	0.3	0.5	0.4	61	0.51	0.086
1114935	Soil		0.5	18.0	10.0	65	<0.1	17.9	7.0	373	2.42	4.4	10.6	4.9	6.5	20	0.1	0.3	11.3	49	0.33	0.069
1113036	Soil		0.5	25.9	9.6	71	<0.1	22.1	8.3	397	2.98	6.5	8.1	1.8	6.7	29	0.1	0.4	0.5	66	0.34	0.055
1113039	Soil		0.8	29.1	16.3	69	0.1	27.8	8.1	247	3.97	12.7	14.6	3.4	5.3	33	<0.1	0.5	0.5	84	0.36	0.057
1117235	Soil		0.7	14.5	11.3	63	<0.1	17.5	9.5	308	2.47	5.8	7.0	11.4	3.6	25	0.2	0.3	0.3	53	0.33	0.050
1117234	Soil		0.8	14.7	13.4	74	<0.1	21.0	11.0	474	2.76	6.8	8.4	2.0	4.0	29	0.1	0.3	0.4	58	0.36	0.053
1114572	Soil		0.4	5.2	4.9	15	<0.1	3.3	2.0	67	1.10	2.3	0.4	<0.5	1.4	9	<0.1	0.1	0.2	27	0.06	0.020
1114568	Soil		1.1	18.9	15.9	57	<0.1	27.2	12.2	300	4.31	9.0	0.9	0.8	6.0	16	0.3	0.4	0.3	80	0.16	0.025
1114569	Soil		1.3	27.5	14.6	73	<0.1	37.5	13.7	422	4.57	7.8	1.6	1.3	11.1	13	0.1	0.4	0.4	83	0.11	0.022
1114571	Soil		1.1	17.2	12.7	59	<0.1	23.6	10.2	326	3.98	9.9	1.1	0.6	7.0	14	0.2	0.5	1.8	79	0.11	0.041
1114577	Soil		1.0	17.5	12.0	38	<0.1	26.7	8.4	319	2.89	4.9	0.9	1.3	5.4	20	0.1	0.3	0.3	85	0.16	0.020
1114567	Soil		0.3	7.1	4.1	9	<0.1	3.8	1.5	34	0.70	1.0	0.6	1.3	0.6	9	<0.1	<0.1	0.1	17	0.06	0.023
1114570	Soil		1.1	9.3	11.6	30	<0.1	8.3	3.6	152	1.85	4.7	0.5	3.2	2.5	9	0.1	0.3	0.2	52	0.07	0.016
1114573	Soil		0.3	3.6	5.4	15	<0.1	2.9	1.6	53	0.96	2.0	0.3	1.1	0.6	6	<0.1	0.1	0.1	25	0.04	0.012
1114566	Soil		0.9	19.4	10.7	56	<0.1	26.1	11.1	374	3.33	7.7	1.2	1.6	7.0	19	<0.1	0.3	0.2	69	0.17	0.029
1114574	Soil		1.5	19.2	11.5	43	<0.1	20.7	9.8	206	3.58	8.9	0.9	1.7	4.3	14	<0.1	0.6	0.2	77	0.10	0.024
1114578	Soil		0.9	20.0	12.2	55	<0.1	26.5	9.9	256	3.48	7.9	0.9	1.5	6.8	15	<0.1	0.4	0.2	69	0.14	0.022
1114582	Soil		1.5	14.9	12.0	55	<0.1	18.4	8.7	279	3.57	9.8	0.8	1.3	4.2	21	0.1	0.4	0.4	69	0.21	0.033
1114580	Soil		1.0	14.9	13.4	40	<0.1	13.3	5.0	216	2.07	3.4	1.0	1.6	5.2	22	0.1	0.2	0.3	46	0.17	0.019
1114584	Soil		1.0	9.0	8.2	36	<0.1	8.4	5.1	253	2.18	3.9	0.6	<0.5	3.5	15	0.1	0.2	0.4	47	0.14	0.021
1114583	Soil		1.4	24.2	10.8	72	<0.1	22.0	12.3	650	3.69	7.0	1.4	1.0	12.4	25	<0.1	0.4	0.3	74	0.31	0.048
1114586	Soil		1.0	27.2	12.1	66	<0.1	26.0	10.5	391	3.39	7.8	1.6	1.3	7.6	31	<0.1	0.4	0.3	71	0.45	0.047
1114597	Soil		0.8	18.9	8.9	55	<0.1	32.9	11.3	298	3.48	10.6	0.8	1.3	4.7	13	<0.1	0.3	0.3	62	0.10	0.024

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1117240	Soil	14	33	0.52	178	0.097	2	1.98	0.013	0.11	0.1	0.04	3.5	0.3	<0.05	6	<0.5	<0.2
1066901	Soil	16	29	0.43	170	0.060	3	1.85	0.010	0.11	0.1	0.06	3.4	0.4	<0.05	6	<0.5	<0.2
1066902	Soil	29	33	0.43	166	0.088	2	1.68	0.007	0.43	0.2	0.03	4.7	0.9	<0.05	6	0.8	<0.2
1113041	Soil	17	46	0.51	98	0.082	2	1.26	0.011	0.14	0.2	0.03	2.4	0.4	<0.05	4	0.6	<0.2
1113042	Soil	15	80	1.17	151	0.198	2	2.52	0.018	0.48	0.2	0.06	4.3	1.0	<0.05	8	0.6	<0.2
1113044	Soil	15	37	0.48	102	0.159	2	2.14	0.008	0.23	0.2	0.01	3.7	0.6	<0.05	11	0.8	<0.2
1113049	Soil	16	34	0.55	207	0.123	3	2.00	0.015	0.20	0.2	0.04	4.7	0.4	<0.05	7	<0.5	<0.2
1113046	Soil	16	32	0.61	240	0.103	2	1.69	0.025	0.12	0.2	0.03	4.4	0.3	<0.05	5	0.5	<0.2
1114935	Soil	15	29	0.45	209	0.081	1	2.01	0.011	0.12	19.0	0.02	3.6	0.3	<0.05	7	<0.5	<0.2
1113036	Soil	20	48	0.62	250	0.131	2	2.20	0.013	0.19	0.4	0.02	6.0	0.4	<0.05	7	<0.5	<0.2
1113039	Soil	16	49	0.61	303	0.086	2	2.90	0.011	0.15	0.2	0.16	6.0	0.5	<0.05	8	0.5	<0.2
1117235	Soil	12	27	0.44	154	0.070	<1	1.50	0.014	0.08	0.2	0.03	3.1	0.2	<0.05	5	<0.5	<0.2
1117234	Soil	13	34	0.52	205	0.072	3	2.01	0.012	0.10	0.5	0.03	3.9	0.3	<0.05	6	<0.5	<0.2
1114572	Soil	8	8	0.10	47	0.045	1	0.90	0.020	0.04	<0.1	0.01	1.3	<0.1	<0.05	4	<0.5	<0.2
1114568	Soil	14	55	0.59	135	0.089	2	2.87	0.010	0.19	0.1	0.03	5.1	0.3	<0.05	9	<0.5	<0.2
1114569	Soil	17	65	0.87	133	0.143	2	3.22	0.008	0.46	0.2	0.03	5.7	0.6	<0.05	11	<0.5	<0.2
1114571	Soil	9	30	0.45	150	0.108	2	3.42	0.009	0.18	0.1	0.03	5.3	0.4	<0.05	9	0.6	<0.2
1114577	Soil	24	62	0.44	185	0.124	<1	1.61	0.008	0.15	<0.1	0.02	4.0	0.2	<0.05	10	<0.5	<0.2
1114567	Soil	7	6	0.06	52	0.029	<1	0.71	0.022	0.04	<0.1	0.02	1.1	<0.1	<0.05	3	<0.5	<0.2
1114570	Soil	9	18	0.23	62	0.068	<1	1.23	0.012	0.08	0.1	0.02	1.8	0.2	<0.05	7	<0.5	<0.2
1114573	Soil	4	7	0.07	30	0.035	<1	0.60	0.015	0.03	<0.1	0.01	0.8	<0.1	<0.05	4	<0.5	<0.2
1114566	Soil	16	40	0.69	159	0.123	1	2.40	0.011	0.25	0.2	<0.01	4.5	0.3	<0.05	8	<0.5	<0.2
1114574	Soil	12	40	0.39	107	0.095	1	3.26	0.011	0.10	0.1	0.04	3.8	0.3	<0.05	8	0.5	<0.2
1114578	Soil	20	38	0.56	140	0.107	2	2.33	0.009	0.21	0.1	0.03	3.0	0.2	0.05	8	<0.5	<0.2
1114582	Soil	9	25	0.42	107	0.079	2	2.40	0.012	0.11	0.2	0.01	3.8	0.2	<0.05	8	<0.5	<0.2
1114580	Soil	22	24	0.26	157	0.060	<1	1.35	0.009	0.15	<0.1	<0.01	2.2	0.2	<0.05	7	<0.5	<0.2
1114584	Soil	9	14	0.26	78	0.078	2	1.48	0.018	0.13	0.1	0.02	3.2	0.3	<0.05	7	<0.5	<0.2
1114583	Soil	24	32	0.69	201	0.136	1	2.21	0.015	0.24	0.2	0.01	7.1	0.5	<0.05	8	<0.5	<0.2
1114586	Soil	23	38	0.69	229	0.115	1	2.24	0.019	0.14	0.2	0.03	5.5	0.2	<0.05	7	<0.5	<0.2
1114597	Soil	10	51	0.63	87	0.101	<1	2.09	0.010	0.24	0.3	<0.01	2.9	0.3	<0.05	8	<0.5	<0.2

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Project: ECH
Report Date: August 09, 2011

CERTIFICATE OF ANALYSIS DAW11000078.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1114585	Soil		1.3	21.4	12.1	61	<0.1	22.0	11.2	339	3.28	7.4	1.0	1.5	6.7	21	0.1	0.4	0.3	65	0.25	0.031
1114576	Soil		1.1	11.7	9.6	27	<0.1	10.6	4.6	116	2.57	5.8	0.5	1.3	2.9	11	<0.1	0.4	0.2	66	0.08	0.017
1114575	Soil		1.2	23.5	10.9	64	<0.1	43.8	15.8	404	4.36	7.3	1.3	<0.5	9.9	18	0.1	0.4	0.3	86	0.16	0.023
1114579	Soil		0.6	13.0	7.8	20	<0.1	9.1	3.5	117	1.69	2.7	0.8	1.0	2.4	13	<0.1	0.2	0.2	37	0.10	0.020
1114581	Soil		1.3	17.3	12.0	60	<0.1	23.8	9.2	420	3.14	5.9	0.8	0.5	4.5	23	0.1	0.2	0.3	73	0.23	0.027
1114588	Soil		1.1	15.5	8.9	43	<0.1	15.8	8.4	275	3.43	4.2	0.8	1.9	5.5	11	<0.1	0.3	0.2	76	0.10	0.029
1114587	Soil		0.9	19.1	9.8	52	<0.1	22.2	11.4	320	3.65	6.0	1.2	2.2	10.9	15	<0.1	0.3	0.2	78	0.17	0.031
1114592	Soil		1.0	22.3	12.5	53	<0.1	22.5	8.6	307	3.02	7.6	1.8	0.7	15.0	23	<0.1	0.4	0.3	62	0.27	0.036
1114589	Soil		0.9	22.6	14.2	67	<0.1	27.9	11.5	395	3.36	6.7	1.4	1.2	12.0	21	0.1	0.3	0.2	66	0.33	0.053
1114590	Soil		1.3	17.9	13.0	52	<0.1	20.4	9.4	198	3.43	9.6	0.9	1.9	7.5	15	<0.1	0.3	0.3	80	0.18	0.028
1114598	Soil		0.7	37.6	15.0	97	<0.1	56.9	19.9	572	4.68	6.6	2.3	1.9	11.9	19	<0.1	0.3	0.2	63	0.27	0.041
1114591	Soil		0.5	6.9	6.7	20	<0.1	5.2	2.5	81	0.80	2.2	0.6	<0.5	2.3	9	0.1	<0.1	0.2	24	0.10	0.025
1114599	Soil		0.7	27.3	11.5	65	<0.1	34.6	13.2	378	3.44	6.7	1.5	<0.5	8.6	19	<0.1	0.3	0.2	60	0.25	0.035
1114596	Soil		0.4	18.4	6.8	69	<0.1	15.2	21.0	573	5.27	3.9	0.8	<0.5	6.7	20	<0.1	0.1	0.3	155	0.41	0.050
1114593	Soil		1.2	27.0	12.6	64	<0.1	31.4	17.5	323	4.30	8.7	1.9	0.6	9.6	19	<0.1	0.2	0.6	90	0.28	0.045
1114595	Soil		0.8	34.6	7.4	55	<0.1	40.9	32.0	203	4.87	10.8	0.8	<0.5	6.1	19	<0.1	0.1	0.1	188	0.34	0.043
1114594	Soil		1.1	15.7	11.6	47	<0.1	15.2	8.7	203	3.28	7.5	0.7	0.8	3.8	16	<0.1	0.4	0.3	77	0.16	0.034
1115008	Soil		0.8	15.5	16.2	72	0.1	16.3	8.2	426	2.46	7.0	2.8	3.4	1.8	16	0.2	0.4	1.7	58	0.21	0.049
1115004	Soil		0.8	16.6	19.8	66	0.1	17.0	8.4	466	2.52	7.1	3.6	2.5	3.6	11	0.4	0.4	2.7	51	0.18	0.064
1115005	Soil		0.9	13.6	17.3	64	<0.1	15.0	7.1	390	2.43	6.4	3.9	1.8	3.5	13	0.3	0.3	2.0	55	0.18	0.055
1115009	Soil		0.5	16.1	14.2	73	<0.1	20.5	9.5	593	2.31	6.1	5.1	1.9	5.2	14	0.3	0.4	2.4	49	0.24	0.056
1115025	Soil		0.5	10.3	13.8	57	0.1	12.5	5.4	146	2.15	5.7	3.3	1.1	2.7	14	0.2	0.3	1.1	46	0.21	0.061
1115003	Soil		0.5	16.4	12.9	68	<0.1	18.2	7.7	474	2.20	5.1	6.4	4.9	4.0	14	0.4	0.3	1.8	48	0.27	0.074
1115027	Soil		0.4	9.2	14.4	54	0.1	10.5	5.6	189	2.01	5.0	3.9	1.6	2.9	13	0.1	0.3	1.2	41	0.19	0.060
1115012	Soil		0.5	14.6	28.0	59	<0.1	24.2	7.8	595	2.09	5.9	3.6	3.6	5.1	13	0.2	0.5	6.5	34	0.20	0.050
1115023	Soil		0.4	9.4	13.2	53	0.1	11.2	5.2	129	1.83	4.7	3.5	1.4	2.0	12	0.2	0.3	1.0	46	0.16	0.041
1115019	Soil		0.6	10.6	14.5	60	0.1	12.7	7.0	275	2.16	6.8	4.2	0.9	3.8	16	0.2	0.3	1.3	48	0.28	0.065
1115002	Soil		0.7	15.8	9.8	51	<0.1	11.8	5.8	239	1.82	4.9	1.5	1.4	0.8	14	0.2	0.3	1.1	42	0.19	0.069
1115013	Soil		1.2	14.9	24.7	86	0.1	17.7	7.7	745	2.32	6.7	5.2	<0.5	2.3	20	0.2	0.5	2.1	47	0.27	0.071
1115033	Soil		0.7	15.6	19.2	74	<0.1	15.9	11.9	867	2.87	7.5	4.0	0.9	3.4	17	0.2	0.3	0.8	59	0.23	0.060

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Project: ECH
Report Date: August 09, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1114585	Soil		16	33	0.65	175	0.105	2	2.33	0.014	0.13	0.2	0.02	4.4	0.2	<0.05	7	<0.5	<0.2
1114576	Soil		10	21	0.20	75	0.070	<1	1.64	0.010	0.04	<0.1	0.02	1.6	0.1	<0.05	8	<0.5	<0.2
1114575	Soil		41	87	0.99	214	0.174	2	3.51	0.011	0.37	0.2	<0.01	6.6	0.5	<0.05	11	<0.5	<0.2
1114579	Soil		30	14	0.16	83	0.047	<1	1.21	0.016	0.05	<0.1	0.02	1.4	<0.1	<0.05	5	<0.5	<0.2
1114581	Soil		21	43	0.59	158	0.103	1	2.28	0.014	0.17	0.5	0.02	4.1	0.3	<0.05	9	0.6	<0.2
1114588	Soil		9	23	0.34	78	0.136	<1	1.56	0.015	0.15	<0.1	<0.01	2.7	0.2	<0.05	9	<0.5	<0.2
1114587	Soil		27	33	0.68	175	0.146	1	2.78	0.012	0.41	0.2	0.02	5.5	0.3	<0.05	9	0.6	<0.2
1114592	Soil		28	32	0.51	194	0.097	2	2.20	0.018	0.13	0.1	0.02	3.6	0.2	<0.05	7	<0.5	<0.2
1114589	Soil		37	46	0.68	170	0.119	4	2.19	0.015	0.18	0.3	0.03	4.1	0.3	<0.05	7	<0.5	<0.2
1114590	Soil		14	35	0.41	152	0.105	3	2.34	0.009	0.12	0.3	0.02	3.6	0.2	<0.05	8	<0.5	<0.2
1114598	Soil		31	52	0.96	180	0.148	2	2.14	0.013	0.54	0.4	<0.01	6.4	0.6	<0.05	7	<0.5	<0.2
1114591	Soil		9	11	0.13	65	0.057	1	0.67	0.016	0.08	<0.1	<0.01	1.3	0.1	<0.05	4	<0.5	<0.2
1114599	Soil		22	42	0.68	162	0.129	1	1.82	0.013	0.27	0.4	0.02	4.5	0.3	<0.05	6	0.5	<0.2
1114596	Soil		11	44	1.40	204	0.366	1	3.28	0.021	1.05	0.3	0.01	6.4	0.8	<0.05	13	<0.5	<0.2
1114593	Soil		16	49	0.92	248	0.191	1	3.18	0.015	0.41	0.3	0.02	6.0	0.4	<0.05	10	<0.5	<0.2
1114595	Soil		11	105	1.56	318	0.270	<1	4.87	0.045	0.56	0.3	0.02	6.4	0.5	<0.05	13	<0.5	<0.2
1114594	Soil		7	26	0.34	172	0.107	2	2.30	0.013	0.12	0.2	0.02	2.7	0.2	<0.05	8	<0.5	<0.2
1115008	Soil		9	27	0.38	151	0.067	1	1.64	0.009	0.07	0.2	0.03	2.2	0.1	<0.05	6	<0.5	<0.2
1115004	Soil		9	25	0.34	92	0.063	2	1.71	0.009	0.08	0.1	0.08	2.2	0.1	<0.05	5	<0.5	<0.2
1115005	Soil		10	24	0.30	120	0.063	1	1.82	0.009	0.06	0.1	0.04	2.1	0.1	<0.05	6	<0.5	<0.2
1115009	Soil		10	27	0.37	140	0.075	3	1.77	0.011	0.07	0.1	0.04	2.7	0.2	<0.05	4	<0.5	<0.2
1115025	Soil		9	23	0.29	138	0.039	1	1.62	0.009	0.06	0.1	0.06	2.5	0.1	<0.05	5	<0.5	<0.2
1115003	Soil		11	23	0.34	109	0.072	2	1.29	0.011	0.06	0.2	0.03	2.2	<0.1	<0.05	4	<0.5	<0.2
1115027	Soil		12	21	0.26	127	0.036	2	1.60	0.009	0.06	<0.1	0.05	2.4	0.2	<0.05	5	<0.5	<0.2
1115012	Soil		9	22	0.24	94	0.027	1	1.30	0.008	0.09	0.1	0.02	2.1	0.2	<0.05	3	<0.5	<0.2
1115023	Soil		9	23	0.29	127	0.042	2	1.66	0.009	0.06	0.1	0.05	2.3	0.1	<0.05	5	<0.5	<0.2
1115019	Soil		12	22	0.30	133	0.049	1	1.39	0.010	0.05	0.2	0.03	2.4	0.1	<0.05	4	<0.5	<0.2
1115002	Soil		6	17	0.22	89	0.051	2	1.12	0.018	0.04	0.1	0.04	1.4	<0.1	0.05	4	<0.5	<0.2
1115013	Soil		9	28	0.29	162	0.041	2	1.61	0.012	0.09	0.1	0.04	2.5	0.2	<0.05	5	<0.5	<0.2
1115033	Soil		11	29	0.33	167	0.043	1	1.78	0.010	0.08	0.2	0.04	2.9	0.2	<0.05	6	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1115030	Soil	0.4	11.6	14.0	56	0.1	11.1	4.9	148	2.24	6.4	3.9	1.6	2.6	13	0.2	0.3	0.9	46	0.17	0.056
1115011	Soil	1.0	13.4	19.0	77	<0.1	16.6	9.6	668	2.71	8.5	3.5	2.8	4.0	11	0.3	0.4	1.7	61	0.17	0.059
1115029	Soil	0.5	10.6	15.7	56	0.1	12.2	5.2	153	2.18	6.1	3.9	1.9	2.7	13	0.1	0.2	1.0	46	0.18	0.057
1115031	Soil	0.5	11.1	14.7	61	0.1	12.6	8.4	470	2.32	5.9	3.3	3.5	2.9	16	0.2	0.2	0.8	46	0.23	0.059
1115006	Soil	0.5	8.9	8.7	38	<0.1	7.1	3.2	162	1.02	3.0	6.3	<0.5	0.4	13	0.1	0.2	1.2	28	0.16	0.053
1115001	Soil	0.9	22.0	14.5	75	<0.1	27.6	11.5	429	2.79	8.9	1.2	<0.5	2.7	12	0.2	0.5	1.4	60	0.17	0.039
1115028	Soil	0.6	10.4	15.5	66	0.1	13.8	8.0	311	2.65	6.4	2.9	1.1	4.6	14	0.2	0.3	0.8	50	0.20	0.058
1115032	Soil	0.7	14.1	16.7	73	0.1	15.1	12.5	929	2.59	6.0	4.0	0.9	3.4	16	0.1	0.2	0.7	52	0.22	0.057
1115026	Soil	0.4	8.7	11.2	47	<0.1	9.7	4.8	154	1.71	4.6	3.0	1.4	2.8	12	0.1	0.2	1.0	37	0.20	0.057
1115021	Soil	0.4	9.8	15.2	64	0.1	12.8	5.6	156	2.20	6.8	3.6	0.8	2.3	14	0.2	0.3	1.2	46	0.19	0.056
1115022	Soil	0.5	11.0	12.7	55	<0.1	12.5	7.5	347	2.23	6.1	4.1	1.0	2.2	12	0.1	0.3	1.0	48	0.17	0.052
1115024	Soil	0.6	9.0	11.6	49	0.1	10.5	9.4	478	1.93	5.0	3.6	1.2	1.6	15	0.1	0.2	1.0	41	0.19	0.049
1115020	Soil	0.5	9.3	12.9	52	<0.1	11.0	5.9	169	1.60	4.2	2.6	<0.5	1.9	13	0.2	0.3	1.1	36	0.19	0.044
1115018	Soil	0.5	11.2	13.4	59	0.1	12.2	4.8	106	2.09	6.7	5.4	0.9	1.8	14	0.2	0.3	1.5	49	0.19	0.055
1115017	Soil	0.6	9.9	11.7	57	0.1	13.2	5.9	243	2.01	5.7	2.2	2.0	2.1	16	0.2	0.3	1.8	51	0.19	0.044
1115015	Soil	0.8	16.0	13.6	76	0.1	18.5	9.3	435	2.66	7.4	3.9	1.8	2.7	16	0.1	0.4	2.1	57	0.19	0.056
1115007	Soil	0.4	17.8	11.8	67	<0.1	18.1	8.3	421	2.24	5.6	4.7	2.4	3.3	18	0.2	0.4	2.0	50	0.25	0.060
1115010	Soil	0.5	12.7	11.0	69	<0.1	16.5	9.1	575	2.02	5.0	5.4	4.1	4.3	14	0.3	0.4	1.9	43	0.20	0.057
1115014	Soil	0.7	17.9	19.6	72	0.1	16.3	7.2	306	2.38	6.3	6.9	2.1	2.2	16	0.3	0.5	2.5	44	0.13	0.055
1115016	Soil	0.9	13.1	16.1	64	0.1	15.1	14.5	1021	2.49	8.4	2.6	1.6	2.0	16	0.2	0.4	2.0	60	0.19	0.057
1114970	Soil	0.7	14.0	9.1	58	<0.1	15.9	10.3	438	2.67	5.2	2.3	<0.5	5.8	16	0.1	0.3	0.4	55	0.27	0.080
1114958	Soil	0.5	11.0	5.3	39	<0.1	12.0	7.5	345	1.80	3.4	1.3	1.0	7.2	13	0.2	0.3	0.2	39	0.29	0.077
1114967	Soil	0.7	13.5	14.0	67	<0.1	15.7	11.1	621	2.88	3.7	3.1	0.9	5.8	16	0.3	0.4	0.7	54	0.32	0.098
1114961	Soil	0.6	12.8	8.3	68	<0.1	15.8	9.0	391	2.86	4.7	1.8	1.2	5.1	16	0.2	0.4	0.3	58	0.31	0.082
1114954	Soil	0.7	11.9	7.2	37	0.1	10.5	4.7	194	1.58	3.3	2.8	4.0	2.1	15	0.1	0.3	0.5	38	0.18	0.041
1114953	Soil	0.7	14.3	9.4	66	0.1	15.8	8.1	383	2.56	6.1	3.9	4.5	4.8	18	0.2	0.4	1.2	52	0.28	0.073
1114951	Soil	1.0	14.7	14.2	59	<0.1	15.2	8.3	491	2.62	5.4	3.4	1.0	3.3	16	0.2	0.4	0.8	56	0.22	0.065
1114966	Soil	0.8	16.3	11.5	59	0.1	16.3	9.9	528	2.63	5.9	2.9	2.3	2.7	22	0.1	0.3	0.5	56	0.23	0.049
1114952	Soil	1.0	13.9	17.7	64	0.1	15.4	11.5	820	2.78	6.4	5.8	5.6	4.5	17	0.1	0.4	1.5	53	0.25	0.076
1114957	Soil	0.9	11.3	9.9	47	<0.1	11.7	5.8	273	2.15	5.4	1.6	0.5	2.7	15	0.1	0.3	0.4	57	0.17	0.036

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

Project: ECH
Report Date: August 09, 2011

CERTIFICATE OF ANALYSIS DAW11000078.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1115030	Soil	10	22	0.28	126	0.037	2	1.67	0.009	0.07	0.1	0.05	2.5	0.2	<0.05	5	<0.5	<0.2
1115011	Soil	10	29	0.36	111	0.069	2	1.85	0.008	0.08	0.2	0.04	2.7	0.1	<0.05	6	<0.5	<0.2
1115029	Soil	10	22	0.28	124	0.037	2	1.63	0.009	0.06	0.2	0.05	2.6	0.2	<0.05	5	<0.5	<0.2
1115031	Soil	10	25	0.30	155	0.044	2	1.58	0.010	0.06	0.1	0.06	2.7	0.2	<0.05	5	<0.5	<0.2
1115006	Soil	4	13	0.16	87	0.035	<1	0.88	0.021	0.04	<0.1	0.04	1.3	<0.1	<0.05	3	<0.5	<0.2
1115001	Soil	9	32	0.48	139	0.076	2	2.29	0.010	0.08	0.1	0.05	2.9	0.1	<0.05	5	<0.5	<0.2
1115028	Soil	11	24	0.34	137	0.053	2	1.65	0.008	0.07	0.2	0.03	2.6	0.2	<0.05	5	<0.5	<0.2
1115032	Soil	11	27	0.33	168	0.035	2	1.75	0.009	0.07	0.1	0.03	2.9	0.2	<0.05	6	<0.5	<0.2
1115026	Soil	11	18	0.24	106	0.042	2	1.29	0.009	0.05	0.2	0.03	2.0	0.1	<0.05	4	<0.5	<0.2
1115021	Soil	10	24	0.32	136	0.050	2	1.69	0.010	0.07	0.2	0.06	2.5	0.2	<0.05	5	<0.5	<0.2
1115022	Soil	9	24	0.30	129	0.046	2	1.63	0.009	0.06	0.1	0.07	2.7	0.2	<0.05	5	<0.5	<0.2
1115024	Soil	8	21	0.26	128	0.034	2	1.48	0.009	0.05	0.1	0.05	2.3	0.1	<0.05	5	<0.5	<0.2
1115020	Soil	9	20	0.27	102	0.040	3	1.23	0.010	0.05	0.2	0.03	1.9	0.1	<0.05	4	<0.5	<0.2
1115018	Soil	9	23	0.29	147	0.040	2	1.60	0.010	0.06	0.1	0.06	2.6	0.2	<0.05	5	<0.5	<0.2
1115017	Soil	9	24	0.34	116	0.041	2	1.47	0.009	0.05	0.1	0.05	2.6	0.1	<0.05	5	0.5	<0.2
1115015	Soil	10	30	0.43	152	0.055	2	1.90	0.008	0.06	0.2	0.03	3.3	0.1	<0.05	6	<0.5	<0.2
1115007	Soil	11	27	0.40	141	0.063	<1	1.45	0.010	0.07	<0.1	0.03	3.8	0.1	<0.05	4	0.5	<0.2
1115010	Soil	11	24	0.35	99	0.064	<1	1.47	0.013	0.06	0.1	0.02	2.9	0.1	<0.05	4	<0.5	<0.2
1115014	Soil	13	28	0.31	156	0.029	1	2.11	0.011	0.06	0.1	0.05	4.2	0.2	<0.05	6	<0.5	<0.2
1115016	Soil	8	23	0.35	132	0.047	<1	1.60	0.010	0.06	0.1	0.03	2.6	0.1	<0.05	5	0.8	<0.2
1114970	Soil	16	26	0.50	134	0.095	1	1.60	0.009	0.14	0.3	<0.01	3.8	0.2	<0.05	6	<0.5	<0.2
1114958	Soil	14	18	0.38	86	0.084	1	0.98	0.013	0.13	0.3	<0.01	2.5	0.2	<0.05	4	<0.5	<0.2
1114967	Soil	16	23	0.47	129	0.096	<1	1.35	0.011	0.20	0.2	<0.01	4.1	0.2	<0.05	5	<0.5	<0.2
1114961	Soil	15	30	0.58	148	0.107	2	1.64	0.010	0.19	0.1	0.01	3.9	0.2	<0.05	6	<0.5	<0.2
1114954	Soil	13	18	0.30	121	0.063	<1	1.09	0.017	0.07	0.2	0.02	2.4	0.1	<0.05	5	<0.5	<0.2
1114953	Soil	16	27	0.51	148	0.081	1	1.61	0.011	0.13	0.3	0.02	3.5	0.2	<0.05	6	<0.5	<0.2
1114951	Soil	15	26	0.44	167	0.083	1	1.56	0.010	0.14	0.2	0.02	3.2	0.2	<0.05	7	0.5	<0.2
1114966	Soil	21	26	0.49	188	0.072	1	1.89	0.013	0.11	0.2	0.03	4.2	0.2	<0.05	7	<0.5	<0.2
1114952	Soil	20	26	0.44	167	0.066	<1	1.69	0.009	0.13	0.3	0.03	3.5	0.3	<0.05	6	<0.5	<0.2
1114957	Soil	12	23	0.39	108	0.090	<1	1.30	0.014	0.09	0.3	0.02	2.8	0.1	<0.05	6	<0.5	<0.2

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Project: ECH
Report Date: August 09, 2011

CERTIFICATE OF ANALYSIS DAW11000078.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1114974	Soil	0.9	18.3	14.6	62	<0.1	20.3	9.1	289	2.89	6.9	2.0	3.3	3.3	18	0.1	0.4	0.3	67	0.22	0.058
1114972	Soil	1.5	27.1	20.0	78	0.2	24.6	15.7	982	3.72	10.7	5.4	3.7	4.1	28	0.2	0.5	0.8	83	0.32	0.078
1114955	Soil	0.7	12.6	7.2	49	<0.1	14.8	7.6	334	2.32	5.0	1.6	1.8	5.3	13	0.2	0.3	0.4	55	0.28	0.075
1114977	Soil	1.1	22.0	13.3	62	0.2	18.7	7.5	280	3.47	8.1	2.9	2.1	1.5	20	0.2	0.4	0.3	58	0.20	0.089
1114971	Soil	0.8	16.9	11.1	65	<0.1	18.2	11.2	386	3.14	5.3	3.2	1.8	6.0	17	0.1	0.4	0.4	60	0.30	0.080
1114969	Soil	0.8	16.2	12.4	65	<0.1	18.7	9.4	482	2.81	6.6	2.9	2.0	5.4	20	0.2	0.4	0.3	60	0.29	0.069
1114956	Soil	1.1	14.9	13.5	61	<0.1	20.6	11.1	473	3.06	8.2	2.1	2.7	7.6	15	0.2	0.4	0.4	65	0.25	0.072
1114968	Soil	0.9	15.5	20.9	61	<0.1	19.0	9.4	494	2.71	5.6	3.5	2.3	4.7	19	0.1	0.4	0.3	58	0.26	0.060
1114962	Soil	1.0	14.5	14.4	61	0.1	14.3	7.5	586	2.11	3.7	4.3	1.3	1.4	22	0.5	0.4	0.3	47	0.25	0.070
1114965	Soil	1.2	24.1	18.7	80	0.2	22.7	11.4	748	3.35	8.5	4.1	1.8	2.9	25	0.3	0.4	0.6	71	0.28	0.062
1114975	Soil	0.9	14.5	10.5	64	<0.1	14.4	5.8	221	2.29	4.9	2.5	1.3	1.3	22	0.2	0.3	0.3	54	0.22	0.059
1114973	Soil	0.8	15.5	10.8	55	0.1	16.0	6.3	218	2.46	6.3	2.0	2.5	2.2	17	0.1	0.3	0.3	56	0.20	0.054
1114960	Soil	1.1	19.8	14.0	68	<0.1	16.1	8.0	414	2.93	5.6	3.2	1.9	2.3	17	0.2	0.5	0.4	63	0.23	0.062
1114964	Soil	0.8	14.9	10.5	62	<0.1	20.4	10.0	505	2.74	4.8	2.2	1.0	4.6	18	0.1	0.4	0.5	57	0.28	0.066
1114959	Soil	0.8	13.6	10.1	58	<0.1	16.1	8.3	405	2.44	4.9	2.1	1.1	6.1	15	0.1	0.4	0.2	52	0.29	0.081
1114963	Soil	0.8	16.2	11.4	67	<0.1	19.2	9.6	496	2.69	5.2	2.5	3.2	4.9	20	0.2	0.4	0.4	57	0.30	0.066
1114976	Soil	0.9	16.9	11.0	74	<0.1	18.9	9.4	408	2.94	6.7	1.9	2.7	4.8	16	0.2	0.4	0.3	62	0.25	0.071

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Project: ECH
Report Date: August 09, 2011

CERTIFICATE OF ANALYSIS DAW11000078.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1114974	Soil	13	34	0.56	161	0.089	1	2.13	0.011	0.12	0.1	0.03	4.1	0.2	<0.05	7	0.9	<0.2
1114972	Soil	28	40	0.56	331	0.089	1	2.87	0.014	0.15	0.2	0.06	7.0	0.3	0.05	9	0.6	<0.2
1114955	Soil	14	24	0.46	90	0.094	1	1.34	0.013	0.11	0.7	0.03	3.0	0.1	<0.05	6	<0.5	<0.2
1114977	Soil	15	32	0.45	212	0.067	<1	2.15	0.012	0.14	0.2	0.05	4.3	0.2	0.07	7	0.7	<0.2
1114971	Soil	20	29	0.59	188	0.117	1	1.94	0.011	0.19	0.2	0.03	5.2	0.3	<0.05	7	<0.5	<0.2
1114969	Soil	18	31	0.59	157	0.101	<1	1.71	0.011	0.14	0.2	0.02	4.2	0.2	<0.05	6	<0.5	<0.2
1114956	Soil	16	33	0.56	124	0.104	<1	2.04	0.011	0.12	0.6	0.02	3.8	0.2	<0.05	7	0.5	<0.2
1114968	Soil	19	32	0.52	165	0.092	<1	1.65	0.011	0.13	0.2	0.02	4.2	0.2	<0.05	6	<0.5	<0.2
1114962	Soil	26	24	0.38	204	0.061	<1	1.37	0.016	0.14	0.2	0.05	4.3	0.2	0.07	5	<0.5	<0.2
1114965	Soil	22	37	0.54	287	0.074	1	2.36	0.015	0.18	0.2	0.03	5.8	0.2	<0.05	9	<0.5	<0.2
1114975	Soil	12	25	0.41	156	0.079	<1	1.59	0.011	0.12	0.1	0.02	2.9	0.2	0.07	7	0.5	<0.2
1114973	Soil	13	28	0.45	153	0.077	<1	1.83	0.011	0.09	0.1	0.04	3.7	0.2	<0.05	7	<0.5	<0.2
1114960	Soil	18	31	0.52	229	0.080	3	1.74	0.011	0.18	0.2	0.03	4.1	0.3	<0.05	8	<0.5	<0.2
1114964	Soil	16	37	0.63	183	0.104	<1	1.67	0.011	0.20	0.2	0.01	4.1	0.2	<0.05	6	0.7	<0.2
1114959	Soil	16	25	0.44	118	0.083	<1	1.39	0.011	0.13	0.4	0.02	3.6	0.2	<0.05	5	<0.5	<0.2
1114963	Soil	16	32	0.60	181	0.097	<1	1.67	0.012	0.14	0.2	0.02	4.4	0.2	<0.05	6	<0.5	<0.2
1114976	Soil	15	31	0.56	126	0.111	<1	1.82	0.008	0.18	0.2	0.01	3.5	0.2	<0.05	7	<0.5	<0.2

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Project: ECH
Report Date: August 09, 2011

QUALITY CONTROL REPORT DAW11000078.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1114155	Soil	0.4	22.2	15.4	68	<0.1	21.4	8.7	194	2.69	5.3	8.6	5.7	5.1	24	0.2	0.5	0.3	59	0.35	0.061
REP 1114155	QC	0.4	23.2	16.1	70	<0.1	21.8	8.7	198	2.71	5.7	8.7	2.8	5.6	25	0.2	0.5	0.3	59	0.37	0.061
1115982	Soil	1.2	22.1	10.4	48	<0.1	25.3	13.9	401	3.04	8.4	0.7	1.6	7.5	15	0.2	0.6	0.2	70	0.14	0.037
REP 1115982	QC	1.2	21.8	10.3	47	<0.1	25.5	14.1	397	3.02	8.3	0.7	2.1	7.3	15	0.1	0.6	0.2	70	0.15	0.036
1115988	Soil	0.8	21.7	8.2	59	<0.1	24.6	11.8	414	3.02	4.1	1.6	1.9	12.6	22	<0.1	0.3	0.2	64	0.30	0.045
REP 1115988	QC	0.8	22.0	8.0	59	<0.1	24.2	11.9	417	3.06	4.3	1.6	2.4	12.5	22	0.1	0.3	0.2	63	0.29	0.045
1115375	Soil	1.0	14.7	27.8	49	<0.1	16.9	8.0	295	2.66	7.6	1.0	<0.5	3.6	15	0.2	0.5	0.3	70	0.16	0.015
REP 1115375	QC	1.1	14.4	27.0	48	<0.1	16.9	7.7	293	2.67	7.4	1.0	5.0	3.6	15	0.1	0.4	0.3	68	0.16	0.016
1115572	Soil	0.5	16.3	12.1	57	<0.1	16.4	6.7	297	1.94	5.4	4.3	3.7	3.8	16	0.2	0.4	2.0	47	0.25	0.061
REP 1115572	QC	0.5	16.2	12.4	55	<0.1	16.1	6.6	287	1.92	5.1	4.3	4.9	4.0	16	0.2	0.4	2.0	47	0.26	0.061
1115578	Soil	0.6	18.6	10.8	67	<0.1	19.1	8.4	398	2.51	7.2	5.2	4.1	4.1	19	0.2	0.4	1.0	55	0.28	0.078
REP 1115578	QC	0.7	18.7	10.4	68	<0.1	18.0	8.2	381	2.44	7.0	5.1	3.3	4.1	19	0.3	0.5	1.0	54	0.28	0.075
1115425	Soil	1.1	34.6	13.5	73	0.1	30.8	13.7	340	3.41	11.3	1.3	2.8	6.7	22	0.3	0.7	0.2	70	0.19	0.031
REP 1115425	QC	1.2	34.7	13.3	73	<0.1	29.9	14.3	353	3.50	11.4	1.3	8.2	6.9	22	0.3	0.5	0.3	71	0.18	0.034
1115412	Soil	0.7	10.5	33.0	47	<0.1	13.3	8.0	537	2.16	5.9	1.6	2.7	4.4	15	0.1	0.3	0.8	42	0.19	0.055
REP 1115412	QC	0.7	10.4	33.3	48	<0.1	12.6	7.8	527	2.06	5.6	1.7	0.6	4.4	15	0.2	0.3	0.8	42	0.19	0.050
1115403	Soil	0.9	16.9	20.1	61	<0.1	16.9	9.2	665	2.22	6.3	3.6	1.3	2.4	20	0.2	0.4	1.1	50	0.25	0.054
REP 1115403	QC	0.9	17.6	19.7	64	<0.1	17.6	9.4	646	2.15	6.3	3.4	4.2	2.5	20	0.2	0.4	1.0	50	0.24	0.051
1114118	Soil	1.0	12.0	9.8	34	<0.1	11.6	5.2	209	2.25	5.1	1.0	2.4	2.1	13	0.2	0.4	0.2	58	0.15	0.049
REP 1114118	QC	1.0	12.3	10.4	36	<0.1	11.6	5.3	209	2.34	5.7	1.1	2.8	2.3	14	0.3	0.4	0.3	59	0.16	0.051
1066903	Soil	0.9	20.3	8.9	98	<0.1	20.1	10.6	442	3.74	6.2	8.2	1.1	19.3	12	<0.1	0.2	0.6	32	0.15	0.045
REP 1066903	QC	0.9	20.9	8.8	95	<0.1	19.6	10.1	439	3.73	6.3	8.3	0.9	19.7	12	<0.1	0.2	0.7	32	0.15	0.045
1114570	Soil	1.1	9.3	11.6	30	<0.1	8.3	3.6	152	1.85	4.7	0.5	3.2	2.5	9	0.1	0.3	0.2	52	0.07	0.016
REP 1114570	QC	1.0	9.9	11.1	30	<0.1	8.1	3.8	152	1.91	4.6	0.5	1.5	2.5	9	<0.1	0.2	0.2	51	0.08	0.015
1114576	Soil	1.1	11.7	9.6	27	<0.1	10.6	4.6	116	2.57	5.8	0.5	1.3	2.9	11	<0.1	0.4	0.2	66	0.08	0.017
REP 1114576	QC	1.1	11.7	9.6	26	<0.1	10.9	4.5	118	2.51	6.1	0.5	1.2	3.0	11	<0.1	0.4	0.2	67	0.08	0.017
1114596	Soil	0.4	18.4	6.8	69	<0.1	15.2	21.0	573	5.27	3.9	0.8	<0.5	6.7	20	<0.1	0.1	0.3	155	0.41	0.050
REP 1114596	QC	0.5	18.0	6.5	68	<0.1	15.7	20.9	556	5.02	3.8	0.9	<0.5	6.5	20	<0.1	<0.1	0.3	151	0.40	0.048

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

Project: ECH
Report Date: August 09, 2011

QUALITY CONTROL REPORT DAW11000078.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1114155	Soil	14	33	0.46	138	0.092	2	1.65	0.017	0.07	0.2	0.03	4.5	0.1	<0.05	5	<0.5	<0.2
REP 1114155	QC	15	33	0.49	150	0.094	1	1.76	0.018	0.07	0.2	0.04	4.4	0.1	<0.05	5	<0.5	<0.2
1115982	Soil	10	40	0.45	163	0.088	2	3.26	0.013	0.05	0.1	0.04	3.8	0.1	<0.05	6	<0.5	<0.2
REP 1115982	QC	10	40	0.46	164	0.087	2	3.39	0.014	0.05	0.1	0.04	3.9	0.1	<0.05	6	<0.5	<0.2
1115988	Soil	38	43	0.74	174	0.144	<1	1.96	0.014	0.29	0.2	0.03	5.5	0.4	<0.05	7	<0.5	<0.2
REP 1115988	QC	38	43	0.73	176	0.140	<1	1.95	0.014	0.29	0.2	0.03	5.3	0.4	<0.05	7	<0.5	<0.2
1115375	Soil	9	30	0.40	105	0.094	3	1.75	0.009	0.07	0.1	<0.01	2.4	0.1	<0.05	7	<0.5	<0.2
REP 1115375	QC	9	29	0.39	104	0.090	2	1.79	0.014	0.07	0.1	<0.01	2.5	0.1	<0.05	7	<0.5	<0.2
1115572	Soil	12	26	0.42	134	0.079	1	1.39	0.013	0.07	0.2	0.04	2.7	0.1	<0.05	4	<0.5	<0.2
REP 1115572	QC	12	25	0.41	131	0.079	2	1.35	0.011	0.07	0.2	0.02	2.7	0.1	<0.05	4	<0.5	<0.2
1115578	Soil	14	29	0.53	177	0.082	1	1.75	0.011	0.10	0.2	0.01	3.4	0.1	<0.05	6	<0.5	<0.2
REP 1115578	QC	14	28	0.53	171	0.082	1	1.74	0.011	0.10	0.3	0.02	3.3	0.1	<0.05	5	<0.5	<0.2
1115425	Soil	24	38	0.60	214	0.083	2	3.00	0.015	0.08	0.1	0.05	5.1	0.1	<0.05	6	<0.5	<0.2
REP 1115425	QC	25	39	0.61	220	0.083	1	3.02	0.014	0.08	0.1	0.06	5.4	0.2	<0.05	6	0.5	<0.2
1115412	Soil	10	20	0.30	84	0.042	1	1.44	0.008	0.07	0.1	0.02	1.8	0.1	<0.05	4	<0.5	<0.2
REP 1115412	QC	9	19	0.28	81	0.040	<1	1.34	0.008	0.07	0.1	0.02	1.8	<0.1	<0.05	5	<0.5	<0.2
1115403	Soil	11	25	0.35	150	0.056	1	1.42	0.011	0.07	0.1	0.03	2.3	0.1	<0.05	5	<0.5	<0.2
REP 1115403	QC	11	25	0.35	150	0.056	<1	1.46	0.012	0.07	0.1	0.03	2.1	0.1	<0.05	5	<0.5	<0.2
1114118	Soil	8	21	0.28	72	0.084	2	1.31	0.008	0.08	0.2	0.07	1.9	0.1	<0.05	6	<0.5	<0.2
REP 1114118	QC	8	21	0.29	71	0.088	2	1.34	0.009	0.08	0.3	0.07	1.9	0.2	<0.05	6	<0.5	<0.2
1066903	Soil	38	20	0.34	112	0.078	1	1.26	0.008	0.31	0.1	0.02	2.6	1.1	<0.05	5	<0.5	<0.2
REP 1066903	QC	38	20	0.34	109	0.078	2	1.26	0.007	0.31	0.1	0.02	2.8	1.0	<0.05	5	0.5	<0.2
1114570	Soil	9	18	0.23	62	0.068	<1	1.23	0.012	0.08	0.1	0.02	1.8	0.2	<0.05	7	<0.5	<0.2
REP 1114570	QC	9	18	0.23	61	0.071	1	1.25	0.014	0.08	0.1	0.02	1.8	0.2	<0.05	7	<0.5	<0.2
1114576	Soil	10	21	0.20	75	0.070	<1	1.64	0.010	0.04	<0.1	0.02	1.6	0.1	<0.05	8	<0.5	<0.2
REP 1114576	QC	10	20	0.21	78	0.072	<1	1.70	0.010	0.04	<0.1	0.01	1.8	0.1	<0.05	8	<0.5	<0.2
1114596	Soil	11	44	1.40	204	0.366	1	3.28	0.021	1.05	0.3	0.01	6.4	0.8	<0.05	13	<0.5	<0.2
REP 1114596	QC	11	43	1.35	198	0.358	1	3.16	0.021	1.03	0.3	<0.01	6.3	0.9	<0.05	13	<0.5	<0.2

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

Project: ECH
Report Date: August 09, 2011

QUALITY CONTROL REPORT DAW11000078.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1115022	Soil	0.5	11.0	12.7	55	<0.1	12.5	7.5	347	2.23	6.1	4.1	1.0	2.2	12	0.1	0.3	1.0	48	0.17	0.052
REP 1115022	QC	0.6	10.7	12.6	57	0.1	11.4	7.4	341	2.19	6.1	3.9	1.4	2.4	12	0.2	0.3	1.1	49	0.18	0.052
1115007	Soil	0.4	17.8	11.8	67	<0.1	18.1	8.3	421	2.24	5.6	4.7	2.4	3.3	18	0.2	0.4	2.0	50	0.25	0.060
REP 1115007	QC	0.4	17.2	11.8	66	<0.1	17.7	8.3	424	2.21	5.0	4.7	4.4	3.4	19	0.2	0.4	2.1	49	0.26	0.057
1114964	Soil	0.8	14.9	10.5	62	<0.1	20.4	10.0	505	2.74	4.8	2.2	1.0	4.6	18	0.1	0.4	0.5	57	0.28	0.066
REP 1114964	QC	0.6	14.8	10.4	62	<0.1	21.3	10.0	507	2.64	4.9	2.2	4.3	4.6	18	0.2	0.4	0.5	58	0.28	0.065
Reference Materials																					
STD DS8	Standard	13.1	107.3	130.5	315	1.8	36.7	7.3	620	2.50	27.1	2.9	112.6	7.3	58	2.4	4.6	5.4	42	0.71	0.080
STD DS8	Standard	13.3	104.7	122.2	313	1.9	35.9	7.2	628	2.54	26.8	2.8	119.5	6.9	73	2.3	5.7	6.9	42	0.74	0.084
STD DS8	Standard	12.5	102.8	114.8	292	1.8	36.9	7.4	603	2.39	22.9	2.5	106.2	6.0	63	2.2	5.1	5.7	41	0.66	0.071
STD DS8	Standard	13.0	106.2	119.1	300	1.7	36.1	7.4	597	2.39	24.5	2.6	102.8	6.6	63	2.3	5.2	6.0	41	0.67	0.079
STD DS8	Standard	13.0	107.7	130.6	305	1.8	39.3	7.6	620	2.47	26.1	2.8	105.0	6.7	65	2.2	5.3	5.9	42	0.66	0.074
STD DS8	Standard	12.1	100.1	121.3	312	1.8	35.6	6.9	606	2.46	25.8	2.7	107.9	6.9	64	2.2	5.6	6.2	41	0.68	0.077
STD DS8	Standard	13.0	103.3	123.4	309	1.6	35.8	7.2	614	2.48	26.5	2.9	108.1	7.1	67	2.1	5.4	6.2	42	0.72	0.080
STD DS8	Standard	12.6	101.6	111.1	277	1.6	35.1	7.2	551	2.16	24.1	2.6	102.0	6.3	62	2.1	5.3	6.4	39	0.61	0.073
STD DS8	Standard	12.9	108.3	118.4	318	1.8	37.1	7.2	595	2.48	25.9	2.7	100.8	6.8	66	2.2	5.6	6.5	40	0.67	0.076
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Vancouver BC V6C 1H2 Canada

Project: ECH
Report Date: August 09, 2011

QUALITY CONTROL REPORT DAW11000078.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1115022	Soil	9	24	0.30	129	0.046	2	1.63	0.009	0.06	0.1	0.07	2.7	0.2	<0.05	5	<0.5	<0.2
REP 1115022	QC	9	24	0.30	126	0.048	1	1.60	0.009	0.06	0.1	0.06	2.6	0.1	<0.05	5	<0.5	<0.2
1115007	Soil	11	27	0.40	141	0.063	<1	1.45	0.010	0.07	<0.1	0.03	3.8	0.1	<0.05	4	0.5	<0.2
REP 1115007	QC	11	26	0.39	140	0.067	2	1.43	0.011	0.06	0.1	0.03	3.8	<0.1	<0.05	4	0.7	<0.2
1114964	Soil	16	37	0.63	183	0.104	<1	1.67	0.011	0.20	0.2	0.01	4.1	0.2	<0.05	6	0.7	<0.2
REP 1114964	QC	16	37	0.65	180	0.107	<1	1.66	0.011	0.20	0.2	0.02	4.0	0.2	<0.05	6	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	15	119	0.55	291	0.121	3	0.94	0.102	0.43	3.1	0.21	2.1	5.5	0.16	5	4.4	4.7
STD DS8	Standard	17	115	0.63	290	0.121	3	0.96	0.093	0.43	3.2	0.21	2.3	5.5	0.13	5	5.1	5.6
STD DS8	Standard	14	112	0.59	264	0.106	1	0.87	0.085	0.38	2.7	0.20	2.4	4.8	0.14	5	5.0	5.0
STD DS8	Standard	15	111	0.59	274	0.111	2	0.87	0.090	0.39	2.9	0.20	2.0	5.3	0.15	5	4.9	4.8
STD DS8	Standard	15	119	0.63	275	0.106	4	0.92	0.089	0.42	3.1	0.20	1.9	5.6	0.13	5	5.4	4.9
STD DS8	Standard	14	116	0.59	267	0.110	3	0.88	0.091	0.42	2.9	0.20	1.9	5.1	0.11	5	5.1	4.2
STD DS8	Standard	16	115	0.63	293	0.116	2	0.94	0.101	0.42	3.0	0.22	2.2	5.4	0.15	5	5.5	5.2
STD DS8	Standard	14	116	0.56	263	0.110	3	0.89	0.102	0.42	2.7	0.16	2.0	4.9	0.12	4	4.2	4.3
STD DS8	Standard	14	115	0.60	272	0.102	3	0.91	0.098	0.40	3.0	0.21	2.1	5.4	0.14	5	5.5	5.1
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

www.acmelab.com

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

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: August 09, 2011
Report Date: August 11, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS DAW11000078A.1

CLIENT JOB INFORMATION

Project: ECH
Shipment ID:
P.O. Number
Number of Samples: 1

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

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

ADDITIONAL COMMENTS

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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

Project: ECH
Report Date: August 11, 2011

CERTIFICATE OF ANALYSIS DAW11000078A.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1114123	Soil	0.5	16.2	11.0	51	0.1	17.1	7.1	180	2.30	5.8	5.1	0.8	4.0	24	0.1	0.5	0.2	53	0.29	0.051

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

Project: ECH
Report Date: August 11, 2011

CERTIFICATE OF ANALYSIS DAW11000078A.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1114123 Soil	12	31	0.52	183	0.104	1	1.88	0.014	0.06	0.2	0.04	3.8	0.2	<0.05	6	<0.5	<0.2

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

Project: ECH
Report Date: August 11, 2011

QUALITY CONTROL REPORT DAW11000078A.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Reference Materials																					
STD DS8	Standard	13.0	111.6	121.5	310	1.8	37.5	7.4	573	2.36	26.4	2.7	104.8	6.6	67	2.4	5.8	6.8	40	0.65	0.074
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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

Project: ECH
Report Date: August 11, 2011

QUALITY CONTROL REPORT DAW11000078A.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Reference Materials																		
STD DS8	Standard	15	112	0.59	277	0.122	2	0.87	0.090	0.42	3.0	0.19	2.3	5.2	0.17	4	5.0	4.5
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: July 25, 2011
Report Date: August 12, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS DAW11000085.1

CLIENT JOB INFORMATION

Project: ECH
Shipment ID: ECH2011-13
P.O. Number
Number of Samples: 320

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

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

ADDITIONAL COMMENTS

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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

Project: ECH
Report Date: August 12, 2011

CERTIFICATE OF ANALYSIS DAW11000085.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1114088	Soil	0.7	18.0	19.5	60	<0.1	17.4	7.9	299	2.49	5.1	3.4	1.0	14.9	24	0.1	0.4	0.5	51	0.30	0.052
1117370	Soil	1.0	21.7	26.6	95	0.1	21.2	9.6	285	3.25	8.7	9.4	1.9	18.7	26	0.3	0.4	0.6	60	0.31	0.062
1114086	Soil	1.0	21.4	14.8	75	<0.1	21.3	9.7	304	3.31	7.8	4.3	1.0	15.7	27	0.2	0.4	0.7	62	0.30	0.055
1114090	Soil	1.0	18.4	12.8	56	<0.1	19.5	9.1	337	2.72	6.2	3.3	1.5	14.6	24	<0.1	0.3	0.5	55	0.29	0.046
1114089	Soil	1.0	21.5	13.9	60	0.2	17.9	7.5	282	2.68	7.5	2.9	1.7	12.4	26	0.1	0.3	0.7	52	0.26	0.040
1114091	Soil	1.1	16.9	16.5	58	<0.1	18.0	13.0	844	2.70	5.6	3.0	<0.5	14.0	25	0.1	0.3	0.7	55	0.26	0.057
1114087	Soil	1.6	37.1	29.9	78	0.3	25.7	19.8	936	3.95	11.0	9.5	4.3	14.0	69	0.1	0.4	0.9	69	0.94	0.070
1114002	Soil	0.7	12.4	14.9	35	<0.1	13.4	4.3	177	1.82	4.2	0.8	1.2	5.8	18	<0.1	0.2	0.3	45	0.17	0.026
1114010	Soil	0.8	20.1	11.8	59	<0.1	13.1	7.4	225	2.78	7.6	3.9	2.8	14.6	18	0.2	0.4	0.6	54	0.25	0.064
1114007	Soil	0.7	19.3	10.8	55	<0.1	17.4	8.0	252	2.26	5.5	1.4	3.6	5.3	30	0.2	0.4	0.3	54	0.41	0.057
1114009	Soil	0.6	15.4	12.1	57	0.1	13.8	7.4	225	2.18	4.5	3.2	0.9	7.3	26	0.2	0.3	0.6	46	0.29	0.053
1114099	Soil	1.5	28.3	26.1	68	<0.1	21.2	18.9	844	4.05	9.8	4.6	0.9	25.4	31	<0.1	0.4	2.0	89	0.28	0.039
1114008	Soil	0.7	22.1	11.5	65	<0.1	19.0	11.2	459	2.79	6.7	2.0	4.0	7.0	32	0.1	0.4	0.4	62	0.43	0.059
1114006	Soil	0.6	23.0	10.4	56	0.1	18.0	8.3	237	2.34	6.1	1.8	3.9	5.6	33	0.2	0.4	0.3	55	0.41	0.055
1114004	Soil	0.7	24.8	10.7	61	<0.1	20.9	9.1	267	2.64	6.4	1.9	2.6	7.5	33	0.1	0.4	0.3	58	0.43	0.060
1114016	Soil	0.7	13.1	16.5	58	0.2	13.1	8.2	372	2.34	4.8	3.4	<0.5	4.5	22	0.2	0.3	0.4	40	0.23	0.049
1114100	Soil	1.0	15.8	14.8	59	<0.1	15.5	7.7	337	2.82	6.9	3.2	1.0	16.6	24	<0.1	0.3	0.8	59	0.31	0.051
1114001	Soil	0.7	12.9	16.4	54	<0.1	11.7	7.5	373	2.50	4.6	4.2	1.0	21.4	18	<0.1	0.3	0.6	43	0.30	0.084
1114003	Soil	0.9	20.9	14.3	63	<0.1	15.1	7.6	394	2.75	5.0	5.1	3.4	20.7	25	<0.1	0.5	0.4	53	0.32	0.067
1114093	Soil	0.7	10.5	10.7	50	<0.1	13.5	7.3	274	2.11	3.7	2.8	1.5	12.2	15	<0.1	0.3	0.6	42	0.18	0.050
1114094	Soil	0.6	15.6	9.8	51	<0.1	14.9	7.6	229	2.31	5.8	3.3	0.6	19.0	19	0.1	0.3	0.9	52	0.27	0.046
1114013	Soil	0.5	11.4	10.2	45	0.1	10.7	4.9	148	1.73	3.4	2.3	<0.5	5.3	17	0.1	0.2	0.4	33	0.26	0.072
1114017	Soil	0.7	14.7	11.1	55	0.1	12.9	14.0	596	2.40	5.8	3.1	1.1	5.2	20	0.1	0.3	0.4	42	0.25	0.056
1114014	Soil	0.5	11.5	13.9	46	0.2	11.2	4.2	134	1.87	5.5	2.6	0.7	4.3	16	<0.1	0.3	0.4	35	0.18	0.042
1114018	Soil	0.7	18.6	12.8	56	0.1	13.4	7.5	274	2.53	5.5	4.3	1.9	5.5	23	0.2	0.3	0.4	43	0.23	0.060
1114005	Soil	0.8	31.8	10.9	63	0.1	22.8	9.9	333	2.75	7.7	1.8	1.9	7.0	39	0.1	0.4	0.3	61	0.56	0.070
1114015	Soil	0.5	10.4	25.6	46	0.3	9.5	3.6	109	1.66	6.1	3.1	0.7	4.1	15	0.2	0.3	0.5	33	0.20	0.051
1114012	Soil	0.8	22.1	9.1	38	0.1	13.0	6.8	185	1.95	4.1	4.1	<0.5	2.6	32	0.2	0.2	0.4	31	0.30	0.062
1114095	Soil	0.7	11.0	9.3	43	<0.1	13.8	6.3	185	2.36	4.8	1.9	2.3	13.0	18	<0.1	0.2	0.5	49	0.23	0.039
1114098	Soil	1.6	37.1	27.0	69	<0.1	22.7	20.2	870	4.36	9.9	6.0	1.7	30.2	33	<0.1	0.4	1.3	92	0.32	0.037

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

Project: ECH
Report Date: August 12, 2011

CERTIFICATE OF ANALYSIS DAW11000085.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1114088	Soil		36	32	0.44	161	0.104	2	1.65	0.017	0.16	0.2	0.03	4.2	0.3	<0.05	5	0.6	<0.2
1117370	Soil		54	38	0.47	203	0.082	3	2.39	0.016	0.17	0.3	0.06	6.4	0.3	<0.05	8	1.3	<0.2
1114086	Soil		42	38	0.49	214	0.089	<1	2.67	0.013	0.15	0.3	0.04	5.3	0.2	<0.05	7	<0.5	<0.2
1114090	Soil		34	37	0.42	166	0.093	<1	1.90	0.015	0.13	0.2	0.03	3.9	0.3	<0.05	6	0.5	<0.2
1114089	Soil		41	31	0.41	181	0.084	3	2.01	0.016	0.16	0.2	0.03	4.3	0.2	<0.05	8	0.5	<0.2
1114091	Soil		38	31	0.37	164	0.096	<1	1.74	0.015	0.18	0.3	0.01	3.5	0.3	<0.05	7	<0.5	<0.2
1114087	Soil		95	41	0.45	282	0.066	2	3.20	0.018	0.15	0.3	0.06	7.1	0.2	<0.05	9	1.0	<0.2
1114002	Soil		16	15	0.24	85	0.079	<1	1.26	0.018	0.09	0.2	0.02	1.8	0.2	<0.05	5	<0.5	<0.2
1114010	Soil		27	30	0.34	167	0.117	<1	2.13	0.009	0.19	0.2	0.08	4.6	0.3	<0.05	6	<0.5	<0.2
1114007	Soil		17	28	0.46	186	0.080	<1	1.62	0.019	0.07	0.2	0.04	3.6	0.1	<0.05	5	<0.5	<0.2
1114009	Soil		24	26	0.36	174	0.078	<1	1.78	0.012	0.11	0.2	0.06	3.8	0.3	<0.05	6	<0.5	<0.2
1114099	Soil		52	40	0.59	247	0.130	<1	3.02	0.014	0.20	0.5	0.03	5.2	0.3	<0.05	11	0.8	<0.2
1114008	Soil		20	32	0.47	223	0.086	2	1.82	0.018	0.08	0.2	0.04	4.3	0.1	<0.05	6	0.6	<0.2
1114006	Soil		19	28	0.44	223	0.082	<1	1.69	0.021	0.07	0.2	0.05	3.9	0.1	<0.05	5	<0.5	<0.2
1114004	Soil		27	31	0.52	208	0.099	<1	1.77	0.023	0.09	0.2	0.04	4.0	0.1	<0.05	5	<0.5	<0.2
1114016	Soil		16	24	0.36	139	0.070	1	1.68	0.012	0.13	0.1	0.06	2.7	0.3	<0.05	5	0.7	<0.2
1114100	Soil		38	30	0.42	144	0.099	<1	1.79	0.012	0.13	0.3	0.02	3.9	0.2	<0.05	6	<0.5	<0.2
1114001	Soil		46	20	0.29	106	0.076	<1	1.20	0.011	0.17	0.4	0.02	3.5	0.2	<0.05	5	<0.5	<0.2
1114003	Soil		64	26	0.37	136	0.097	<1	1.57	0.018	0.15	0.3	0.03	4.7	0.2	<0.05	5	<0.5	<0.2
1114093	Soil		30	26	0.30	79	0.090	<1	1.34	0.016	0.16	0.3	0.02	2.6	0.3	<0.05	5	<0.5	<0.2
1114094	Soil		51	29	0.38	117	0.119	<1	1.46	0.016	0.19	0.3	0.02	3.9	0.3	<0.05	5	0.6	<0.2
1114013	Soil		16	21	0.29	114	0.081	<1	1.52	0.010	0.15	0.1	0.05	2.5	0.3	<0.05	5	0.6	<0.2
1114017	Soil		19	23	0.35	140	0.083	<1	1.65	0.012	0.13	0.2	0.05	2.8	0.2	<0.05	5	<0.5	<0.2
1114014	Soil		16	22	0.31	98	0.102	<1	1.52	0.010	0.21	0.1	0.06	2.6	0.3	<0.05	5	<0.5	<0.2
1114018	Soil		23	24	0.36	163	0.085	1	1.90	0.013	0.16	0.1	0.08	3.4	0.3	<0.05	6	<0.5	<0.2
1114005	Soil		21	31	0.57	238	0.096	<1	1.74	0.027	0.09	0.2	0.04	4.3	0.1	<0.05	5	0.6	<0.2
1114015	Soil		16	18	0.26	83	0.074	<1	1.26	0.011	0.14	0.2	0.06	2.1	0.2	<0.05	4	<0.5	<0.2
1114012	Soil		25	18	0.23	178	0.051	<1	1.49	0.014	0.11	<0.1	0.06	2.6	0.2	<0.05	5	0.8	<0.2
1114095	Soil		37	25	0.38	101	0.100	<1	1.59	0.019	0.12	0.4	0.01	2.8	0.3	<0.05	5	<0.5	<0.2
1114098	Soil		60	43	0.55	271	0.126	<1	3.24	0.014	0.19	0.3	0.03	6.2	0.3	<0.05	11	<0.5	<0.2

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

Project: ECH
Report Date: August 12, 2011

CERTIFICATE OF ANALYSIS DAW11000085.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1114096	Soil	0.7	13.3	11.0	53	<0.1	18.7	7.8	309	2.34	4.1	4.0	1.7	18.4	23	0.1	0.3	1.1	48	0.32	0.064
1114097	Soil	0.7	18.4	12.7	46	<0.1	17.5	8.5	307	2.41	4.5	4.5	1.8	18.8	21	<0.1	0.3	1.4	49	0.25	0.054
1114092	Soil	1.1	23.7	14.0	48	0.2	19.6	7.2	214	2.64	5.8	3.9	<0.5	16.7	32	0.2	0.2	0.9	57	0.31	0.031
1114011	Soil	0.7	17.8	12.0	54	<0.1	12.4	6.6	192	2.83	7.4	2.7	1.2	10.9	17	0.2	0.3	0.4	49	0.24	0.060
1117337	Soil	0.7	12.7	11.4	50	<0.1	12.5	6.9	602	2.19	4.2	9.6	<0.5	0.9	20	0.1	0.3	0.3	49	0.20	0.097
1117351	Soil	1.1	12.4	13.3	59	0.2	15.2	14.7	1078	4.08	7.7	23.1	0.5	3.8	21	0.2	0.4	0.8	59	0.28	0.079
1117364	Soil	0.3	2.6	2.6	15	<0.1	1.5	1.2	55	0.57	2.0	0.6	1.8	<0.1	6	<0.1	<0.1	0.1	20	0.06	0.014
1117363	Soil	0.6	12.9	13.3	53	<0.1	14.1	7.3	308	2.67	6.9	1.7	6.3	3.2	11	0.3	0.4	0.3	51	0.14	0.051
1117356	Soil	0.4	12.4	9.4	58	<0.1	15.0	7.2	260	2.12	4.6	2.6	1.2	3.9	16	0.2	0.3	0.2	51	0.28	0.074
1117350	Soil	0.9	15.4	17.4	74	0.2	17.6	8.8	465	3.15	7.7	19.7	0.8	2.8	23	0.2	0.3	0.6	60	0.23	0.080
1117353	Soil	0.6	8.5	9.2	48	<0.1	10.4	8.2	623	2.22	5.3	3.6	<0.5	1.9	13	0.2	0.2	0.3	45	0.16	0.040
1117354	Soil	0.7	12.9	10.5	67	<0.1	16.4	11.4	914	2.64	6.1	6.4	<0.5	2.0	22	0.2	0.3	0.3	55	0.23	0.048
1117367	Soil	0.4	11.4	10.6	57	<0.1	15.7	6.8	335	2.17	5.2	3.7	6.8	4.6	18	0.1	0.3	0.4	46	0.27	0.077
1117366	Soil	0.7	13.1	13.2	67	0.1	17.3	9.6	450	2.71	7.3	3.7	3.5	3.4	17	<0.1	0.3	0.3	56	0.25	0.088
1117355	Soil	0.5	9.1	8.5	46	<0.1	10.4	6.5	450	2.02	4.2	9.9	5.1	1.3	21	0.1	0.2	0.2	46	0.22	0.053
1117365	Soil	1.1	24.7	16.4	67	0.3	32.0	9.4	453	3.10	7.9	10.5	0.6	0.9	16	0.2	0.3	0.4	59	0.17	0.101
1117347	Soil	0.4	11.7	10.4	65	<0.1	14.4	7.4	385	2.32	5.5	13.5	<0.5	5.2	21	0.2	0.3	0.5	45	0.31	0.078
1117345	Soil	0.3	8.7	10.1	54	<0.1	11.8	5.7	332	1.90	3.4	4.6	1.2	7.3	20	<0.1	0.2	0.2	37	0.31	0.080
1117346	Soil	0.3	6.2	9.1	42	<0.1	8.8	3.9	180	1.56	2.8	1.4	6.6	3.9	11	0.1	0.2	0.2	37	0.17	0.057
1117344	Soil	0.4	10.9	8.3	53	<0.1	13.6	6.5	337	2.12	4.5	6.7	<0.5	4.9	22	<0.1	0.2	0.2	42	0.34	0.080
1117352	Soil	0.4	9.9	10.9	66	0.1	14.0	7.3	337	2.21	5.0	9.5	<0.5	4.0	21	<0.1	0.2	0.5	46	0.32	0.079
1117362	Soil	0.7	15.1	13.3	64	0.1	17.3	9.2	395	2.68	7.2	8.0	1.8	2.6	20	<0.1	0.3	0.3	58	0.26	0.088
1117369	Soil	0.6	13.8	13.4	67	0.1	16.9	8.9	440	2.58	5.5	8.3	1.5	1.6	30	0.1	0.2	0.3	53	0.38	0.068
1117341	Soil	0.7	9.6	8.6	53	<0.1	11.1	5.2	272	2.04	4.2	14.7	<0.5	1.7	18	0.1	0.2	0.3	46	0.20	0.043
1117340	Soil	0.8	16.9	11.8	57	0.2	15.1	9.4	513	3.15	8.0	22.3	2.1	1.6	22	<0.1	0.3	0.3	58	0.25	0.071
1117338	Soil	0.7	9.9	7.7	46	<0.1	9.9	4.3	265	1.79	4.3	5.9	<0.5	0.8	16	0.2	0.3	0.3	41	0.16	0.052
1117343	Soil	0.6	13.4	13.3	59	0.2	13.1	5.8	447	2.42	5.1	16.9	2.8	1.2	21	<0.1	0.2	0.3	47	0.24	0.099
1117368	Soil	0.7	11.6	11.0	55	<0.1	12.5	6.8	347	2.31	6.9	3.8	2.0	2.4	18	0.1	0.2	0.3	54	0.24	0.054
1117348	Soil	0.4	8.5	9.4	53	<0.1	13.3	6.8	331	2.10	4.6	3.3	2.8	5.6	15	<0.1	0.3	0.3	43	0.24	0.064
1117361	Soil	0.7	15.1	12.8	62	0.1	17.8	9.0	346	2.65	7.1	7.7	1.6	2.8	19	<0.1	0.3	0.3	58	0.27	0.080

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Project: ECH
Report Date: August 12, 2011

CERTIFICATE OF ANALYSIS DAW11000085.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1114096	Soil		53	40	0.42	118	0.095	<1	1.28	0.013	0.17	1.3	0.02	4.1	0.2	<0.05	5	<0.5	<0.2
1114097	Soil		57	35	0.38	126	0.099	<1	1.60	0.014	0.15	1.6	0.03	3.9	0.2	<0.05	6	0.7	<0.2
1114092	Soil		78	32	0.37	227	0.089	<1	2.26	0.019	0.13	0.3	0.04	4.6	0.2	<0.05	8	0.6	<0.2
1114011	Soil		17	26	0.35	124	0.108	<1	2.11	0.009	0.18	0.2	0.05	3.3	0.3	<0.05	7	0.5	<0.2
1117337	Soil		9	25	0.40	130	0.049	1	1.48	0.014	0.07	0.1	0.03	3.1	0.3	<0.05	6	<0.5	<0.2
1117351	Soil		15	28	0.45	155	0.075	1	1.92	0.011	0.10	0.1	0.06	4.1	0.3	<0.05	6	<0.5	<0.2
1117364	Soil		2	4	0.07	30	0.031	<1	0.25	0.016	0.03	<0.1	<0.01	0.4	<0.1	0.12	3	<0.5	<0.2
1117363	Soil		9	25	0.40	80	0.064	<1	1.97	0.012	0.07	0.2	0.03	2.3	0.2	0.12	6	<0.5	<0.2
1117356	Soil		13	25	0.51	109	0.086	<1	1.62	0.011	0.08	0.2	0.03	3.1	0.1	0.11	5	0.9	<0.2
1117350	Soil		15	32	0.50	189	0.072	<1	2.67	0.013	0.13	0.2	0.08	4.5	0.3	0.10	9	<0.5	<0.2
1117353	Soil		7	19	0.32	104	0.065	<1	1.83	0.015	0.05	<0.1	0.03	2.1	0.1	0.10	6	0.7	<0.2
1117354	Soil		13	26	0.52	188	0.073	<1	1.98	0.013	0.07	0.1	<0.01	2.7	0.2	0.10	7	<0.5	<0.2
1117367	Soil		13	23	0.43	117	0.073	<1	1.37	0.011	0.09	0.3	0.01	2.4	0.1	0.09	5	<0.5	<0.2
1117366	Soil		12	28	0.53	123	0.077	<1	1.89	0.011	0.15	0.3	0.02	3.0	0.2	0.09	6	0.7	<0.2
1117355	Soil		9	20	0.38	148	0.059	<1	1.56	0.017	0.06	<0.1	0.04	2.1	0.1	0.10	6	<0.5	<0.2
1117365	Soil		11	51	0.61	179	0.059	<1	2.54	0.014	0.17	0.2	0.05	3.2	0.3	0.13	9	<0.5	<0.2
1117347	Soil		16	25	0.54	111	0.082	<1	1.63	0.013	0.13	0.2	<0.01	3.2	0.2	0.06	6	<0.5	<0.2
1117345	Soil		19	20	0.51	88	0.089	<1	1.16	0.013	0.14	0.1	0.02	2.6	0.2	0.09	5	0.6	<0.2
1117346	Soil		14	17	0.35	48	0.071	<1	1.01	0.010	0.10	<0.1	0.03	1.7	0.2	0.06	5	<0.5	<0.2
1117344	Soil		15	22	0.53	99	0.089	<1	1.31	0.014	0.12	0.1	<0.01	2.5	0.2	0.07	5	<0.5	<0.2
1117352	Soil		13	27	0.49	136	0.080	<1	1.81	0.011	0.12	0.1	0.02	3.1	0.2	0.08	6	0.7	<0.2
1117362	Soil		12	29	0.52	172	0.068	<1	2.13	0.013	0.08	0.2	0.05	3.7	0.2	0.07	7	<0.5	<0.2
1117369	Soil		14	28	0.52	272	0.050	<1	2.22	0.015	0.08	0.1	0.04	3.8	0.2	0.08	7	1.2	<0.2
1117341	Soil		9	21	0.40	114	0.070	<1	1.45	0.015	0.07	<0.1	0.01	2.4	0.2	0.08	6	<0.5	<0.2
1117340	Soil		14	28	0.47	173	0.062	<1	2.09	0.013	0.08	0.1	0.07	3.6	0.3	0.09	7	<0.5	<0.2
1117338	Soil		8	18	0.30	109	0.053	<1	1.11	0.015	0.07	<0.1	0.03	1.7	0.2	0.08	6	<0.5	<0.2
1117343	Soil		12	27	0.49	135	0.054	<1	1.87	0.012	0.11	<0.1	0.04	2.8	0.3	0.09	7	0.8	<0.2
1117368	Soil		11	21	0.39	120	0.068	<1	1.50	0.011	0.07	0.2	0.03	2.5	0.2	0.05	6	1.1	<0.2
1117348	Soil		15	22	0.47	78	0.088	<1	1.36	0.011	0.11	0.1	0.02	2.2	0.2	<0.05	5	<0.5	<0.2
1117361	Soil		13	29	0.53	165	0.066	<1	2.06	0.011	0.08	0.2	0.02	3.8	0.2	0.05	7	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1117336	Soil		0.6	10.0	8.9	52	<0.1	12.3	5.0	176	2.19	6.1	3.8	1.4	2.1	14	0.2	0.3	0.2	52	0.18	0.044
1117349	Soil		0.3	9.6	8.2	61	<0.1	13.8	6.2	337	2.06	4.4	5.6	2.0	5.4	21	<0.1	0.3	0.3	42	0.34	0.092
1117339	Soil		0.5	10.4	8.4	53	<0.1	12.7	5.5	189	1.96	5.1	5.1	<0.5	2.2	18	0.2	0.3	0.2	45	0.25	0.072
1117360	Soil		0.4	4.8	7.1	21	<0.1	5.1	2.6	116	1.08	3.4	1.3	1.5	1.1	7	<0.1	0.2	0.2	39	0.06	0.016
1117358	Soil		0.6	17.3	11.4	63	<0.1	17.3	9.3	407	2.70	7.2	4.9	<0.5	3.9	19	0.2	0.3	0.2	60	0.29	0.075
1117342	Soil		0.5	10.6	9.7	61	<0.1	14.5	6.5	306	2.33	6.3	12.8	1.0	3.5	18	<0.1	0.2	0.3	50	0.26	0.073
1117357	Soil		0.5	11.3	7.7	43	<0.1	12.0	4.7	149	1.81	4.1	2.8	<0.5	1.4	16	<0.1	0.2	0.2	42	0.21	0.050
1117359	Soil		0.7	15.8	14.5	70	0.2	19.3	8.1	246	2.74	7.2	7.5	2.3	2.6	17	0.1	0.4	0.3	58	0.23	0.082
1114508	Soil		1.1	11.7	16.2	70	<0.1	18.6	12.4	646	3.25	9.7	0.9	<0.5	6.0	18	0.1	0.3	0.5	71	0.19	0.030
1114519	Soil		0.4	21.2	15.2	70	<0.1	20.4	9.8	322	3.27	4.4	2.2	<0.5	11.7	26	<0.1	0.3	0.4	53	0.53	0.077
1114511	Soil		1.2	25.3	22.6	90	<0.1	30.8	14.9	359	4.30	42.3	3.1	0.6	11.7	5	<0.1	0.4	0.2	43	0.05	0.030
1114533	Soil		0.7	22.7	27.8	56	<0.1	44.4	20.5	416	2.99	3.8	1.1	<0.5	11.4	40	<0.1	0.2	0.3	43	0.30	0.058
1114532	Soil		0.4	7.4	18.9	25	<0.1	8.2	4.0	106	1.60	5.3	0.6	<0.5	10.0	10	<0.1	0.2	0.2	29	0.08	0.016
1114529	Soil		1.4	38.7	14.7	136	0.1	73.4	24.1	587	4.94	6.1	0.7	<0.5	3.8	30	0.1	0.4	0.2	126	0.32	0.057
1114509	Soil		0.3	19.4	17.4	91	<0.1	41.7	19.2	701	4.24	3.8	1.9	0.9	11.5	9	0.1	0.2	0.3	78	0.14	0.045
1114515	Soil		0.6	18.6	29.8	184	<0.1	27.6	12.8	622	3.99	25.3	2.8	0.5	7.9	14	0.4	0.7	0.4	48	0.12	0.031
1114528	Soil		1.3	22.2	15.4	80	<0.1	30.1	21.3	821	3.54	9.7	1.1	<0.5	16.1	11	<0.1	0.2	0.4	29	0.13	0.048
1114518	Soil		0.6	24.8	17.7	70	<0.1	27.2	11.1	314	3.44	6.9	2.7	2.2	10.2	27	<0.1	0.6	0.9	62	0.50	0.022
1114523	Soil		1.5	11.7	32.9	62	<0.1	8.4	6.2	411	2.31	1.6	3.4	<0.5	19.6	26	0.1	<0.1	0.5	16	0.20	0.074
1114522	Soil		0.5	15.3	11.6	57	<0.1	18.0	9.7	337	2.87	5.2	1.4	0.6	8.5	22	<0.1	0.3	0.3	56	0.34	0.027
1114531	Soil		0.3	11.3	25.7	49	<0.1	11.4	7.8	347	2.39	1.8	1.1	<0.5	10.0	12	<0.1	0.2	0.3	26	0.14	0.053
1114510	Soil		0.3	18.2	18.1	93	<0.1	42.2	19.0	700	4.16	3.5	2.0	1.2	12.3	9	0.1	0.2	0.3	76	0.14	0.047
1114513	Soil		1.1	40.9	12.9	99	<0.1	51.1	17.7	438	4.88	4.8	2.2	3.0	7.1	11	0.1	0.2	0.3	61	0.12	0.034
1114514	Soil		0.9	17.6	15.9	78	<0.1	29.4	11.7	410	3.90	8.4	3.0	1.6	7.2	11	0.2	0.3	0.5	73	0.12	0.029
1114517	Soil		0.9	17.0	18.3	103	<0.1	17.9	11.6	487	3.61	3.8	4.4	<0.5	21.4	17	0.2	0.3	0.4	37	0.36	0.109
1114521	Soil		0.6	14.9	13.3	52	<0.1	18.0	8.7	276	2.95	6.2	0.9	1.8	5.5	23	<0.1	0.3	0.4	61	0.43	0.027
1114502	Soil		1.1	18.7	7.3	36	0.2	11.1	4.7	98	3.46	8.5	5.7	2.4	1.1	28	0.2	0.3	0.2	76	0.26	0.082
1114524	Soil		2.4	16.0	15.3	89	<0.1	9.1	7.8	245	3.49	2.9	2.4	<0.5	17.4	12	<0.1	0.2	0.3	48	0.06	0.040
1114516	Soil		0.6	12.0	15.1	59	<0.1	15.1	6.3	365	2.25	8.4	0.8	1.3	2.5	18	0.2	0.3	0.2	51	0.21	0.031
1114512	Soil		1.3	60.0	14.8	127	<0.1	69.1	24.3	514	6.20	3.8	2.8	<0.5	9.0	10	0.1	0.2	0.3	61	0.12	0.048

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

Project: ECH
Report Date: August 12, 2011

CERTIFICATE OF ANALYSIS DAW11000085.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1117336	Soil	10	22	0.41	96	0.081	<1	1.46	0.012	0.09	0.1	0.03	2.1	0.1	<0.05	7	0.6	<0.2
1117349	Soil	16	24	0.53	97	0.103	<1	1.42	0.012	0.21	0.1	0.02	2.8	0.3	<0.05	6	0.9	<0.2
1117339	Soil	11	22	0.43	89	0.071	<1	1.36	0.014	0.09	0.2	<0.01	2.1	0.2	0.05	5	0.5	<0.2
1117360	Soil	6	10	0.14	44	0.062	<1	0.69	0.016	0.04	<0.1	0.02	0.9	<0.1	<0.05	5	<0.5	<0.2
1117358	Soil	15	29	0.58	161	0.080	<1	1.92	0.010	0.09	0.1	0.01	3.5	0.2	<0.05	6	<0.5	<0.2
1117342	Soil	13	24	0.49	116	0.081	<1	1.69	0.010	0.11	0.1	0.01	2.5	0.2	<0.05	6	<0.5	<0.2
1117357	Soil	9	20	0.39	114	0.065	1	1.41	0.016	0.06	0.1	0.01	2.3	0.1	0.06	5	<0.5	<0.2
1117359	Soil	13	31	0.56	174	0.068	<1	2.26	0.012	0.09	0.1	0.05	3.6	0.3	0.05	8	<0.5	<0.2
1114508	Soil	15	31	0.59	118	0.107	<1	1.81	0.010	0.14	0.1	<0.01	3.0	0.3	0.07	9	<0.5	<0.2
1114519	Soil	22	30	0.55	172	0.068	<1	1.84	0.016	0.12	0.3	0.02	5.2	0.2	<0.05	7	0.6	<0.2
1114511	Soil	23	35	0.46	102	0.073	<1	2.02	0.005	0.44	<0.1	0.01	3.4	1.0	<0.05	7	<0.5	<0.2
1114533	Soil	41	67	1.05	146	0.012	<1	1.96	0.005	0.09	<0.1	<0.01	3.9	<0.1	<0.05	6	0.8	<0.2
1114532	Soil	36	13	0.29	116	0.023	<1	1.26	0.006	0.09	<0.1	<0.01	1.6	<0.1	<0.05	4	<0.5	<0.2
1114529	Soil	13	140	2.56	220	0.058	<1	3.00	0.008	0.12	<0.1	0.04	6.4	0.1	<0.05	10	<0.5	<0.2
1114509	Soil	17	54	1.30	171	0.209	<1	3.07	0.010	0.88	<0.1	0.02	7.0	1.3	<0.05	11	<0.5	<0.2
1114515	Soil	14	36	0.48	95	0.085	<1	1.60	0.006	0.29	0.1	0.02	3.3	1.2	<0.05	6	<0.5	<0.2
1114528	Soil	54	27	0.60	74	0.003	<1	1.28	0.003	0.09	<0.1	0.01	2.1	<0.1	<0.05	5	<0.5	<0.2
1114518	Soil	28	41	0.48	174	0.037	1	2.27	0.014	0.06	0.2	0.03	8.3	0.3	<0.05	7	<0.5	<0.2
1114523	Soil	54	10	0.11	91	0.006	<1	0.76	0.005	0.09	0.1	<0.01	1.5	<0.1	<0.05	2	<0.5	<0.2
1114522	Soil	19	34	0.51	177	0.078	<1	1.99	0.013	0.08	0.1	0.04	4.1	0.2	<0.05	6	<0.5	<0.2
1114531	Soil	30	18	0.70	254	0.021	<1	1.41	0.005	0.13	0.1	<0.01	1.9	0.1	<0.05	5	<0.5	<0.2
1114510	Soil	19	53	1.32	176	0.217	<1	3.05	0.010	0.90	<0.1	0.03	7.2	1.4	<0.05	11	<0.5	<0.2
1114513	Soil	17	41	0.83	114	0.178	<1	2.12	0.009	0.54	0.1	0.02	3.5	0.6	<0.05	9	<0.5	<0.2
1114514	Soil	14	44	0.77	114	0.171	<1	2.46	0.010	0.38	0.1	0.02	4.6	1.0	<0.05	9	<0.5	<0.2
1114517	Soil	41	19	0.26	66	0.007	2	0.91	0.005	0.11	0.1	0.02	5.1	0.2	<0.05	4	<0.5	<0.2
1114521	Soil	13	31	0.54	157	0.077	<1	2.12	0.012	0.06	0.3	0.01	3.7	0.1	<0.05	6	<0.5	<0.2
1114502	Soil	17	21	0.22	190	0.037	1	1.12	0.015	0.04	0.2	0.09	3.1	0.2	<0.05	4	0.7	<0.2
1114524	Soil	40	11	0.06	46	0.006	<1	0.71	0.007	0.06	0.2	0.01	3.3	<0.1	<0.05	5	<0.5	<0.2
1114516	Soil	12	22	0.31	117	0.069	1	1.44	0.016	0.11	<0.1	0.03	3.0	0.3	<0.05	7	<0.5	<0.2
1114512	Soil	21	45	0.85	117	0.190	<1	2.22	0.008	0.71	0.1	<0.01	3.7	0.8	<0.05	9	<0.5	<0.2

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Project: ECH
Report Date: August 12, 2011

CERTIFICATE OF ANALYSIS DAW11000085.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1114525	Soil		0.5	15.2	20.2	39	<0.1	18.1	7.3	176	2.08	2.4	3.2	1.8	12.2	19	0.1	0.2	0.4	34	0.23	0.032
1114530	Soil		1.0	23.0	16.6	64	<0.1	36.0	11.9	402	3.13	5.2	0.7	2.9	4.8	22	0.1	0.3	0.8	59	0.19	0.015
1114526	Soil		1.6	9.1	10.9	44	<0.1	13.7	6.8	218	2.27	3.8	0.9	1.6	11.8	34	<0.1	0.2	5.4	36	0.26	0.053
1114534	Soil		0.6	22.0	28.2	57	<0.1	45.2	20.2	358	2.87	3.8	1.1	<0.5	12.3	44	<0.1	0.1	0.5	41	0.31	0.057
1114527	Soil		0.8	8.0	9.6	42	<0.1	12.1	5.1	196	1.56	6.0	1.4	0.9	6.9	21	<0.1	0.2	0.4	30	0.22	0.049
1114520	Soil		0.5	22.5	16.4	59	<0.1	20.1	9.8	374	2.67	5.6	2.7	1.5	6.0	34	0.1	0.3	0.4	52	0.68	0.058
1114506	Soil		0.5	18.7	11.6	65	<0.1	18.2	8.3	234	2.72	6.8	3.3	1.7	6.6	23	0.1	0.4	0.7	53	0.27	0.054
1114507	Soil		0.6	18.7	12.1	76	<0.1	20.1	8.8	316	2.75	6.4	2.5	1.8	4.2	22	0.1	0.3	0.6	61	0.26	0.048
1114504	Soil		0.5	15.9	10.4	62	<0.1	16.0	7.4	186	2.51	5.6	3.1	2.7	4.7	20	0.1	0.4	0.4	56	0.24	0.054
1114501	Soil		0.4	11.8	8.5	37	<0.1	9.3	3.5	90	1.68	3.8	3.6	1.6	1.5	15	0.2	0.2	0.3	36	0.16	0.046
1114505	Soil		0.5	17.8	10.3	62	<0.1	17.9	9.5	262	2.71	6.3	2.9	1.6	5.0	24	0.2	0.4	0.5	58	0.27	0.057
1114503	Soil		0.4	13.1	10.3	62	<0.1	15.8	6.7	149	2.54	6.3	2.9	1.7	3.9	18	0.1	0.4	0.3	56	0.21	0.051
1116901	Soil		1.0	7.0	9.1	39	<0.1	10.1	7.0	403	2.81	7.0	0.9	0.9	4.9	11	0.2	0.4	0.2	49	0.14	0.051
1116902	Soil		0.5	8.8	9.8	42	<0.1	13.0	4.7	122	2.07	6.4	2.1	5.0	3.3	19	0.2	0.3	0.2	50	0.24	0.045
1116903	Soil		0.6	11.0	10.2	56	<0.1	15.0	10.6	520	2.54	6.6	1.5	1.6	4.9	14	<0.1	0.4	0.2	53	0.18	0.047
1116904	Soil		0.3	9.6	9.6	46	<0.1	13.7	4.7	123	1.65	3.3	2.6	3.1	2.4	23	0.2	0.2	0.2	31	0.28	0.046
1116905	Soil		0.6	8.9	8.3	51	<0.1	12.7	6.5	162	2.00	4.6	1.7	4.6	4.0	18	0.2	0.2	0.2	41	0.25	0.060
1116906	Soil		0.2	7.1	8.7	36	<0.1	10.5	3.4	92	1.16	2.4	1.7	2.1	1.8	17	0.1	0.2	0.1	24	0.19	0.033
1116907	Soil		0.4	9.0	8.1	42	<0.1	11.7	4.6	106	1.44	2.2	1.7	<0.5	2.0	16	0.1	0.2	0.3	35	0.21	0.037
1116908	Soil		0.5	10.3	8.5	53	<0.1	14.2	6.9	185	2.00	4.0	1.3	2.5	3.4	19	0.2	0.3	0.2	45	0.28	0.058
1116909	Soil		0.3	8.0	8.7	31	<0.1	8.6	3.5	95	1.32	2.4	1.8	4.1	1.2	16	<0.1	0.2	0.3	29	0.19	0.037
1116910	Soil		0.5	8.9	7.6	35	0.1	9.3	3.5	89	1.57	3.3	1.6	1.2	0.7	18	<0.1	0.2	0.3	25	0.22	0.060
1116911	Soil		0.5	10.3	8.4	39	<0.1	10.6	3.9	99	2.78	6.2	2.3	1.6	1.4	19	0.2	0.2	0.2	40	0.23	0.051
1116912	Soil		0.4	8.1	8.2	35	<0.1	9.9	3.7	89	1.35	2.7	1.5	6.0	1.5	15	<0.1	0.2	0.2	27	0.21	0.043
1116913	Soil		0.7	9.1	8.2	43	<0.1	10.6	5.3	154	1.88	4.2	1.2	<0.5	1.7	16	0.1	0.2	0.2	47	0.19	0.045
1116914	Soil		0.5	9.3	8.2	43	<0.1	11.8	4.6	104	1.65	3.6	1.4	<0.5	1.4	15	0.2	0.2	0.2	35	0.21	0.045
1116915	Soil		0.8	8.0	7.9	42	<0.1	9.8	6.3	244	1.92	4.4	1.0	<0.5	2.3	12	0.2	0.2	0.1	51	0.18	0.054
1116916	Soil		0.6	9.2	7.9	46	<0.1	11.1	4.9	111	2.23	4.8	1.3	1.3	1.6	15	0.1	0.2	0.2	59	0.19	0.047
1116917	Soil		0.5	10.1	7.9	45	<0.1	12.2	5.0	114	1.90	3.7	0.9	0.9	1.4	17	0.1	0.3	0.2	45	0.19	0.035
1116918	Soil		0.7	9.6	7.8	50	<0.1	12.1	6.4	181	2.58	5.4	1.2	1.7	2.8	14	0.1	0.3	0.2	59	0.21	0.058

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1114525	Soil		27	27	0.25	134	0.020	<1	0.92	0.011	0.08	0.1	0.02	4.9	<0.1	<0.05	3	<0.5	<0.2
1114530	Soil		15	64	0.94	177	0.061	<1	2.19	0.012	0.07	<0.1	0.02	4.5	<0.1	<0.05	7	<0.5	<0.2
1114526	Soil		17	17	0.31	99	0.038	<1	0.92	0.011	0.07	0.2	<0.01	2.1	<0.1	<0.05	3	<0.5	<0.2
1114534	Soil		41	70	1.07	156	0.015	<1	1.99	0.007	0.10	<0.1	0.01	4.5	<0.1	<0.05	5	<0.5	<0.2
1114527	Soil		12	14	0.27	91	0.030	1	1.07	0.009	0.10	0.1	0.01	1.5	<0.1	<0.05	3	<0.5	<0.2
1114520	Soil		19	30	0.51	185	0.079	1	1.74	0.022	0.09	0.3	0.05	5.0	0.1	<0.05	6	<0.5	<0.2
1114506	Soil		19	29	0.47	189	0.088	1	1.74	0.012	0.13	0.1	0.05	4.4	0.5	<0.05	6	<0.5	<0.2
1114507	Soil		15	34	0.54	181	0.085	3	1.95	0.012	0.13	0.2	0.03	3.9	0.3	<0.05	7	<0.5	<0.2
1114504	Soil		16	29	0.48	179	0.082	1	1.80	0.014	0.09	0.2	0.04	4.2	0.3	<0.05	6	<0.5	<0.2
1114501	Soil		10	19	0.29	128	0.048	<1	1.19	0.012	0.05	0.1	0.05	2.3	0.2	<0.05	5	<0.5	<0.2
1114505	Soil		16	29	0.48	205	0.083	2	1.82	0.015	0.08	0.2	0.05	4.5	0.3	<0.05	6	<0.5	<0.2
1114503	Soil		12	28	0.46	156	0.082	2	1.81	0.012	0.08	0.1	0.05	3.4	0.3	<0.05	6	<0.5	<0.2
1116901	Soil		11	18	0.31	64	0.085	1	1.26	0.012	0.09	0.3	0.04	1.9	0.1	<0.05	6	<0.5	<0.2
1116902	Soil		11	22	0.43	129	0.075	1	1.44	0.015	0.08	0.2	0.05	2.6	0.1	<0.05	5	<0.5	<0.2
1116903	Soil		10	26	0.44	111	0.078	2	1.69	0.015	0.09	0.2	0.04	2.9	0.1	<0.05	5	<0.5	<0.2
1116904	Soil		12	20	0.39	157	0.057	1	1.29	0.016	0.08	0.1	0.06	2.7	0.1	<0.05	5	<0.5	<0.2
1116905	Soil		13	19	0.37	123	0.075	1	1.18	0.014	0.09	0.2	0.03	2.4	0.1	<0.05	5	<0.5	<0.2
1116906	Soil		11	19	0.32	122	0.059	1	1.22	0.014	0.06	0.2	0.05	2.3	0.1	<0.05	5	<0.5	<0.2
1116907	Soil		10	21	0.33	120	0.054	3	1.16	0.012	0.06	0.2	0.04	2.0	<0.1	0.08	5	<0.5	<0.2
1116908	Soil		10	22	0.40	123	0.071	3	1.26	0.013	0.09	0.1	0.04	2.3	0.1	<0.05	4	<0.5	<0.2
1116909	Soil		8	18	0.25	105	0.044	4	0.99	0.010	0.05	0.1	0.05	1.8	0.1	<0.05	5	<0.5	<0.2
1116910	Soil		7	17	0.23	101	0.040	4	1.02	0.012	0.05	0.1	0.08	1.6	<0.1	0.08	4	<0.5	<0.2
1116911	Soil		8	21	0.28	112	0.046	2	1.25	0.011	0.06	0.1	0.07	2.3	0.1	0.07	5	<0.5	<0.2
1116912	Soil		8	17	0.28	100	0.042	2	1.06	0.013	0.06	0.1	0.05	1.8	<0.1	0.06	4	<0.5	<0.2
1116913	Soil		8	21	0.33	99	0.057	3	1.15	0.013	0.07	0.1	0.05	2.1	0.1	<0.05	5	0.6	<0.2
1116914	Soil		9	22	0.33	95	0.062	2	1.25	0.013	0.07	0.2	0.06	2.2	0.1	0.06	5	0.6	<0.2
1116915	Soil		9	19	0.28	81	0.064	3	1.17	0.011	0.07	0.2	0.04	1.8	<0.1	0.07	5	<0.5	<0.2
1116916	Soil		9	21	0.34	97	0.059	2	1.37	0.011	0.06	0.1	0.04	2.1	0.1	0.07	5	0.5	<0.2
1116917	Soil		8	23	0.33	125	0.056	2	1.37	0.016	0.06	0.1	0.06	2.2	0.1	0.05	5	<0.5	<0.2
1116918	Soil		10	23	0.34	106	0.063	2	1.38	0.011	0.07	0.1	0.04	2.5	0.1	<0.05	5	<0.5	<0.2

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

Project: ECH
Report Date: August 12, 2011

CERTIFICATE OF ANALYSIS DAW11000085.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1116919	Soil	0.5	9.6	7.5	44	<0.1	12.7	5.3	113	1.90	4.0	1.2	2.0	1.9	15	0.1	0.2	0.2	42	0.19	0.051
1116920	Soil	0.5	8.2	7.3	45	<0.1	11.6	5.1	113	1.97	4.3	1.0	1.3	1.7	16	0.2	0.2	0.2	44	0.19	0.050
1116921	Soil	0.6	10.5	7.2	40	<0.1	11.0	4.9	104	2.11	4.1	1.2	10.5	1.2	16	<0.1	0.2	0.2	48	0.18	0.052
1116922	Soil	0.7	13.2	8.4	57	<0.1	16.4	9.6	342	2.72	3.8	2.4	<0.5	6.7	15	0.2	0.3	0.2	54	0.24	0.068
1116923	Soil	0.9	8.4	9.4	51	<0.1	13.9	10.9	451	2.55	5.9	1.3	1.5	5.3	15	0.2	0.3	0.2	64	0.21	0.050
1116924	Soil	0.8	9.9	8.6	48	<0.1	14.0	6.1	148	1.97	4.0	1.8	<0.5	3.3	21	0.1	0.2	0.2	41	0.25	0.060
1116925	Soil	0.3	4.7	5.2	15	<0.1	4.2	1.7	43	0.69	0.6	0.9	1.9	0.7	11	<0.1	0.1	0.1	18	0.12	0.027
1116926	Soil	0.5	7.5	6.9	38	<0.1	10.7	4.3	104	1.49	2.5	1.3	1.1	2.9	16	<0.1	0.2	0.1	37	0.19	0.032
1116927	Soil	0.4	7.3	7.0	31	<0.1	9.6	3.4	83	1.25	2.2	1.4	<0.5	2.0	16	<0.1	0.1	0.2	27	0.19	0.033
1116928	Soil	0.4	7.3	8.4	31	<0.1	9.0	3.1	82	1.26	2.4	2.0	1.2	2.1	15	0.1	0.2	0.2	27	0.18	0.035
1116929	Soil	0.5	9.7	9.6	30	<0.1	8.7	2.7	74	1.42	1.9	2.8	1.4	2.0	13	0.1	0.2	0.2	22	0.14	0.045
1116930	Soil	0.5	8.5	9.1	37	<0.1	9.3	3.2	81	1.59	2.4	2.4	<0.5	2.3	14	0.1	0.2	0.1	30	0.17	0.041
1116931	Soil	0.4	7.5	8.2	32	<0.1	8.9	2.9	79	1.50	2.4	2.1	7.5	2.3	13	<0.1	0.1	0.1	32	0.15	0.035
1116932	Soil	0.5	9.3	7.6	31	<0.1	9.0	3.0	77	1.45	2.0	2.7	1.3	1.4	13	<0.1	0.1	0.2	27	0.15	0.039
1116933	Soil	0.4	9.2	7.9	29	<0.1	8.7	3.1	80	1.55	1.9	2.9	<0.5	1.4	13	<0.1	0.1	0.2	26	0.16	0.041
1113001	Soil	1.2	18.0	11.9	61	0.2	17.5	18.5	1194	3.04	6.6	2.5	0.8	1.3	24	0.2	0.3	0.4	59	0.24	0.083
1113002	Soil	0.4	17.6	10.4	66	<0.1	21.0	9.5	243	2.80	8.2	2.2	2.0	3.8	17	0.2	0.3	0.6	59	0.22	0.053
1113003	Soil	0.9	18.2	11.3	73	<0.1	20.5	9.9	325	3.33	8.4	2.1	1.3	3.4	17	0.2	0.3	1.3	58	0.20	0.065
1113004	Soil	0.9	11.2	8.6	50	0.1	14.3	22.3	854	2.60	7.7	1.9	2.9	2.0	16	0.1	0.2	0.5	53	0.19	0.061
1113005	Soil	0.6	13.7	9.0	58	<0.1	17.7	6.9	273	2.34	6.0	1.7	0.6	1.9	19	<0.1	0.2	0.5	48	0.21	0.056
1113006	Soil	0.6	13.7	6.5	56	<0.1	17.6	8.3	351	2.21	4.1	1.5	0.8	3.9	23	0.1	0.3	0.3	45	0.31	0.056
1113007	Soil	0.5	11.7	8.5	63	<0.1	15.9	8.8	316	2.01	3.6	1.7	2.3	3.1	20	0.1	0.2	0.6	52	0.31	0.070
1113008	Soil	0.5	10.4	7.5	53	<0.1	14.5	6.6	223	2.11	2.9	1.5	2.5	2.8	16	<0.1	0.2	0.3	47	0.22	0.058
1113009	Soil	0.7	19.4	9.2	54	0.1	15.6	8.2	333	2.26	3.7	3.0	0.6	1.7	25	0.2	0.3	0.3	46	0.32	0.077
1113010	Soil	0.4	14.6	8.9	54	<0.1	14.6	6.3	166	1.96	2.9	2.7	3.2	3.5	18	0.1	0.3	0.3	46	0.23	0.057
1113011	Soil	0.6	15.6	10.6	67	<0.1	18.8	8.6	195	2.79	6.0	2.5	2.3	4.5	20	0.2	0.4	0.5	62	0.25	0.060
1113012	Soil	0.7	14.4	9.4	64	0.1	16.9	7.8	189	2.59	5.3	1.6	3.7	3.7	21	0.2	0.4	0.3	54	0.29	0.071
1113013	Soil	1.0	13.1	9.3	80	<0.1	18.1	19.3	1416	3.30	7.8	1.4	1.3	4.8	17	0.2	0.4	0.3	70	0.29	0.084
1113014	Soil	1.0	13.0	8.8	67	<0.1	17.6	11.7	447	2.65	6.0	1.5	4.7	4.7	23	0.2	0.3	0.2	60	0.34	0.089
1113015	Soil	0.6	7.3	7.3	36	<0.1	8.5	4.3	116	1.75	2.7	1.5	1.1	2.0	13	<0.1	0.2	0.2	32	0.12	0.030

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Project: ECH
Report Date: August 12, 2011

CERTIFICATE OF ANALYSIS DAW11000085.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1116919	Soil		10	22	0.35	109	0.066	2	1.27	0.011	0.08	0.1	0.05	2.5	0.1	0.08	5	<0.5	<0.2
1116920	Soil		10	21	0.34	109	0.067	<1	1.34	0.012	0.07	0.1	0.04	2.4	0.1	0.05	5	<0.5	<0.2
1116921	Soil		8	21	0.29	113	0.054	2	1.26	0.023	0.06	0.2	0.06	2.2	0.1	0.06	5	0.7	<0.2
1116922	Soil		15	26	0.52	145	0.094	2	1.45	0.013	0.18	0.2	0.03	3.2	0.2	<0.05	5	<0.5	<0.2
1116923	Soil		12	24	0.43	138	0.094	2	1.54	0.012	0.11	0.2	0.04	2.9	0.2	<0.05	6	<0.5	<0.2
1116924	Soil		11	24	0.37	179	0.068	1	1.28	0.013	0.09	0.2	0.07	2.5	0.1	0.07	5	<0.5	<0.2
1116925	Soil		6	11	0.12	69	0.037	2	0.53	0.016	0.04	<0.1	0.03	1.0	<0.1	<0.05	3	<0.5	<0.2
1116926	Soil		10	20	0.34	110	0.069	1	1.04	0.012	0.06	0.2	0.04	1.8	<0.1	<0.05	5	<0.5	<0.2
1116927	Soil		8	17	0.27	123	0.058	<1	1.01	0.015	0.06	0.1	0.05	1.9	0.1	<0.05	5	<0.5	<0.2
1116928	Soil		9	19	0.26	113	0.052	<1	1.01	0.011	0.05	0.2	0.06	1.6	0.1	<0.05	5	0.5	<0.2
1116929	Soil		9	17	0.22	100	0.043	<1	1.08	0.009	0.05	0.2	0.05	1.8	0.1	<0.05	4	<0.5	<0.2
1116930	Soil		9	19	0.26	90	0.054	1	1.13	0.011	0.05	0.1	0.06	1.9	0.1	0.08	5	0.7	<0.2
1116931	Soil		8	17	0.25	85	0.053	<1	1.02	0.011	0.05	<0.1	0.04	1.9	<0.1	0.06	5	<0.5	<0.2
1116932	Soil		8	18	0.22	100	0.047	1	0.96	0.014	0.05	0.2	0.05	1.7	<0.1	0.06	4	<0.5	<0.2
1116933	Soil		8	18	0.23	98	0.048	1	0.99	0.011	0.05	0.3	0.04	1.6	0.1	0.12	4	<0.5	<0.2
1113001	Soil		9	32	0.41	203	0.074	<1	1.95	0.013	0.13	0.1	0.07	3.4	0.3	0.09	7	<0.5	<0.2
1113002	Soil		12	38	0.67	151	0.137	2	2.18	0.009	0.20	0.2	0.05	4.0	0.3	<0.05	7	<0.5	<0.2
1113003	Soil		12	36	0.59	160	0.124	<1	2.04	0.009	0.20	0.1	0.04	3.9	0.3	<0.05	7	<0.5	<0.2
1113004	Soil		9	28	0.41	139	0.087	<1	1.67	0.012	0.12	0.1	0.04	2.7	0.2	<0.05	6	<0.5	<0.2
1113005	Soil		10	30	0.49	158	0.107	<1	1.75	0.012	0.17	0.2	0.03	3.1	0.3	<0.05	6	<0.5	<0.2
1113006	Soil		12	26	0.45	183	0.112	1	1.58	0.011	0.17	0.2	0.03	3.3	0.3	<0.05	5	<0.5	<0.2
1113007	Soil		11	28	0.42	173	0.090	<1	1.76	0.012	0.11	1.0	0.02	3.2	0.2	<0.05	6	0.6	<0.2
1113008	Soil		11	26	0.41	148	0.101	<1	1.72	0.013	0.12	0.3	0.05	3.0	0.2	<0.05	6	<0.5	<0.2
1113009	Soil		11	27	0.40	173	0.082	<1	1.63	0.017	0.12	0.1	0.05	3.3	0.2	0.07	5	<0.5	<0.2
1113010	Soil		12	30	0.51	141	0.113	2	1.80	0.011	0.12	0.2	0.04	3.5	0.3	<0.05	6	<0.5	<0.2
1113011	Soil		14	34	0.61	170	0.133	2	2.05	0.013	0.13	0.2	0.04	4.2	0.3	<0.05	7	<0.5	<0.2
1113012	Soil		11	30	0.56	137	0.120	2	1.81	0.012	0.12	0.2	0.05	3.4	0.3	<0.05	6	<0.5	<0.2
1113013	Soil		11	30	0.56	121	0.137	2	1.93	0.012	0.14	0.3	0.03	3.2	0.3	<0.05	7	<0.5	<0.2
1113014	Soil		13	29	0.55	138	0.124	3	1.67	0.014	0.14	0.4	0.03	3.1	0.2	<0.05	5	<0.5	<0.2
1113015	Soil		9	19	0.32	79	0.082	1	1.31	0.017	0.05	0.1	0.03	2.0	0.2	<0.05	5	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1113016	Soil	0.3	8.6	9.2	44	<0.1	10.9	4.1	133	1.36	2.4	1.9	<0.5	2.4	17	0.1	0.2	0.2	35	0.21	0.043
1113017	Soil	0.6	9.9	9.8	56	0.1	12.3	4.7	138	1.91	3.3	2.3	1.0	1.7	21	0.2	0.2	0.3	32	0.23	0.061
1113018	Soil	0.5	9.5	10.3	60	<0.1	12.6	5.6	171	2.05	4.3	1.9	3.1	3.8	17	0.1	0.2	0.2	50	0.25	0.070
1113019	Soil	0.4	11.7	9.7	65	<0.1	14.9	6.9	196	2.30	4.4	2.8	5.8	4.8	20	0.2	0.2	0.2	52	0.26	0.070
1113020	Soil	0.5	10.8	11.5	69	0.1	15.1	7.3	243	2.29	3.6	4.7	1.8	3.8	23	0.2	0.2	0.3	52	0.29	0.068
1113021	Soil	0.4	11.7	10.5	55	<0.1	12.1	4.8	172	1.82	3.7	4.2	8.9	2.5	20	0.1	0.2	0.3	45	0.25	0.062
1113022	Soil	0.4	10.0	10.0	49	<0.1	13.2	5.5	156	1.46	2.0	3.3	1.4	2.4	18	0.1	0.2	0.4	32	0.23	0.057
1113023	Soil	0.6	9.9	9.8	49	<0.1	12.9	6.0	168	1.89	4.6	2.3	1.8	1.3	16	0.1	0.2	0.3	45	0.19	0.065
1113024	Soil	0.6	11.2	8.9	50	<0.1	13.4	5.9	178	1.79	4.3	2.5	2.7	1.8	22	0.1	0.3	0.2	43	0.24	0.061
1113025	Soil	0.7	13.4	10.1	56	<0.1	14.2	6.5	196	2.12	4.8	2.0	2.6	2.0	20	0.2	0.3	0.2	54	0.22	0.060
1113026	Soil	0.9	11.7	12.2	58	<0.1	14.6	9.4	450	2.45	6.3	1.3	3.1	3.2	16	0.2	0.3	0.3	65	0.20	0.050
1113027	Soil	0.6	11.0	8.2	35	<0.1	8.5	4.1	140	1.68	3.4	1.4	1.1	1.4	12	<0.1	0.2	0.2	42	0.12	0.032
1113028	Soil	0.5	10.0	9.2	40	<0.1	10.6	4.0	118	1.54	3.2	2.3	3.6	1.7	15	0.1	0.2	0.2	35	0.17	0.043
1113029	Soil	0.5	9.6	9.1	41	<0.1	11.1	4.2	120	1.58	3.3	2.3	4.2	1.6	16	0.1	0.2	0.3	34	0.18	0.046
1113030	Soil	0.5	10.1	9.6	34	0.1	9.5	3.3	92	1.57	3.0	3.1	2.2	1.1	17	0.1	0.2	0.3	24	0.18	0.055
1113031	Soil	0.4	8.0	8.7	35	<0.1	9.3	3.3	95	1.35	2.7	2.3	1.4	1.7	15	0.1	0.2	0.3	28	0.16	0.037
1113032	Soil	0.5	10.5	10.2	45	<0.1	11.5	4.2	118	1.91	4.1	2.8	2.3	2.1	16	0.1	0.2	0.2	43	0.17	0.043
1113033	Soil	0.5	10.0	10.0	44	<0.1	11.0	4.0	110	1.75	3.5	2.6	0.8	1.9	16	<0.1	0.2	0.2	40	0.17	0.042
1115501	Soil	0.8	27.0	12.7	72	0.1	24.4	12.8	447	3.57	7.1	1.7	1.5	7.7	45	<0.1	0.4	0.2	64	0.51	0.069
1115502	Soil	0.9	16.9	20.2	98	<0.1	15.5	10.7	568	3.58	3.1	1.7	1.4	9.1	33	0.4	0.3	0.2	38	0.55	0.126
1115503	Soil	0.4	13.6	19.0	82	<0.1	13.0	9.8	291	2.52	2.1	1.4	1.4	16.2	42	<0.1	0.2	0.2	29	0.48	0.084
1115504	Soil	0.7	19.4	33.1	44	0.3	13.8	13.0	526	2.02	4.3	1.7	6.1	35.1	24	0.2	<0.1	0.3	24	0.25	0.040
1115505	Soil	1.7	53.6	43.5	125	0.2	30.5	18.0	1148	4.76	4.7	1.2	0.7	8.7	18	0.2	<0.1	1.1	50	0.24	0.055
1115506	Soil	1.7	168.5	35.0	233	<0.1	12.4	14.5	1180	5.75	4.8	1.5	1.3	10.2	15	0.3	<0.1	1.2	29	0.11	0.063
1115507	Soil	7.9	30.0	34.7	64	<0.1	28.0	19.3	701	3.79	17.5	1.3	1.2	14.3	11	0.1	0.3	2.7	32	0.08	0.032
1115508	Soil	1.0	7.8	9.5	19	<0.1	3.7	2.4	96	1.31	3.4	0.3	1.4	1.5	13	0.1	0.2	0.2	42	0.10	0.017
1115509	Soil	1.0	27.8	11.3	57	<0.1	23.5	10.3	355	3.06	7.0	1.8	3.0	11.1	28	<0.1	0.4	0.4	68	0.34	0.043
1115510	Soil	1.2	59.9	25.9	131	0.1	47.2	17.6	455	3.83	20.2	1.7	3.5	10.2	25	0.4	0.5	0.4	79	0.23	0.031
1115511	Soil	1.1	33.4	14.0	64	0.1	29.4	13.0	377	3.64	10.6	2.0	4.1	20.4	26	<0.1	0.5	0.3	76	0.27	0.022
1115512	Soil	1.9	21.5	39.5	120	<0.1	29.2	13.8	453	4.38	18.4	1.2	1.4	10.2	22	0.2	1.1	0.4	80	0.20	0.038

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

Project: ECH
Report Date: August 12, 2011

CERTIFICATE OF ANALYSIS DAW11000085.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1113016	Soil		12	22	0.39	107	0.098	2	1.37	0.014	0.08	0.1	0.03	2.6	0.3	<0.05	5	<0.5	<0.2
1113017	Soil		11	23	0.43	128	0.086	2	1.51	0.014	0.09	0.1	0.06	2.7	0.3	0.07	6	<0.5	<0.2
1113018	Soil		14	24	0.48	106	0.113	2	1.59	0.013	0.11	0.1	0.04	2.9	0.3	<0.05	6	<0.5	<0.2
1113019	Soil		16	28	0.57	143	0.132	2	1.84	0.014	0.13	0.2	0.04	3.8	0.3	<0.05	6	<0.5	<0.2
1113020	Soil		14	30	0.57	164	0.121	1	1.90	0.015	0.11	0.1	0.05	4.0	0.4	<0.05	7	<0.5	<0.2
1113021	Soil		12	25	0.43	151	0.093	3	1.72	0.013	0.09	0.1	0.04	3.1	0.3	<0.05	6	<0.5	<0.2
1113022	Soil		12	24	0.40	145	0.077	2	1.66	0.014	0.06	0.2	0.04	2.6	0.2	<0.05	5	<0.5	<0.2
1113023	Soil		10	24	0.37	116	0.075	2	1.47	0.013	0.07	0.2	0.05	2.2	0.1	<0.05	5	<0.5	<0.2
1113024	Soil		11	23	0.36	135	0.071	1	1.37	0.015	0.06	0.2	0.04	2.5	0.2	<0.05	5	<0.5	<0.2
1113025	Soil		11	26	0.41	140	0.083	2	1.59	0.016	0.07	0.2	0.03	2.8	0.2	<0.05	6	<0.5	<0.2
1113026	Soil		11	30	0.46	109	0.110	2	1.57	0.015	0.08	0.2	0.03	2.7	0.2	<0.05	7	<0.5	<0.2
1113027	Soil		9	20	0.30	76	0.078	<1	1.29	0.015	0.06	0.2	0.04	1.9	0.1	<0.05	6	<0.5	<0.2
1113028	Soil		9	22	0.37	88	0.081	2	1.22	0.014	0.06	0.3	0.04	2.4	0.2	<0.05	5	<0.5	<0.2
1113029	Soil		10	22	0.37	94	0.082	2	1.26	0.015	0.06	0.2	0.05	2.4	0.2	<0.05	6	<0.5	<0.2
1113030	Soil		9	20	0.28	105	0.058	1	1.08	0.014	0.05	0.1	0.06	1.9	0.2	0.07	5	<0.5	<0.2
1113031	Soil		9	19	0.32	91	0.068	1	1.09	0.013	0.05	0.1	0.05	2.1	0.1	<0.05	5	<0.5	<0.2
1113032	Soil		10	23	0.35	116	0.073	<1	1.36	0.014	0.05	0.1	0.05	2.4	0.2	<0.05	5	<0.5	<0.2
1113033	Soil		9	22	0.36	108	0.072	2	1.31	0.013	0.05	0.1	0.05	2.2	0.2	<0.05	5	<0.5	<0.2
1115501	Soil		28	57	1.02	398	0.081	1	2.39	0.016	0.11	0.1	0.04	7.2	0.1	<0.05	6	<0.5	<0.2
1115502	Soil		26	29	1.16	479	0.075	1	2.13	0.009	0.34	0.1	0.01	5.5	0.3	<0.05	6	<0.5	<0.2
1115503	Soil		47	60	1.23	266	0.069	<1	2.00	0.007	0.19	<0.1	0.02	3.2	0.2	<0.05	5	<0.5	<0.2
1115504	Soil		65	47	1.12	155	0.019	<1	1.38	0.003	0.19	<0.1	0.01	4.5	0.2	<0.05	4	<0.5	<0.2
1115505	Soil		24	41	1.87	135	0.003	2	2.45	0.003	0.13	<0.1	<0.01	6.8	<0.1	<0.05	8	<0.5	<0.2
1115506	Soil		32	9	2.24	72	0.004	<1	2.91	0.003	0.09	<0.1	0.01	4.0	<0.1	<0.05	7	0.6	<0.2
1115507	Soil		40	20	0.21	82	0.014	<1	0.95	0.006	0.10	<0.1	0.01	1.7	<0.1	<0.05	3	<0.5	<0.2
1115508	Soil		7	10	0.12	78	0.070	<1	0.78	0.016	0.04	<0.1	0.02	0.9	<0.1	<0.05	5	<0.5	<0.2
1115509	Soil		45	38	0.58	202	0.100	1	1.84	0.015	0.07	0.1	0.03	5.2	0.1	<0.05	5	<0.5	<0.2
1115510	Soil		34	45	0.57	222	0.074	<1	2.36	0.012	0.07	<0.1	0.03	6.8	0.1	<0.05	6	<0.5	<0.2
1115511	Soil		132	46	0.63	295	0.107	2	2.40	0.015	0.08	<0.1	0.05	8.6	0.1	<0.05	6	<0.5	<0.2
1115512	Soil		18	47	0.43	187	0.033	2	2.30	0.011	0.08	0.1	0.02	5.0	0.2	<0.05	7	<0.5	<0.2

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600 - 666 Burrard St.
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Project: ECH
Report Date: August 12, 2011

CERTIFICATE OF ANALYSIS DAW11000085.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1115513	Soil	0.8	13.5	8.7	28	<0.1	11.1	5.4	137	2.02	6.7	0.6	1.1	5.1	9	<0.1	0.3	0.3	45	0.08	0.022
1115514	Soil	1.4	23.4	13.9	36	<0.1	17.6	9.0	285	3.60	9.6	1.0	<0.5	13.8	10	<0.1	0.5	0.3	79	0.10	0.041
1115515	Soil	1.3	24.3	10.8	52	<0.1	28.0	12.5	232	3.73	10.9	1.2	1.2	7.1	11	0.1	0.4	0.3	73	0.11	0.030
1115516	Soil	1.3	11.9	10.2	32	<0.1	9.9	4.8	194	2.29	6.3	0.7	1.0	3.4	9	<0.1	0.3	0.2	59	0.06	0.030
1115517	Soil	1.3	27.7	9.0	76	<0.1	44.8	21.4	511	5.41	6.9	2.0	<0.5	10.7	14	<0.1	0.3	0.4	109	0.16	0.013
1115518	Soil	2.1	23.0	11.2	72	<0.1	39.4	19.2	530	5.39	5.9	2.9	<0.5	11.0	8	<0.1	0.2	0.4	100	0.17	0.051
1115519	Soil	1.3	25.6	14.0	66	<0.1	27.7	13.5	349	3.72	11.2	1.1	0.7	9.7	17	0.1	0.6	0.3	77	0.18	0.024
1115520	Soil	0.9	35.1	10.3	70	<0.1	29.3	13.4	466	3.43	10.8	1.4	2.4	9.0	31	0.1	0.4	0.3	77	0.40	0.097
1115521	Soil	0.8	20.3	10.9	47	<0.1	18.5	8.5	167	3.21	10.6	0.9	1.4	1.2	18	0.2	0.3	0.2	76	0.22	0.122
1115522	Soil	0.8	36.2	9.8	61	<0.1	37.0	16.4	296	3.79	9.5	1.6	1.2	8.9	17	<0.1	0.4	0.3	84	0.17	0.030
1115523	Soil	1.4	28.9	12.9	69	<0.1	28.6	15.1	268	4.13	7.5	1.6	1.0	12.0	13	<0.1	0.4	0.3	68	0.10	0.063
1115524	Soil	0.7	23.4	10.0	59	<0.1	22.0	10.4	306	2.97	6.3	1.3	<0.5	6.7	20	<0.1	0.3	0.2	63	0.25	0.059
1115525	Soil	0.9	41.2	11.7	86	<0.1	31.2	17.3	553	5.19	9.8	2.4	2.9	29.4	29	<0.1	0.4	0.2	89	0.36	0.067
1115526	Soil	0.6	24.3	9.9	62	<0.1	22.2	11.5	388	3.25	6.3	1.2	3.9	13.5	23	<0.1	0.4	0.2	66	0.31	0.062
1115527	Soil	0.6	28.7	11.3	63	<0.1	25.9	12.6	406	3.58	7.7	1.5	3.0	15.9	27	<0.1	0.4	0.2	71	0.31	0.038
1115528	Soil	0.7	30.6	10.3	64	<0.1	25.7	12.6	461	3.44	8.8	2.6	0.5	18.9	26	<0.1	0.3	0.2	68	0.31	0.053
1115529	Soil	1.3	20.3	10.1	88	<0.1	21.9	11.2	418	4.46	7.2	2.6	<0.5	19.7	13	<0.1	0.2	0.4	77	0.16	0.064
1115530	Soil	0.8	32.7	16.5	90	<0.1	39.3	18.0	540	4.59	10.1	1.4	3.3	15.4	15	<0.1	0.3	0.4	70	0.16	0.041
1115531	Soil	1.3	22.9	13.2	64	<0.1	24.9	9.7	351	4.47	15.1	0.9	1.6	7.4	10	<0.1	0.4	0.3	83	0.08	0.030
1114535	Soil	1.1	29.7	21.1	66	0.1	22.5	21.1	1574	3.59	6.7	1.5	3.2	6.5	17	0.2	0.5	0.3	75	0.34	0.094
1114536	Soil	1.0	16.1	19.7	62	0.2	15.9	8.5	595	2.56	7.1	1.6	5.6	2.2	15	<0.1	0.5	0.2	57	0.19	0.058
1114537	Soil	0.8	15.0	11.7	64	0.1	16.3	7.3	239	2.52	6.3	1.9	1.1	2.7	14	<0.1	0.3	0.4	55	0.19	0.070
1114538	Soil	0.8	19.7	72.8	63	0.3	19.5	7.6	214	3.05	8.5	1.1	2.7	3.4	19	<0.1	1.0	0.4	66	0.24	0.074
1114539	Soil	0.7	22.4	59.2	73	0.2	21.4	10.1	356	2.99	7.6	1.0	4.5	6.4	17	0.2	1.2	0.5	61	0.27	0.069
1114540	Soil	0.9	21.2	47.0	63	0.2	21.0	7.5	231	2.72	7.0	1.0	3.7	3.9	20	<0.1	0.8	0.4	59	0.24	0.049
1114541	Soil	1.0	23.6	53.3	78	0.4	23.1	10.1	365	3.31	9.2	1.2	3.6	4.4	17	0.2	0.8	0.5	68	0.22	0.068
1114542	Soil	0.9	21.4	32.6	69	0.1	20.7	10.4	412	2.98	7.4	1.3	4.3	6.2	20	0.1	0.7	0.4	62	0.28	0.058
1114543	Soil	0.8	23.0	20.3	63	<0.1	21.3	9.5	302	2.83	6.8	1.1	2.2	5.9	22	0.1	0.5	0.3	60	0.28	0.054
1114544	Soil	0.9	25.9	31.0	71	0.1	23.8	11.0	417	3.35	9.2	1.6	2.3	6.8	21	0.1	0.7	0.4	69	0.25	0.057
1114545	Soil	0.9	21.8	17.5	66	<0.1	20.6	10.1	415	2.96	7.2	1.3	3.7	7.2	22	<0.1	0.5	0.3	59	0.29	0.056

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1115513	Soil		8	20	0.20	80	0.057	2	1.35	0.016	0.05	0.1	0.04	1.8	<0.1	<0.05	5	<0.5	<0.2
1115514	Soil		10	32	0.26	111	0.088	<1	3.76	0.017	0.04	0.2	0.03	3.7	<0.1	<0.05	9	0.5	<0.2
1115515	Soil		8	38	0.47	140	0.081	2	3.02	0.011	0.10	0.2	0.03	3.2	0.2	<0.05	8	<0.5	<0.2
1115516	Soil		7	19	0.19	70	0.057	<1	1.37	0.012	0.06	0.1	0.03	1.9	0.1	<0.05	7	<0.5	<0.2
1115517	Soil		13	84	1.43	107	0.157	<1	3.73	0.010	0.18	0.2	<0.01	6.2	0.4	<0.05	12	<0.5	<0.2
1115518	Soil		8	75	0.90	80	0.145	1	2.53	0.013	0.25	0.2	0.01	5.9	0.3	<0.05	10	<0.5	<0.2
1115519	Soil		14	44	0.60	163	0.087	<1	2.63	0.013	0.08	0.2	0.03	4.7	0.1	<0.05	7	<0.5	<0.2
1115520	Soil		27	40	0.76	245	0.115	2	2.23	0.021	0.16	0.2	0.04	5.9	0.2	<0.05	7	<0.5	<0.2
1115521	Soil		18	33	0.41	121	0.056	<1	2.09	0.011	0.07	0.2	0.04	2.2	0.1	<0.05	8	<0.5	<0.2
1115522	Soil		13	60	1.04	216	0.142	<1	3.61	0.017	0.30	0.1	0.02	6.0	0.2	<0.05	9	<0.5	<0.2
1115523	Soil		24	38	0.62	132	0.107	<1	3.30	0.010	0.14	0.2	0.02	3.8	0.2	<0.05	8	<0.5	<0.2
1115524	Soil		28	33	0.58	158	0.109	<1	2.15	0.017	0.11	0.2	0.02	3.7	0.1	<0.05	7	<0.5	<0.2
1115525	Soil		64	48	0.96	304	0.234	1	3.43	0.029	0.53	0.2	0.03	9.9	0.5	<0.05	12	<0.5	<0.2
1115526	Soil		35	38	0.70	187	0.142	<1	2.10	0.024	0.21	0.2	0.01	5.2	0.2	<0.05	7	<0.5	<0.2
1115527	Soil		33	40	0.69	222	0.149	<1	2.51	0.020	0.22	0.2	0.03	6.2	0.2	<0.05	8	<0.5	<0.2
1115528	Soil		61	36	0.69	201	0.153	<1	2.35	0.022	0.32	0.2	0.03	7.0	0.4	<0.05	7	<0.5	<0.2
1115529	Soil		54	39	0.85	101	0.254	<1	2.57	0.014	0.82	0.2	<0.01	5.7	0.7	<0.05	13	<0.5	<0.2
1115530	Soil		46	55	0.89	138	0.132	<1	2.86	0.013	0.46	0.1	<0.01	4.8	0.4	<0.05	9	<0.5	<0.2
1115531	Soil		13	40	0.59	79	0.164	<1	1.99	0.012	0.26	0.1	0.01	2.6	0.2	<0.05	10	<0.5	<0.2
1114535	Soil		25	41	0.88	213	0.108	<1	2.19	0.013	0.14	0.2	0.03	4.8	0.2	<0.05	8	<0.5	<0.2
1114536	Soil		14	27	0.44	148	0.062	1	1.75	0.010	0.07	0.2	0.03	2.4	0.2	<0.05	6	<0.5	<0.2
1114537	Soil		15	27	0.42	139	0.081	<1	1.94	0.011	0.11	0.6	0.04	2.8	0.2	<0.05	7	<0.5	<0.2
1114538	Soil		14	31	0.50	154	0.086	<1	2.08	0.015	0.10	0.8	0.04	3.3	0.2	<0.05	7	0.8	<0.2
1114539	Soil		14	33	0.58	150	0.100	1	2.11	0.011	0.13	1.2	0.02	3.5	0.2	<0.05	6	<0.5	<0.2
1114540	Soil		14	33	0.50	210	0.083	1	2.02	0.014	0.09	1.1	0.03	3.9	0.2	<0.05	6	<0.5	<0.2
1114541	Soil		14	38	0.60	181	0.081	<1	2.52	0.010	0.10	1.2	0.03	3.8	0.2	<0.05	8	<0.5	<0.2
1114542	Soil		18	36	0.55	209	0.097	<1	1.99	0.019	0.12	1.7	0.04	4.3	0.2	<0.05	6	<0.5	<0.2
1114543	Soil		19	33	0.55	210	0.098	1	1.96	0.016	0.10	1.2	0.02	4.0	0.2	<0.05	6	<0.5	<0.2
1114544	Soil		23	39	0.60	262	0.088	<1	2.47	0.015	0.11	1.3	0.03	4.6	0.2	<0.05	7	<0.5	<0.2
1114545	Soil		21	32	0.56	237	0.100	2	2.02	0.014	0.13	1.3	0.03	4.7	0.2	<0.05	6	<0.5	<0.2

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

Project: ECH
Report Date: August 12, 2011

CERTIFICATE OF ANALYSIS DAW11000085.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1114546	Soil	0.7	21.9	17.6	65	<0.1	22.3	9.8	375	2.90	6.2	1.2	6.4	8.6	22	0.1	0.4	0.3	61	0.31	0.055
1114547	Soil	0.8	20.9	17.9	68	<0.1	21.5	10.8	424	3.05	7.0	1.4	3.0	7.1	20	<0.1	0.5	0.3	63	0.27	0.059
1114548	Soil	1.2	20.3	23.7	67	<0.1	21.5	12.0	459	3.00	6.8	1.5	1.5	8.1	17	0.1	0.4	0.4	62	0.21	0.050
1114549	Soil	0.7	22.2	19.5	64	<0.1	21.3	10.4	430	3.04	6.4	1.7	2.3	9.6	19	0.2	0.4	0.3	62	0.26	0.050
1114550	Soil	0.9	22.9	22.3	71	0.1	21.9	10.5	387	3.30	7.4	1.6	2.6	8.7	21	0.2	0.5	0.3	65	0.27	0.061
1114551	Soil	0.7	19.7	18.4	62	0.1	19.1	9.1	328	2.79	5.7	1.8	2.6	9.0	19	0.2	0.4	0.3	56	0.27	0.064
1114552	Soil	0.8	20.7	20.5	64	<0.1	21.6	11.3	410	3.09	6.9	1.5	2.5	8.2	18	0.1	0.4	0.3	67	0.21	0.052
1114553	Soil	0.6	21.9	18.4	53	<0.1	19.3	8.7	311	2.52	5.8	1.7	13.9	9.7	21	0.1	0.4	0.2	55	0.24	0.047
1114554	Soil	0.8	22.7	23.5	62	<0.1	21.6	9.8	322	2.89	6.8	1.5	3.6	7.9	21	0.1	0.4	0.4	62	0.23	0.039
1114555	Soil	0.7	19.9	17.8	60	<0.1	22.3	10.2	344	2.87	6.0	1.4	1.5	8.9	18	0.1	0.4	0.4	63	0.22	0.040
1114556	Soil	1.1	25.7	15.1	62	<0.1	25.0	8.9	254	3.31	8.5	1.9	2.8	7.2	21	0.1	0.4	0.5	72	0.18	0.043
1114557	Soil	0.8	24.6	27.5	63	<0.1	23.4	10.3	326	3.05	7.1	2.2	2.7	9.5	20	0.1	0.5	0.3	63	0.23	0.045
1114558	Soil	0.8	25.2	17.3	62	<0.1	25.1	10.2	339	3.01	6.9	2.2	2.4	10.1	24	0.1	0.5	0.3	65	0.29	0.049
1114559	Soil	1.2	28.7	30.1	68	0.2	27.2	9.8	272	3.71	11.0	8.1	3.5	11.4	26	<0.1	0.6	0.4	74	0.29	0.054
1114560	Soil	0.8	23.4	32.9	65	<0.1	22.9	11.0	378	3.02	6.7	3.0	1.1	9.5	20	0.1	0.5	0.3	63	0.24	0.053
1114561	Soil	0.7	22.7	11.2	57	<0.1	22.0	8.3	249	2.70	6.6	2.1	3.9	8.1	21	0.1	0.4	0.3	56	0.23	0.045
1114562	Soil	0.9	23.1	11.7	60	<0.1	22.8	8.9	273	2.85	6.7	1.8	3.3	7.9	20	0.1	0.5	0.3	61	0.20	0.043
1114563	Soil	0.7	21.9	8.9	57	<0.1	21.3	8.9	293	2.75	6.0	1.8	1.9	8.7	19	<0.1	0.4	0.2	59	0.23	0.046
1114564	Soil	0.7	22.4	9.5	63	<0.1	21.8	9.6	320	2.89	6.3	1.6	6.2	9.7	20	0.1	0.4	0.2	62	0.24	0.049
1114565	Soil	0.8	17.9	10.3	55	<0.1	19.3	8.1	238	2.79	6.6	1.3	2.0	7.1	15	0.1	0.3	0.2	64	0.17	0.040
1116970	Soil	2.6	25.5	48.4	40	<0.1	6.9	2.9	132	1.82	4.3	2.5	1.9	29.2	11	<0.1	0.2	0.5	24	0.05	0.017
1116968	Soil	2.7	209.4	26.4	179	0.3	41.3	21.8	1830	4.45	1.0	1.6	3.0	30.2	23	0.7	<0.1	1.6	26	0.21	0.068
1116963	Soil	0.4	18.8	73.7	87	<0.1	18.2	12.9	787	2.60	1.4	1.3	2.2	28.0	21	0.2	<0.1	0.5	28	0.25	0.088
1116969	Soil	1.5	260.9	349.0	185	1.5	25.1	18.6	874	3.75	6.1	2.1	14.2	29.2	25	0.4	0.1	7.1	22	0.28	0.073
1116971	Soil	1.2	22.3	57.8	149	<0.1	4.0	6.9	773	1.65	2.5	4.9	1.8	38.7	21	0.3	0.1	0.4	9	0.08	0.036
1116965	Soil	0.7	8.6	14.0	70	<0.1	7.2	5.8	306	1.58	1.4	2.4	1.3	34.3	24	0.1	0.1	0.2	15	0.24	0.029
1116972	Soil	2.3	155.7	412.6	510	0.3	3.8	2.6	266	1.78	3.0	10.5	4.4	35.7	33	1.5	0.2	0.5	12	0.11	0.038
1116973	Soil	2.7	40.2	125.8	239	0.2	5.9	3.5	234	1.47	2.5	6.8	5.1	32.3	25	0.7	0.2	0.4	16	0.11	0.027
1116974	Soil	1.1	9.1	34.7	103	<0.1	3.1	3.0	200	1.44	1.3	4.0	<0.5	25.8	31	0.2	<0.1	0.3	9	0.14	0.039
1116964	Soil	0.7	17.2	51.5	37	0.1	18.1	6.8	185	1.83	4.3	1.0	0.7	18.4	13	<0.1	0.3	0.6	41	0.09	0.010

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Project: ECH
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CERTIFICATE OF ANALYSIS DAW11000085.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1114546	Soil		21	34	0.63	204	0.112	2	1.86	0.016	0.15	1.6	0.02	4.9	0.2	<0.05	6	<0.5	<0.2
1114547	Soil		21	33	0.57	222	0.099	2	2.08	0.013	0.12	1.5	0.02	4.5	0.3	<0.05	6	<0.5	<0.2
1114548	Soil		18	34	0.53	192	0.099	1	2.08	0.013	0.16	2.0	0.02	4.3	0.4	<0.05	7	<0.5	<0.2
1114549	Soil		25	36	0.63	231	0.113	1	1.87	0.013	0.16	1.3	0.02	5.2	0.3	<0.05	6	<0.5	<0.2
1114550	Soil		23	37	0.62	198	0.117	1	2.07	0.017	0.18	1.0	0.03	5.1	0.3	<0.05	7	<0.5	<0.2
1114551	Soil		22	31	0.53	185	0.111	3	1.79	0.014	0.19	1.0	0.02	4.5	0.3	<0.05	6	<0.5	<0.2
1114552	Soil		19	39	0.61	183	0.140	2	1.97	0.011	0.17	0.8	0.02	4.3	0.3	<0.05	7	<0.5	<0.2
1114553	Soil		23	32	0.55	193	0.128	1	1.53	0.013	0.14	0.7	0.02	4.6	0.2	<0.05	5	<0.5	<0.2
1114554	Soil		18	35	0.59	181	0.136	2	1.88	0.011	0.16	0.4	0.02	4.6	0.2	<0.05	6	<0.5	<0.2
1114555	Soil		20	38	0.64	164	0.154	1	1.74	0.010	0.18	0.4	0.02	4.1	0.3	<0.05	6	<0.5	<0.2
1114556	Soil		18	43	0.59	207	0.130	3	2.62	0.013	0.15	0.3	0.04	4.7	0.2	<0.05	8	<0.5	<0.2
1114557	Soil		23	38	0.64	200	0.135	2	1.95	0.011	0.13	0.3	0.03	4.7	0.2	<0.05	7	<0.5	<0.2
1114558	Soil		25	39	0.61	209	0.136	2	1.99	0.012	0.14	0.4	0.02	4.7	0.3	<0.05	7	<0.5	<0.2
1114559	Soil		39	45	0.58	253	0.133	2	2.78	0.015	0.18	0.5	0.07	6.8	0.3	<0.05	8	<0.5	<0.2
1114560	Soil		29	36	0.57	193	0.146	1	1.90	0.014	0.19	0.4	0.04	4.7	0.3	<0.05	7	<0.5	<0.2
1114561	Soil		23	35	0.54	205	0.119	2	1.94	0.011	0.12	0.3	0.04	4.7	0.2	<0.05	6	<0.5	<0.2
1114562	Soil		20	38	0.56	189	0.131	2	2.16	0.013	0.14	0.3	0.04	4.6	0.2	<0.05	7	<0.5	<0.2
1114563	Soil		22	36	0.57	198	0.137	2	1.86	0.011	0.15	0.4	0.03	4.5	0.2	<0.05	6	<0.5	<0.2
1114564	Soil		24	36	0.60	187	0.158	1	1.84	0.015	0.18	0.3	0.03	4.9	0.3	<0.05	6	<0.5	<0.2
1114565	Soil		14	34	0.51	143	0.146	1	1.93	0.012	0.17	0.3	0.04	3.9	0.3	<0.05	7	<0.5	<0.2
1116970	Soil		53	10	0.32	102	0.031	<1	1.06	0.005	0.08	<0.1	0.01	1.0	<0.1	<0.05	4	<0.5	<0.2
1116968	Soil		60	45	2.05	127	0.025	<1	2.19	0.003	0.17	<0.1	<0.01	3.0	0.1	0.08	6	<0.5	0.4
1116963	Soil		89	113	1.66	197	0.078	<1	1.92	0.004	0.37	<0.1	<0.01	2.3	0.3	<0.05	5	<0.5	<0.2
1116969	Soil		62	22	1.44	213	0.064	1	1.69	0.004	0.31	<0.1	0.02	2.7	0.2	<0.05	5	0.5	0.6
1116971	Soil		84	6	0.69	88	0.040	1	1.05	0.004	0.20	<0.1	0.02	1.0	0.2	<0.05	3	<0.5	<0.2
1116965	Soil		60	27	1.28	178	0.033	1	1.43	0.006	0.20	<0.1	0.01	2.1	0.2	<0.05	4	<0.5	<0.2
1116972	Soil		78	7	0.71	157	0.047	1	0.98	0.008	0.25	<0.1	0.11	1.1	0.2	0.06	3	<0.5	<0.2
1116973	Soil		71	9	0.81	132	0.053	<1	1.06	0.006	0.21	<0.1	0.06	1.3	0.2	<0.05	3	<0.5	<0.2
1116974	Soil		80	4	0.99	127	0.041	<1	1.10	0.005	0.20	<0.1	0.01	0.8	0.2	<0.05	3	<0.5	<0.2
1116964	Soil		47	33	0.49	194	0.053	1	1.46	0.006	0.06	<0.1	0.01	2.7	<0.1	<0.05	4	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1116966	Soil		2.5	91.3	91.3	106	0.4	6.2	12.0	800	3.04	5.2	6.7	2.1	42.9	20	0.3	0.1	0.8	6	0.15	0.043
1116967	Soil		2.2	29.0	57.9	62	0.1	5.7	6.2	336	1.79	1.7	3.7	0.8	35.1	23	0.2	<0.1	0.7	10	0.15	0.027
1116954	Soil		0.4	34.8	4.9	60	<0.1	51.3	24.6	480	3.37	2.3	0.7	3.7	1.3	43	0.1	0.1	<0.1	82	0.69	0.098
1116953	Soil		0.3	76.3	5.8	77	0.3	28.3	30.2	595	4.60	2.9	2.2	3.3	2.2	55	0.1	0.1	<0.1	126	0.73	0.079
1116951	Soil		0.9	26.4	37.4	76	<0.1	43.2	26.2	975	3.80	11.1	1.9	1.5	20.7	12	0.2	0.2	0.3	54	0.13	0.029
1116957	Soil		0.2	35.1	2.0	82	0.1	128.0	51.8	825	3.79	1.1	0.1	3.1	0.3	63	0.2	<0.1	<0.1	87	1.63	0.096
1116955	Soil		0.4	62.3	4.5	120	<0.1	106.2	56.3	1650	6.58	3.1	0.4	2.9	1.1	36	0.3	0.2	<0.1	156	0.64	0.108
1116960	Soil		0.3	33.9	4.5	102	<0.1	14.9	25.2	740	4.74	0.7	0.4	1.2	4.5	47	0.1	<0.1	<0.1	64	1.09	0.128
1116958	Soil		<0.1	43.0	1.4	90	<0.1	91.9	39.8	971	5.00	0.6	0.1	2.1	0.4	26	0.2	<0.1	<0.1	136	0.60	0.100
1116956	Soil		0.2	39.9	2.6	76	0.1	114.6	45.8	868	3.57	1.5	0.3	2.4	0.5	60	0.2	0.1	<0.1	83	1.28	0.096
1116959	Soil		0.1	60.7	1.8	71	<0.1	108.6	39.9	1033	4.58	1.1	0.1	0.8	0.7	58	0.1	<0.1	<0.1	96	1.02	0.079
1116952	Soil		0.9	21.3	26.2	56	0.2	21.6	10.9	499	2.82	5.7	5.1	5.1	12.4	39	<0.1	0.3	0.3	49	0.43	0.042
1116961	Soil		0.3	24.4	9.9	80	0.1	13.6	19.9	835	4.09	1.1	0.6	3.6	9.2	57	0.3	<0.1	<0.1	69	0.99	0.107
1116962	Soil		1.7	23.9	21.3	25	0.5	5.3	7.7	165	1.87	1.5	1.6	4.1	21.0	25	0.2	<0.1	0.7	7	0.32	0.033
1116980	Soil		1.6	19.0	163.6	144	<0.1	5.7	2.8	961	1.37	16.3	1.5	3.8	30.7	12	0.6	0.3	0.2	3	0.06	0.009
1116976	Soil		3.1	5.7	37.6	32	<0.1	1.8	0.6	65	0.57	1.1	3.8	2.6	24.8	33	<0.1	<0.1	0.2	3	0.03	0.016
1116977	Soil		4.4	45.1	213.8	55	0.2	3.6	1.0	78	1.31	3.2	2.5	3.6	28.6	10	<0.1	0.2	0.9	10	0.04	0.014
1116979	Soil		1.3	32.6	139.4	338	<0.1	32.7	23.3	1651	3.03	4.1	2.4	2.1	27.7	21	1.1	<0.1	0.2	13	0.22	0.084
1116981	Soil		21.0	101.8	43.4	209	0.9	91.1	26.0	775	4.43	55.7	1.8	2.0	10.9	36	3.0	1.4	0.3	66	1.10	0.160
1116982	Soil		9.3	116.3	34.6	138	0.8	6.6	1.9	423	11.87	12.7	0.6	20.5	2.2	18	<0.1	0.3	5.3	133	0.06	0.096
1116975	Soil		4.0	67.3	203.4	258	0.2	9.0	4.3	274	1.78	3.3	3.4	6.2	33.5	23	1.0	0.3	0.6	21	0.13	0.021
1116984	Soil		2.4	10.0	63.5	33	0.1	2.1	4.4	638	1.28	1.0	1.1	1.7	14.6	8	<0.1	0.1	0.5	5	0.08	0.016
1116978	Soil		2.6	41.5	249.1	118	0.3	16.7	6.9	205	2.38	7.2	2.0	2.3	19.2	21	0.3	0.4	1.1	44	0.17	0.027
1116983	Soil		2.6	9.1	75.8	33	0.1	1.6	4.3	697	1.26	0.8	1.0	<0.5	16.2	7	<0.1	<0.1	0.5	2	0.09	0.017
1117304	Soil		0.6	11.5	13.0	68	<0.1	15.0	7.9	466	2.50	5.3	5.2	3.7	5.8	19	0.1	0.2	0.9	49	0.30	0.069
1117302	Soil		1.0	19.6	18.3	73	0.2	20.1	10.0	692	2.90	7.2	13.1	<0.5	4.0	38	0.3	0.4	1.1	60	0.48	0.064
1117306	Soil		1.7	28.9	28.4	82	0.3	28.9	13.3	859	3.93	10.8	14.3	<0.5	3.2	46	0.3	0.5	1.1	79	0.54	0.083
1117305	Soil		0.9	11.8	13.0	50	<0.1	12.0	7.3	328	2.29	5.6	3.0	<0.5	2.4	13	0.2	0.2	0.7	61	0.14	0.029
1117303	Soil		0.9	18.1	13.3	65	0.1	19.7	10.7	495	2.83	6.6	8.6	0.6	3.2	22	0.2	0.3	0.7	63	0.30	0.054
1117301	Soil		1.1	17.5	15.0	73	0.1	18.9	11.6	486	3.30	9.0	3.8	<0.5	2.6	24	0.2	0.3	0.5	78	0.28	0.051

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

Project: ECH
Report Date: August 12, 2011

CERTIFICATE OF ANALYSIS DAW11000085.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1116966	Soil		68	8	0.90	155	0.006	<1	1.07	0.003	0.11	<0.1	0.01	1.4	<0.1	0.06	3	0.5	<0.2
1116967	Soil		64	7	0.66	108	0.040	<1	0.92	0.005	0.26	<0.1	<0.01	1.3	0.2	<0.05	3	<0.5	<0.2
1116954	Soil		5	196	1.89	374	0.191	<1	2.08	0.009	0.18	<0.1	0.02	2.3	0.1	<0.05	7	<0.5	<0.2
1116953	Soil		17	125	3.40	549	0.143	1	3.33	0.010	0.39	<0.1	0.04	8.2	0.2	<0.05	7	<0.5	<0.2
1116951	Soil		38	96	1.76	165	0.067	1	2.62	0.004	0.22	<0.1	0.02	7.3	0.3	<0.05	6	<0.5	<0.2
1116957	Soil		3	317	3.36	271	0.170	<1	2.64	0.006	0.28	<0.1	<0.01	3.5	<0.1	<0.05	6	<0.5	<0.2
1116955	Soil		6	299	3.08	329	0.192	1	3.34	0.009	0.38	0.1	0.01	10.1	0.3	<0.05	9	<0.5	<0.2
1116960	Soil		14	296	3.38	107	0.018	<1	3.30	0.007	0.10	<0.1	<0.01	3.9	<0.1	<0.05	9	<0.5	<0.2
1116958	Soil		4	288	4.06	173	0.150	<1	3.24	0.005	0.21	<0.1	<0.01	6.6	<0.1	<0.05	8	<0.5	<0.2
1116956	Soil		4	279	3.11	322	0.151	<1	2.58	0.007	0.22	<0.1	0.02	3.9	<0.1	<0.05	5	<0.5	<0.2
1116959	Soil		3	212	2.99	212	0.210	<1	2.78	0.007	0.28	<0.1	<0.01	4.5	<0.1	<0.05	7	<0.5	<0.2
1116952	Soil		39	51	0.82	394	0.063	<1	2.04	0.012	0.10	0.1	0.04	3.9	0.2	<0.05	6	<0.5	<0.2
1116961	Soil		36	294	3.31	150	0.025	1	2.94	0.004	0.10	<0.1	0.03	7.9	<0.1	<0.05	8	<0.5	<0.2
1116962	Soil		52	7	0.15	134	0.003	<1	0.43	0.003	0.08	<0.1	0.03	1.5	0.1	0.06	1	<0.5	<0.2
1116980	Soil		50	3	0.05	130	0.003	<1	0.34	0.005	0.13	<0.1	0.01	0.6	0.1	<0.05	1	1.1	<0.2
1116976	Soil		83	2	0.39	158	0.003	<1	0.51	0.003	0.10	<0.1	0.02	0.4	<0.1	0.10	1	<0.5	<0.2
1116977	Soil		61	7	0.23	126	0.015	<1	0.55	0.005	0.17	<0.1	0.02	0.7	0.1	0.08	2	<0.5	<0.2
1116979	Soil		62	22	0.88	218	0.079	1	0.88	0.004	0.73	<0.1	0.03	1.5	0.7	<0.05	3	<0.5	<0.2
1116981	Soil		22	73	1.40	203	0.009	<1	1.38	0.003	0.13	0.3	0.02	4.4	0.7	0.18	5	5.7	<0.2
1116982	Soil		12	11	0.98	54	0.044	<1	1.45	0.067	0.81	0.1	0.05	4.4	0.5	2.32	14	1.5	1.7
1116975	Soil		64	14	0.40	271	0.033	<1	1.11	0.009	0.17	<0.1	0.06	2.4	0.1	<0.05	3	<0.5	<0.2
1116984	Soil		33	4	0.04	242	0.002	<1	0.37	0.006	0.12	<0.1	<0.01	1.3	<0.1	<0.05	1	<0.5	<0.2
1116978	Soil		48	23	0.34	246	0.052	<1	1.48	0.010	0.10	0.1	0.03	3.7	0.1	<0.05	4	<0.5	<0.2
1116983	Soil		32	3	0.03	241	0.002	<1	0.29	0.004	0.12	<0.1	<0.01	1.2	<0.1	<0.05	<1	<0.5	<0.2
1117304	Soil		13	26	0.47	184	0.109	1	1.56	0.012	0.24	0.3	0.01	3.3	0.3	<0.05	6	<0.5	<0.2
1117302	Soil		17	32	0.49	283	0.086	2	2.31	0.012	0.18	0.3	0.05	4.9	0.3	<0.05	7	<0.5	<0.2
1117306	Soil		22	43	0.53	469	0.103	1	3.36	0.017	0.18	0.4	0.06	6.4	0.2	0.10	10	0.6	<0.2
1117305	Soil		9	22	0.31	128	0.088	1	1.55	0.012	0.10	0.2	0.01	2.2	0.1	<0.05	7	<0.5	<0.2
1117303	Soil		13	33	0.53	232	0.098	1	2.19	0.013	0.19	0.4	0.01	4.0	0.3	<0.05	8	<0.5	<0.2
1117301	Soil		10	33	0.52	205	0.093	1	2.28	0.011	0.14	0.2	0.01	3.2	0.2	<0.05	8	<0.5	<0.2

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Project: ECH
Report Date: August 12, 2011

CERTIFICATE OF ANALYSIS DAW11000085.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1117307	Soil	0.9	17.3	19.8	69	0.2	19.8	7.0	230	3.00	7.1	7.1	<0.5	2.7	25	0.2	0.3	1.1	61	0.29	0.060
1117308	Soil	1.1	15.2	21.7	59	0.2	17.2	6.2	218	2.57	6.5	6.6	<0.5	2.0	31	0.1	0.3	0.8	51	0.37	0.058
1117324	Soil	0.9	10.7	13.5	55	<0.1	14.4	6.3	215	2.32	5.8	1.8	<0.5	2.0	18	0.3	0.2	0.4	51	0.20	0.026
1117323	Soil	1.1	23.2	18.9	75	0.1	22.7	10.6	404	3.22	8.5	9.4	1.8	4.6	34	0.1	0.4	0.6	67	0.53	0.048
1117320	Soil	1.2	25.3	20.4	70	0.3	22.7	8.4	417	2.99	8.2	18.2	<0.5	1.4	88	0.2	0.5	0.7	48	1.17	0.110
1117321	Soil	1.2	21.0	20.0	70	0.2	23.4	11.5	413	3.57	10.1	8.8	9.4	4.3	30	0.1	0.4	0.7	70	0.39	0.059
1117309	Soil	0.8	15.6	16.0	58	0.2	16.3	5.8	160	2.60	6.3	8.4	10.5	2.0	23	0.2	0.3	0.8	52	0.29	0.056
1117310	Soil	0.7	11.7	14.0	48	0.1	12.0	5.5	189	2.01	4.8	4.0	8.5	2.9	19	0.2	0.2	0.7	45	0.22	0.028
1117311	Soil	0.7	9.4	11.7	33	0.1	8.4	3.5	112	1.36	2.8	2.2	7.3	1.2	15	0.2	0.2	0.6	31	0.14	0.027
1117312	Soil	1.0	11.8	18.0	62	<0.1	17.8	12.9	514	2.99	8.4	2.7	8.1	5.2	20	0.1	0.3	0.7	69	0.22	0.038
1117313	Soil	0.9	13.9	17.2	63	<0.1	16.5	9.4	409	2.62	6.9	4.1	5.4	4.3	21	0.2	0.3	0.6	56	0.28	0.052
1117314	Soil	1.0	19.4	17.8	61	0.1	18.5	8.4	389	2.77	7.2	5.8	7.9	4.5	21	0.2	0.3	0.7	59	0.24	0.048
1117315	Soil	1.0	24.2	20.9	49	0.4	19.1	9.9	784	1.89	3.9	18.6	13.6	0.6	91	0.6	0.6	0.4	29	1.07	0.126
1117316	Soil	1.1	19.1	19.5	61	0.2	18.4	8.3	342	2.89	7.8	7.3	6.5	3.2	29	0.2	0.3	0.6	61	0.33	0.055
1117317	Soil	1.0	17.8	19.9	66	<0.1	19.9	10.6	483	2.92	7.9	9.0	7.3	4.9	28	0.2	0.3	0.6	61	0.36	0.049
1117318	Soil	0.9	18.2	16.5	66	0.1	18.1	10.1	298	3.03	8.1	7.6	6.4	6.0	23	0.2	0.4	0.6	60	0.29	0.052
1117319	Soil	0.9	22.1	20.2	72	0.2	22.1	10.1	288	3.46	10.3	8.7	5.0	5.2	23	0.2	0.4	1.0	76	0.28	0.060
1117325	Soil	1.0	16.9	14.9	49	0.1	15.3	6.3	215	2.37	6.4	4.3	3.8	3.8	25	0.1	0.2	0.4	57	0.29	0.020
1117326	Soil	0.9	25.1	15.2	75	0.2	23.8	9.7	462	3.11	8.5	6.4	1.4	4.0	44	0.3	0.3	0.5	64	0.52	0.057
1117327	Soil	1.2	19.3	16.4	59	0.2	18.7	10.4	412	2.73	9.3	7.8	2.1	2.7	43	0.1	0.3	0.5	63	0.58	0.067
1117328	Soil	1.5	19.9	21.6	77	<0.1	21.9	10.9	449	3.86	12.1	3.1	0.5	4.9	20	0.2	0.3	0.6	83	0.23	0.040
1117329	Soil	1.1	17.1	13.2	58	0.1	18.0	8.0	297	2.65	7.5	3.3	3.5	3.0	27	0.2	0.3	0.4	61	0.31	0.040
1117330	Soil	1.0	18.7	17.8	68	0.2	20.5	9.2	317	3.09	9.3	4.8	1.2	3.8	31	0.2	0.3	0.6	70	0.34	0.051
1117331	Soil	1.6	17.5	12.7	69	0.1	19.0	7.3	395	2.77	9.6	4.7	<0.5	3.8	47	0.2	0.4	0.4	73	0.47	0.043
1117332	Soil	1.6	17.6	13.7	75	0.1	19.2	7.9	539	2.80	11.3	3.6	4.8	3.8	37	0.2	0.4	0.4	82	0.41	0.045
1116880	Soil	0.5	11.9	7.4	47	<0.1	13.6	6.9	322	1.93	5.0	2.0	9.3	5.1	18	0.1	0.2	0.2	46	0.26	0.053
1116881	Soil	0.8	15.8	11.3	67	<0.1	19.2	9.6	504	2.73	7.4	5.5	6.6	5.8	26	0.2	0.3	0.4	63	0.34	0.057
1116882	Soil	0.9	17.6	15.4	75	<0.1	20.2	10.3	488	2.85	6.7	18.0	2.3	5.8	22	0.2	0.3	0.8	59	0.32	0.072
1116851	Soil	0.8	16.3	11.0	75	<0.1	19.7	9.7	458	2.66	7.3	3.6	2.7	5.6	22	0.1	0.3	0.6	57	0.32	0.079
1116852	Soil	0.6	16.5	11.6	72	<0.1	18.6	10.0	484	2.68	7.1	3.9	1.2	6.0	23	0.2	0.4	0.6	57	0.34	0.084

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1117307	Soil	10	34	0.48	259	0.071	<1	2.74	0.013	0.14	0.2	0.03	4.2	0.2	<0.05	9	<0.5	<0.2
1117308	Soil	10	29	0.44	214	0.064	1	2.22	0.013	0.11	0.2	0.04	3.5	0.2	<0.05	7	<0.5	<0.2
1117324	Soil	7	25	0.32	139	0.074	1	2.07	0.016	0.11	0.1	<0.01	2.3	0.1	<0.05	7	<0.5	<0.2
1117323	Soil	16	38	0.57	280	0.090	1	2.68	0.013	0.13	0.2	0.04	5.0	0.2	<0.05	8	<0.5	<0.2
1117320	Soil	23	34	0.42	473	0.059	6	3.02	0.012	0.16	0.2	0.08	5.2	0.2	0.16	8	<0.5	<0.2
1117321	Soil	14	36	0.50	267	0.086	1	2.61	0.019	0.12	0.2	0.10	4.8	0.2	<0.05	8	0.7	<0.2
1117309	Soil	10	30	0.44	208	0.078	2	2.23	0.013	0.12	0.2	0.11	3.4	0.2	<0.05	8	0.7	<0.2
1117310	Soil	10	23	0.37	140	0.085	2	1.54	0.012	0.10	0.2	0.06	2.4	0.1	<0.05	6	<0.5	<0.2
1117311	Soil	8	15	0.21	113	0.062	2	1.14	0.013	0.07	0.2	0.06	1.6	0.1	<0.05	5	<0.5	<0.2
1117312	Soil	12	34	0.55	171	0.106	2	2.23	0.011	0.12	0.3	0.07	3.2	0.2	<0.05	8	0.5	<0.2
1117313	Soil	13	30	0.45	171	0.089	1	1.84	0.011	0.13	0.2	0.05	2.9	0.2	<0.05	6	0.5	<0.2
1117314	Soil	13	31	0.45	210	0.091	2	2.24	0.013	0.13	0.2	0.07	3.6	0.2	<0.05	7	0.6	<0.2
1117315	Soil	26	23	0.29	431	0.041	3	1.75	0.016	0.15	0.2	0.22	3.4	0.2	0.14	4	0.7	<0.2
1117316	Soil	13	33	0.44	254	0.090	1	2.26	0.012	0.13	0.2	0.08	3.9	0.2	<0.05	7	0.6	<0.2
1117317	Soil	13	35	0.53	203	0.102	<1	2.02	0.011	0.15	0.2	0.07	3.8	0.2	<0.05	7	<0.5	<0.2
1117318	Soil	15	32	0.50	205	0.099	1	2.12	0.012	0.12	0.2	0.08	4.5	0.2	<0.05	7	0.6	<0.2
1117319	Soil	14	38	0.53	268	0.093	1	2.98	0.011	0.13	0.2	0.08	5.4	0.2	<0.05	9	0.7	<0.2
1117325	Soil	12	27	0.40	192	0.083	1	2.03	0.016	0.11	0.2	0.05	2.9	0.2	<0.05	7	<0.5	<0.2
1117326	Soil	19	37	0.56	347	0.100	3	2.49	0.018	0.16	0.2	0.04	5.1	0.2	<0.05	8	<0.5	<0.2
1117327	Soil	13	30	0.43	240	0.086	3	2.25	0.017	0.13	0.2	0.03	3.5	0.2	<0.05	8	<0.5	<0.2
1117328	Soil	12	39	0.55	199	0.101	3	2.99	0.010	0.18	0.2	0.04	4.1	0.2	<0.05	10	<0.5	<0.2
1117329	Soil	13	29	0.48	200	0.084	2	1.87	0.016	0.15	0.1	0.02	3.2	0.2	<0.05	7	<0.5	<0.2
1117330	Soil	13	34	0.53	266	0.094	2	2.45	0.013	0.15	0.3	0.03	4.3	0.2	<0.05	9	<0.5	<0.2
1117331	Soil	12	30	0.46	202	0.095	2	1.76	0.013	0.11	0.3	0.02	3.0	0.1	<0.05	8	<0.5	<0.2
1117332	Soil	12	31	0.50	205	0.110	2	1.81	0.011	0.11	0.2	0.02	3.1	0.1	<0.05	8	<0.5	<0.2
1116880	Soil	12	23	0.44	125	0.093	2	1.19	0.012	0.10	0.2	0.01	2.8	0.2	<0.05	4	<0.5	<0.2
1116881	Soil	13	32	0.59	193	0.119	2	1.88	0.014	0.17	0.3	0.02	4.2	0.2	<0.05	7	<0.5	<0.2
1116882	Soil	14	35	0.58	197	0.110	2	1.94	0.012	0.26	0.8	0.03	4.4	0.3	<0.05	7	<0.5	<0.2
1116851	Soil	17	29	0.55	182	0.101	2	1.92	0.015	0.14	0.2	0.02	3.6	0.3	<0.05	6	<0.5	<0.2
1116852	Soil	18	29	0.54	189	0.104	2	1.93	0.011	0.13	0.2	0.03	3.7	0.2	<0.05	6	<0.5	<0.2

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

Project: ECH
Report Date: August 12, 2011

CERTIFICATE OF ANALYSIS DAW11000085.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1116853	Soil	0.6	16.0	11.3	67	<0.1	17.4	8.8	448	2.44	6.4	2.6	1.4	4.2	23	0.1	0.3	0.5	57	0.34	0.069
1116854	Soil	0.8	10.9	12.8	63	<0.1	15.7	11.8	775	2.39	5.6	1.8	2.2	4.9	15	0.2	0.3	0.4	55	0.28	0.076
1116855	Soil	0.6	14.1	9.7	60	<0.1	15.6	8.6	419	2.30	5.8	2.4	2.2	4.1	20	0.2	0.3	0.2	53	0.31	0.068
1116856	Soil	0.6	18.0	11.8	68	<0.1	18.2	10.3	346	2.66	6.9	4.1	1.3	4.5	18	0.2	0.4	0.3	59	0.28	0.068
1116857	Soil	0.8	15.8	12.7	70	<0.1	18.9	9.5	305	2.53	4.8	4.7	3.9	5.2	21	0.2	0.4	0.4	53	0.31	0.077
1116858	Soil	1.2	14.3	16.4	65	<0.1	17.4	9.7	577	2.46	7.2	2.2	2.8	3.7	23	0.2	0.4	0.4	62	0.31	0.056
1116859	Soil	0.5	13.2	9.1	63	<0.1	15.9	8.0	416	2.24	4.3	2.9	3.3	5.2	21	0.2	0.3	0.2	50	0.35	0.078
1116875	Soil	0.6	14.3	9.3	56	<0.1	20.0	11.0	383	2.62	6.4	2.3	0.8	5.6	21	0.2	0.3	0.2	59	0.28	0.051
1116876	Soil	1.1	10.5	12.8	57	<0.1	15.9	7.2	325	2.71	6.8	1.2	0.5	3.7	15	0.3	0.3	0.3	68	0.18	0.046
1116877	Soil	0.6	15.7	9.7	53	<0.1	16.8	8.8	431	2.28	4.8	4.3	1.8	5.2	21	0.1	0.3	0.2	49	0.29	0.060
1116878	Soil	0.8	11.3	10.0	38	<0.1	11.6	5.4	189	2.04	5.3	1.6	<0.5	2.9	13	0.1	0.3	0.2	49	0.13	0.030
1116879	Soil	0.5	12.8	6.7	50	<0.1	15.1	8.0	350	2.02	4.6	2.3	1.3	4.7	21	0.2	0.2	0.1	46	0.29	0.057
1116869	Soil	0.6	12.2	8.2	56	<0.1	14.9	8.7	408	2.15	4.3	2.9	1.6	6.2	18	0.2	0.2	0.2	50	0.29	0.077
1116870	Soil	0.8	12.9	10.3	61	<0.1	17.1	9.0	418	2.93	7.1	1.1	1.6	4.9	11	0.2	0.3	0.3	67	0.17	0.049
1116871	Soil	0.6	13.5	10.0	56	<0.1	18.3	10.0	444	2.60	6.3	1.3	2.7	4.8	16	0.2	0.3	0.2	59	0.25	0.067
1116872	Soil	0.7	24.3	10.0	63	<0.1	23.1	9.3	391	2.58	6.4	4.6	4.0	5.4	29	0.1	0.4	0.2	60	0.37	0.074
1116873	Soil	0.6	14.5	11.0	63	<0.1	19.0	10.6	524	2.49	7.2	3.3	2.8	7.7	17	0.2	0.3	0.2	55	0.26	0.072
1116874	Soil	0.7	21.3	9.1	60	<0.1	19.4	10.9	449	2.42	5.9	4.0	2.4	6.7	23	0.2	0.4	0.2	58	0.33	0.063
1116865	Soil	0.7	20.7	12.7	59	<0.1	26.7	11.2	413	2.85	8.2	2.2	14.2	6.1	18	0.3	0.5	0.2	63	0.19	0.039
1116866	Soil	0.7	14.5	11.2	55	<0.1	19.1	10.6	511	2.34	5.8	2.5	2.6	5.9	14	0.2	0.5	0.2	54	0.20	0.067

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Project: ECH
Report Date: August 12, 2011

CERTIFICATE OF ANALYSIS DAW11000085.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1116853	Soil	14	29	0.54	145	0.100	1	1.73	0.014	0.13	0.2	0.02	3.4	0.2	<0.05	6	<0.5	<0.2
1116854	Soil	12	28	0.49	100	0.100	2	1.55	0.009	0.13	0.2	0.03	2.6	0.2	<0.05	6	<0.5	<0.2
1116855	Soil	13	27	0.51	135	0.099	1	1.69	0.012	0.11	0.1	0.03	3.2	0.2	<0.05	6	<0.5	<0.2
1116856	Soil	15	32	0.56	150	0.110	1	1.96	0.012	0.13	0.2	0.03	4.0	0.2	<0.05	6	<0.5	<0.2
1116857	Soil	15	33	0.59	190	0.108	<1	1.98	0.017	0.18	0.2	0.03	4.2	0.2	<0.05	7	0.5	<0.2
1116858	Soil	12	31	0.49	190	0.094	1	1.86	0.016	0.12	0.2	0.03	3.1	0.2	<0.05	6	<0.5	<0.2
1116859	Soil	12	27	0.59	161	0.122	<1	1.66	0.016	0.27	0.2	<0.01	3.9	0.3	<0.05	6	0.6	<0.2
1116875	Soil	12	32	0.58	153	0.114	2	1.91	0.012	0.11	0.2	0.01	3.4	0.2	<0.05	5	<0.5	<0.2
1116876	Soil	10	28	0.49	108	0.108	2	1.88	0.010	0.12	0.2	0.03	3.0	0.2	<0.05	8	<0.5	<0.2
1116877	Soil	14	28	0.52	168	0.128	1	1.47	0.013	0.14	0.2	<0.01	3.7	0.2	<0.05	5	<0.5	<0.2
1116878	Soil	9	20	0.26	114	0.087	1	1.60	0.020	0.09	0.1	0.02	2.3	0.1	<0.05	6	<0.5	<0.2
1116879	Soil	13	24	0.45	153	0.099	<1	1.32	0.014	0.11	0.1	0.01	3.3	0.2	<0.05	4	<0.5	<0.2
1116869	Soil	15	26	0.53	152	0.117	<1	1.51	0.012	0.18	0.2	<0.01	3.5	0.3	<0.05	6	<0.5	<0.2
1116870	Soil	10	27	0.51	106	0.122	2	2.10	0.010	0.11	0.2	0.04	3.3	0.2	<0.05	8	<0.5	<0.2
1116871	Soil	12	29	0.58	108	0.113	1	1.75	0.017	0.12	0.2	0.02	3.3	0.2	<0.05	6	0.6	<0.2
1116872	Soil	17	34	0.64	234	0.120	2	1.88	0.015	0.14	0.2	0.03	5.5	0.2	<0.05	6	<0.5	<0.2
1116873	Soil	14	28	0.54	160	0.109	2	1.84	0.013	0.13	0.2	0.03	3.7	0.2	<0.05	6	<0.5	<0.2
1116874	Soil	17	32	0.57	171	0.115	1	1.61	0.016	0.13	0.2	0.03	5.0	0.2	<0.05	5	<0.5	<0.2
1116865	Soil	12	40	0.58	174	0.110	2	2.38	0.011	0.10	0.2	0.03	3.7	0.2	<0.05	6	<0.5	<0.2
1116866	Soil	13	35	0.51	111	0.104	<1	1.68	0.011	0.13	0.3	0.02	3.0	0.2	<0.05	6	<0.5	<0.2

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Client: **Ryan Gold Corp.**
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Project: ECH
Report Date: August 12, 2011

QUALITY CONTROL REPORT DAW11000085.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1114087	Soil	1.6	37.1	29.9	78	0.3	25.7	19.8	936	3.95	11.0	9.5	4.3	14.0	69	0.1	0.4	0.9	69	0.94	0.070
REP 1114087	QC	1.5	36.0	25.5	74	0.3	24.6	19.0	888	3.74	10.5	9.8	2.9	14.4	66	0.2	0.5	0.9	67	0.90	0.071
1114012	Soil	0.8	22.1	9.1	38	0.1	13.0	6.8	185	1.95	4.1	4.1	<0.5	2.6	32	0.2	0.2	0.4	31	0.30	0.062
REP 1114012	QC	0.6	21.6	9.5	38	0.1	12.8	6.6	187	1.95	4.3	4.2	0.6	2.4	32	0.2	0.2	0.4	32	0.29	0.059
1117354	Soil	0.7	12.9	10.5	67	<0.1	16.4	11.4	914	2.64	6.1	6.4	<0.5	2.0	22	0.2	0.3	0.3	55	0.23	0.048
REP 1117354	QC	0.8	13.4	11.2	68	<0.1	16.2	11.8	936	2.73	6.0	6.8	5.2	2.1	23	0.2	0.3	0.3	56	0.23	0.049
1117342	Soil	0.5	10.6	9.7	61	<0.1	14.5	6.5	306	2.33	6.3	12.8	1.0	3.5	18	<0.1	0.2	0.3	50	0.26	0.073
REP 1117342	QC	0.4	10.4	9.4	62	<0.1	14.5	6.6	309	2.30	6.3	12.3	4.6	3.3	19	<0.1	0.2	0.3	49	0.25	0.073
1114521	Soil	0.6	14.9	13.3	52	<0.1	18.0	8.7	276	2.95	6.2	0.9	1.8	5.5	23	<0.1	0.3	0.4	61	0.43	0.027
REP 1114521	QC	0.6	15.5	13.8	54	<0.1	18.4	9.1	288	3.05	6.8	0.9	5.8	5.6	24	<0.1	0.3	0.4	62	0.44	0.027
1114503	Soil	0.4	13.1	10.3	62	<0.1	15.8	6.7	149	2.54	6.3	2.9	1.7	3.9	18	0.1	0.4	0.3	56	0.21	0.051
REP 1114503	QC	0.4	12.4	10.0	62	<0.1	15.2	6.4	145	2.43	5.9	2.9	2.0	3.8	17	0.2	0.3	0.3	54	0.20	0.051
1116924	Soil	0.8	9.9	8.6	48	<0.1	14.0	6.1	148	1.97	4.0	1.8	<0.5	3.3	21	0.1	0.2	0.2	41	0.25	0.060
REP 1116924	QC	0.9	10.0	8.4	46	0.1	12.5	6.2	142	1.91	4.3	1.8	0.8	3.1	20	0.1	0.3	0.2	41	0.25	0.061
1113009	Soil	0.7	19.4	9.2	54	0.1	15.6	8.2	333	2.26	3.7	3.0	0.6	1.7	25	0.2	0.3	0.3	46	0.32	0.077
REP 1113009	QC	0.6	19.6	8.7	51	0.1	15.3	7.3	311	2.06	3.2	3.1	1.8	1.6	24	0.2	0.3	0.2	43	0.29	0.073
1113018	Soil	0.5	9.5	10.3	60	<0.1	12.6	5.6	171	2.05	4.3	1.9	3.1	3.8	17	0.1	0.2	0.2	50	0.25	0.070
REP 1113018	QC	0.6	9.5	10.4	60	<0.1	12.5	5.6	166	2.07	4.3	1.9	1.5	3.8	17	0.1	0.2	0.2	51	0.24	0.068
1115501	Soil	0.8	27.0	12.7	72	0.1	24.4	12.8	447	3.57	7.1	1.7	1.5	7.7	45	<0.1	0.4	0.2	64	0.51	0.069
REP 1115501	QC	0.9	25.7	12.4	70	0.1	23.2	12.4	438	3.52	6.7	1.6	2.0	7.3	41	<0.1	0.4	0.2	63	0.48	0.068
1115527	Soil	0.6	28.7	11.3	63	<0.1	25.9	12.6	406	3.58	7.7	1.5	3.0	15.9	27	<0.1	0.4	0.2	71	0.31	0.038
REP 1115527	QC	0.7	26.5	10.4	60	<0.1	24.3	12.2	391	3.41	7.3	1.5	0.9	15.1	24	<0.1	0.4	0.2	67	0.29	0.036
1114548	Soil	1.2	20.3	23.7	67	<0.1	21.5	12.0	459	3.00	6.8	1.5	1.5	8.1	17	0.1	0.4	0.4	62	0.21	0.050
REP 1114548	QC	1.0	21.1	24.6	72	<0.1	21.2	12.7	476	3.11	7.1	1.5	2.5	8.3	17	0.2	0.5	0.4	63	0.21	0.055
1114557	Soil	0.8	24.6	27.5	63	<0.1	23.4	10.3	326	3.05	7.1	2.2	2.7	9.5	20	0.1	0.5	0.3	63	0.23	0.045
REP 1114557	QC	0.8	25.2	27.8	64	<0.1	24.7	10.6	329	3.05	6.7	2.2	1.6	9.8	21	<0.1	0.5	0.3	65	0.24	0.045
1116972	Soil	2.3	155.7	412.6	510	0.3	3.8	2.6	266	1.78	3.0	10.5	4.4	35.7	33	1.5	0.2	0.5	12	0.11	0.038
REP 1116972	QC	2.2	149.7	414.2	503	0.3	3.9	2.5	256	1.73	3.0	10.3	2.8	34.8	32	1.4	0.1	0.5	11	0.10	0.036

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QUALITY CONTROL REPORT DAW11000085.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1114087	Soil	95	41	0.45	282	0.066	2	3.20	0.018	0.15	0.3	0.06	7.1	0.2	<0.05	9	1.0	<0.2
REP 1114087	QC	96	39	0.44	284	0.067	2	3.01	0.018	0.14	0.4	0.08	7.2	0.2	<0.05	8	1.2	<0.2
1114012	Soil	25	18	0.23	178	0.051	<1	1.49	0.014	0.11	<0.1	0.06	2.6	0.2	<0.05	5	0.8	<0.2
REP 1114012	QC	25	19	0.22	174	0.055	1	1.46	0.014	0.11	<0.1	0.08	2.7	0.2	<0.05	4	0.5	<0.2
1117354	Soil	13	26	0.52	188	0.073	<1	1.98	0.013	0.07	0.1	<0.01	2.7	0.2	0.10	7	<0.5	<0.2
REP 1117354	QC	14	27	0.51	193	0.079	<1	2.00	0.014	0.08	0.1	0.04	2.9	0.2	0.09	7	<0.5	<0.2
1117342	Soil	13	24	0.49	116	0.081	<1	1.69	0.010	0.11	0.1	0.01	2.5	0.2	<0.05	6	<0.5	<0.2
REP 1117342	QC	13	25	0.48	116	0.082	<1	1.70	0.011	0.11	<0.1	0.02	2.7	0.2	<0.05	6	0.6	<0.2
1114521	Soil	13	31	0.54	157	0.077	<1	2.12	0.012	0.06	0.3	0.01	3.7	0.1	<0.05	6	<0.5	<0.2
REP 1114521	QC	12	33	0.56	155	0.080	<1	2.17	0.013	0.06	0.2	0.02	3.9	0.1	<0.05	6	<0.5	<0.2
1114503	Soil	12	28	0.46	156	0.082	2	1.81	0.012	0.08	0.1	0.05	3.4	0.3	<0.05	6	<0.5	<0.2
REP 1114503	QC	12	27	0.45	154	0.075	2	1.75	0.012	0.07	0.1	0.05	3.2	0.3	<0.05	5	<0.5	<0.2
1116924	Soil	11	24	0.37	179	0.068	1	1.28	0.013	0.09	0.2	0.07	2.5	0.1	0.07	5	<0.5	<0.2
REP 1116924	QC	10	23	0.37	171	0.069	2	1.27	0.015	0.09	0.2	0.07	2.7	0.1	0.07	5	0.8	<0.2
1113009	Soil	11	27	0.40	173	0.082	<1	1.63	0.017	0.12	0.1	0.05	3.3	0.2	0.07	5	<0.5	<0.2
REP 1113009	QC	11	25	0.38	170	0.073	<1	1.52	0.012	0.12	0.1	0.06	3.2	0.2	0.09	5	<0.5	<0.2
1113018	Soil	14	24	0.48	106	0.113	2	1.59	0.013	0.11	0.1	0.04	2.9	0.3	<0.05	6	<0.5	<0.2
REP 1113018	QC	14	24	0.48	107	0.114	2	1.61	0.014	0.11	0.2	0.04	2.9	0.3	<0.05	6	<0.5	<0.2
1115501	Soil	28	57	1.02	398	0.081	1	2.39	0.016	0.11	0.1	0.04	7.2	0.1	<0.05	6	<0.5	<0.2
REP 1115501	QC	28	57	0.99	381	0.079	2	2.34	0.015	0.10	0.1	0.03	6.8	0.1	<0.05	6	<0.5	<0.2
1115527	Soil	33	40	0.69	222	0.149	<1	2.51	0.020	0.22	0.2	0.03	6.2	0.2	<0.05	8	<0.5	<0.2
REP 1115527	QC	31	38	0.68	207	0.137	<1	2.32	0.018	0.22	0.2	0.02	6.0	0.2	<0.05	8	<0.5	<0.2
1114548	Soil	18	34	0.53	192	0.099	1	2.08	0.013	0.16	2.0	0.02	4.3	0.4	<0.05	7	<0.5	<0.2
REP 1114548	QC	18	35	0.56	195	0.098	2	2.15	0.014	0.16	2.0	0.03	4.3	0.4	<0.05	7	<0.5	<0.2
1114557	Soil	23	38	0.64	200	0.135	2	1.95	0.011	0.13	0.3	0.03	4.7	0.2	<0.05	7	<0.5	<0.2
REP 1114557	QC	23	40	0.64	197	0.142	2	1.97	0.012	0.14	0.3	0.03	4.9	0.3	<0.05	6	<0.5	<0.2
1116972	Soil	78	7	0.71	157	0.047	1	0.98	0.008	0.25	<0.1	0.11	1.1	0.2	0.06	3	<0.5	<0.2
REP 1116972	QC	76	7	0.68	153	0.046	1	0.93	0.008	0.25	<0.1	0.11	1.1	0.2	0.06	2	<0.5	<0.2

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

Project: ECH
Report Date: August 12, 2011

QUALITY CONTROL REPORT DAW11000085.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1116977	Soil	4.4	45.1	213.8	55	0.2	3.6	1.0	78	1.31	3.2	2.5	3.6	28.6	10	<0.1	0.2	0.9	10	0.04	0.014
REP 1116977	QC	4.7	48.6	217.7	55	0.2	3.7	1.1	83	1.39	3.6	2.7	2.9	30.1	11	<0.1	0.2	1.0	10	0.04	0.015
1117325	Soil	1.0	16.9	14.9	49	0.1	15.3	6.3	215	2.37	6.4	4.3	3.8	3.8	25	0.1	0.2	0.4	57	0.29	0.020
REP 1117325	QC	0.9	17.4	15.0	49	<0.1	14.8	6.5	216	2.40	6.5	4.3	5.9	3.7	26	0.1	0.2	0.4	56	0.30	0.022
1117331	Soil	1.6	17.5	12.7	69	0.1	19.0	7.3	395	2.77	9.6	4.7	<0.5	3.8	47	0.2	0.4	0.4	73	0.47	0.043
REP 1117331	QC	1.3	16.3	12.6	65	0.1	17.6	7.1	369	2.62	9.4	4.5	2.5	3.7	45	0.2	0.3	0.4	70	0.47	0.041
1116875	Soil	0.6	14.3	9.3	56	<0.1	20.0	11.0	383	2.62	6.4	2.3	0.8	5.6	21	0.2	0.3	0.2	59	0.28	0.051
REP 1116875	QC	0.7	15.1	9.5	58	<0.1	19.5	11.0	376	2.64	6.0	2.3	2.2	5.5	21	0.2	0.3	0.2	58	0.28	0.051
Reference Materials																					
STD DS8	Standard	14.3	112.6	122.3	316	1.8	39.2	7.6	630	2.49	27.9	2.6	114.3	7.3	69	2.5	5.8	6.6	43	0.70	0.083
STD DS8	Standard	13.4	115.3	119.5	316	1.9	38.3	7.7	634	2.50	27.4	2.7	105.9	6.3	69	2.4	5.1	6.1	45	0.69	0.080
STD DS8	Standard	13.6	111.1	127.8	318	2.0	37.7	7.7	624	2.52	27.2	2.8	113.4	6.8	69	2.3	4.9	6.6	44	0.72	0.082
STD DS8	Standard	13.2	111.2	118.6	308	1.7	38.8	7.7	605	2.38	26.5	2.8	107.5	6.8	66	2.3	5.5	6.5	43	0.69	0.077
STD DS8	Standard	13.9	112.1	127.9	334	1.9	40.2	8.0	667	2.63	28.5	2.8	125.7	7.2	69	2.3	5.7	5.9	42	0.73	0.084
STD DS8	Standard	13.1	120.5	127.8	335	1.9	40.9	8.2	637	2.57	28.1	2.9	115.4	7.2	72	2.5	6.5	7.2	45	0.71	0.084
STD DS8	Standard	12.4	104.8	118.1	307	1.8	37.0	7.3	589	2.35	25.0	2.6	103.8	6.3	62	2.3	5.4	6.5	40	0.64	0.070
STD DS8	Standard	12.3	108.1	112.7	283	1.5	36.9	7.2	560	2.24	23.6	2.5	105.1	6.3	62	2.0	5.4	6.0	41	0.63	0.073
STD DS8	Standard	13.1	111.7	121.8	321	1.7	37.5	7.4	602	2.39	26.7	2.8	104.0	6.6	69	2.2	5.9	6.8	41	0.67	0.079
STD DS8	Standard	14.0	113.9	131.1	320	1.8	39.1	7.9	631	2.53	26.6	2.8	106.3	7.6	69	2.3	5.5	6.5	45	0.74	0.079
STD DS8	Standard	12.6	102.1	125.2	320	0.9	36.9	7.2	599	2.45	25.5	2.8	123.9	6.8	67	2.2	5.7	6.4	43	0.69	0.083
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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

Project: ECH
Report Date: August 12, 2011

QUALITY CONTROL REPORT DAW11000085.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1116977	Soil	61	7	0.23	126	0.015	<1	0.55	0.005	0.17	<0.1	0.02	0.7	0.1	0.08	2	<0.5	<0.2
REP 1116977	QC	66	8	0.24	132	0.016	<1	0.60	0.005	0.18	<0.1	0.02	0.7	0.1	0.09	2	<0.5	<0.2
1117325	Soil	12	27	0.40	192	0.083	1	2.03	0.016	0.11	0.2	0.05	2.9	0.2	<0.05	7	<0.5	<0.2
REP 1117325	QC	12	28	0.42	192	0.085	<1	2.09	0.016	0.11	0.1	0.05	3.1	0.2	<0.05	7	0.6	<0.2
1117331	Soil	12	30	0.46	202	0.095	2	1.76	0.013	0.11	0.3	0.02	3.0	0.1	<0.05	8	<0.5	<0.2
REP 1117331	QC	12	29	0.46	189	0.101	2	1.82	0.012	0.11	0.2	0.02	3.2	0.1	<0.05	7	<0.5	<0.2
1116875	Soil	12	32	0.58	153	0.114	2	1.91	0.012	0.11	0.2	0.01	3.4	0.2	<0.05	5	<0.5	<0.2
REP 1116875	QC	12	32	0.58	155	0.113	1	1.89	0.012	0.11	0.3	0.02	3.6	0.2	<0.05	6	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	16	118	0.62	298	0.120	3	0.96	0.102	0.43	3.1	0.21	2.8	5.5	0.19	5	4.9	4.9
STD DS8	Standard	14	121	0.59	285	0.116	3	0.93	0.117	0.45	2.8	0.18	2.9	5.4	0.13	5	4.7	5.6
STD DS8	Standard	14	120	0.64	296	0.111	3	1.05	0.146	0.46	3.0	0.21	2.8	5.5	0.17	5	5.7	5.1
STD DS8	Standard	15	118	0.60	269	0.111	2	0.90	0.090	0.42	2.6	0.20	1.9	5.3	0.16	5	6.0	5.0
STD DS8	Standard	16	115	0.67	304	0.114	2	0.98	0.097	0.45	3.0	0.22	2.2	5.6	0.21	5	5.6	4.9
STD DS8	Standard	15	126	0.63	279	0.133	4	0.91	0.092	0.43	2.9	0.20	2.2	5.7	0.16	5	5.5	5.4
STD DS8	Standard	14	112	0.59	256	0.110	2	0.86	0.087	0.39	2.8	0.18	2.2	5.0	0.11	5	4.6	4.6
STD DS8	Standard	14	112	0.56	257	0.125	2	0.84	0.091	0.38	2.7	0.18	2.1	4.7	0.14	4	4.5	4.4
STD DS8	Standard	14	116	0.60	273	0.129	2	0.89	0.096	0.41	2.8	0.19	2.1	5.3	0.18	5	4.6	5.0
STD DS8	Standard	15	123	0.62	276	0.126	<1	0.92	0.091	0.42	2.9	0.21	2.4	5.2	0.17	5	4.8	5.0
STD DS8	Standard	15	118	0.66	294	0.117	2	0.94	0.103	0.45	3.1	0.23	2.3	5.2	0.17	5	5.1	4.6
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

Project: ECH
Report Date: August 12, 2011

QUALITY CONTROL REPORT DAW11000085.1

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

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Project: ECH
Report Date: August 12, 2011

QUALITY CONTROL REPORT DAW11000085.1

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

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

www.acmelab.com

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

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: July 24, 2011
Report Date: August 10, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS DAW11000086.1

CLIENT JOB INFORMATION

Project: ECH
Shipment ID: ECH2011-12
P.O. Number
Number of Samples: 313

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	313	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	313	Dry at 60C			WHI
1DX2	312	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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

Project: ECH
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS DAW11000086.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1117008	Soil	1.0	24.3	11.8	75	<0.1	24.3	12.5	496	3.69	9.1	1.7	9.7	5.9	21	<0.1	0.4	0.7	69	0.30	0.073
1117019	Soil	0.3	104.2	9.1	77	<0.1	25.1	35.4	942	6.51	2.7	0.8	3.2	6.9	28	<0.1	<0.1	0.3	143	0.69	0.200
1117016	Soil	0.7	25.5	13.1	58	<0.1	26.1	14.6	523	3.42	9.4	1.0	2.6	5.7	18	0.1	0.5	0.3	70	0.22	0.058
1117020	Soil	0.5	20.9	7.8	79	<0.1	46.2	36.0	1172	6.24	2.7	0.7	2.5	2.6	27	<0.1	<0.1	0.3	150	0.63	0.135
1117018	Soil	0.9	26.5	11.7	66	<0.1	26.2	13.0	430	3.82	9.6	1.6	4.0	5.9	21	<0.1	0.5	0.3	72	0.29	0.074
1117017	Soil	0.6	19.0	12.1	51	<0.1	19.2	9.6	259	3.13	6.9	1.1	4.0	3.7	17	<0.1	0.4	0.3	68	0.21	0.059
1117028	Soil	0.9	19.8	9.2	65	<0.1	25.9	13.5	444	3.80	8.0	1.2	1.5	7.1	19	0.2	0.4	0.2	75	0.25	0.068
1117027	Soil	0.9	22.8	8.9	67	<0.1	24.2	12.9	469	3.74	7.9	1.5	3.1	8.6	17	<0.1	0.4	0.3	67	0.25	0.060
1117025	Soil	0.7	25.7	13.5	98	<0.1	26.4	15.5	561	4.38	4.4	1.6	2.7	7.1	14	<0.1	0.2	0.5	83	0.26	0.054
1117026	Soil	1.1	21.2	11.9	73	<0.1	20.0	11.3	557	3.55	5.0	2.7	2.2	11.2	18	0.1	0.4	0.5	55	0.24	0.070
1117030	Soil	0.9	25.7	10.4	64	<0.1	26.2	12.2	384	3.82	8.7	1.2	3.8	5.7	20	<0.1	0.4	0.2	80	0.29	0.067
1117029	Soil	0.9	21.6	9.1	63	<0.1	27.7	15.8	550	4.09	8.2	0.9	3.8	7.6	19	<0.1	0.3	0.2	77	0.30	0.090
1117005	Soil	0.8	16.6	10.5	72	<0.1	21.1	11.2	289	3.66	5.4	1.2	0.8	3.4	15	<0.1	0.3	0.4	82	0.27	0.073
1117006	Soil	0.9	21.9	11.1	71	<0.1	24.2	13.9	470	4.03	7.0	1.5	5.5	6.2	19	0.1	0.3	0.3	78	0.32	0.072
1117007	Soil	0.9	20.7	11.2	72	<0.1	22.9	11.8	380	3.71	7.0	1.5	5.0	5.2	18	<0.1	0.4	0.4	70	0.29	0.073
1117031	Soil	0.9	25.3	9.9	61	<0.1	26.6	12.9	372	3.79	8.8	1.1	2.4	5.3	20	0.1	0.4	0.2	79	0.30	0.072
1117003	Soil	0.9	16.8	11.0	78	<0.1	30.9	16.3	456	4.61	4.6	0.9	1.3	5.7	16	0.2	0.3	0.3	86	0.33	0.083
1117034	Soil	1.0	23.4	6.9	70	<0.1	21.6	15.3	687	4.79	4.7	1.8	2.6	9.2	28	<0.1	0.3	0.3	75	0.70	0.202
1117001	Soil	0.7	26.9	15.4	73	<0.1	29.9	17.2	464	4.29	4.9	1.6	1.5	5.8	19	0.1	0.3	0.2	86	0.38	0.097
1117002	Soil	0.8	24.8	12.8	76	<0.1	27.1	15.3	418	4.21	7.8	1.1	4.2	5.8	19	0.2	0.4	0.4	83	0.32	0.071
1117010	Soil	0.9	24.1	13.3	73	<0.1	25.2	14.8	593	4.56	8.3	1.6	7.1	6.1	20	0.2	0.4	0.4	88	0.33	0.078
1117022	Soil	0.9	51.9	14.0	65	<0.1	36.0	17.4	546	4.55	3.8	1.0	<0.5	14.9	8	<0.1	0.2	0.5	73	0.18	0.079
1117021	Soil	1.2	21.1	14.2	53	<0.1	17.0	8.8	248	3.71	8.8	1.1	2.2	7.7	14	<0.1	0.5	0.3	68	0.16	0.051
1117004	Soil	0.9	26.7	12.9	84	<0.1	30.4	15.2	532	4.75	7.3	1.9	2.3	6.6	18	0.2	0.4	0.4	92	0.27	0.070
1117012	Soil	0.9	22.3	25.4	173	<0.1	22.4	18.7	1019	4.72	5.3	3.0	2.3	11.2	18	0.6	1.3	0.3	72	0.38	0.128
1117011	Soil	0.8	20.1	12.6	84	<0.1	23.8	13.2	500	3.83	6.6	1.4	<0.5	7.2	21	0.1	0.5	0.3	69	0.32	0.074
1117024	Soil	0.7	24.1	14.2	95	<0.1	28.4	13.9	557	3.69	4.3	1.9	2.9	9.9	16	0.1	0.4	0.3	71	0.24	0.053
1117023	Soil	1.0	19.1	11.6	77	<0.1	20.4	9.9	418	3.58	7.9	1.2	<0.5	9.2	16	0.1	0.4	0.2	65	0.21	0.047
1117015	Soil	0.7	18.4	11.4	64	<0.1	22.1	11.8	401	3.74	5.8	1.1	1.3	5.1	18	0.2	0.3	0.4	72	0.26	0.065
1117013	Soil	0.8	17.0	12.9	66	<0.1	19.1	9.5	296	3.44	6.6	1.2	<0.5	3.3	25	<0.1	0.5	0.2	74	0.34	0.061

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

Project: ECH
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS DAW11000086.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1117008	Soil		18	40	0.72	202	0.115	3	2.30	0.011	0.20	0.1	0.01	5.4	0.3	<0.05	8	0.8	<0.2
1117019	Soil		14	23	2.22	245	0.262	2	3.46	0.019	0.90	0.1	<0.01	8.6	0.7	<0.05	14	<0.5	<0.2
1117016	Soil		17	40	0.68	196	0.091	1	2.44	0.013	0.14	0.2	0.03	4.5	0.3	<0.05	7	<0.5	<0.2
1117020	Soil		10	114	2.62	369	0.226	2	3.03	0.019	0.86	<0.1	<0.01	10.9	0.5	<0.05	13	<0.5	<0.2
1117018	Soil		20	44	0.74	212	0.107	<1	2.65	0.015	0.19	0.2	0.04	5.7	0.3	<0.05	8	<0.5	<0.2
1117017	Soil		20	39	0.60	163	0.078	2	2.31	0.009	0.11	0.2	0.04	4.0	0.3	<0.05	8	<0.5	<0.2
1117028	Soil		23	41	0.85	249	0.142	2	2.33	0.011	0.29	0.1	0.02	5.3	0.3	<0.05	8	<0.5	<0.2
1117027	Soil		29	36	0.76	226	0.138	1	2.22	0.011	0.29	0.1	0.03	5.0	0.3	<0.05	8	<0.5	<0.2
1117025	Soil		25	50	1.05	205	0.187	1	2.53	0.013	0.45	<0.1	0.01	5.0	0.5	<0.05	10	0.6	<0.2
1117026	Soil		44	28	0.59	178	0.116	<1	1.68	0.011	0.31	0.2	0.02	4.6	0.4	<0.05	6	0.6	<0.2
1117030	Soil		21	41	0.83	267	0.126	1	2.43	0.012	0.18	0.1	0.02	5.1	0.2	<0.05	8	<0.5	<0.2
1117029	Soil		27	45	1.01	279	0.149	1	2.60	0.012	0.33	0.1	0.03	5.2	0.3	<0.05	8	1.0	<0.2
1117005	Soil		17	42	0.84	128	0.153	2	2.31	0.012	0.38	0.2	0.04	4.3	0.6	<0.05	9	<0.5	<0.2
1117006	Soil		22	44	0.81	186	0.150	2	2.39	0.014	0.29	0.2	<0.01	5.2	0.4	<0.05	8	1.2	<0.2
1117007	Soil		19	40	0.77	171	0.129	2	2.35	0.012	0.21	0.1	0.04	5.0	0.4	<0.05	8	1.0	<0.2
1117031	Soil		21	43	0.86	263	0.131	1	2.36	0.013	0.19	0.2	0.02	5.3	0.3	<0.05	8	<0.5	0.2
1117003	Soil		18	60	1.08	155	0.201	3	2.71	0.014	0.52	0.2	0.03	5.7	0.6	<0.05	10	<0.5	<0.2
1117034	Soil		36	31	0.94	262	0.138	<1	2.12	0.022	0.47	0.2	<0.01	6.7	0.5	<0.05	8	<0.5	<0.2
1117001	Soil		26	57	1.09	215	0.206	3	2.56	0.014	0.51	0.1	0.02	7.0	0.5	<0.05	8	<0.5	<0.2
1117002	Soil		20	49	0.91	182	0.155	2	2.85	0.014	0.34	0.2	0.03	5.3	0.5	<0.05	9	<0.5	<0.2
1117010	Soil		21	44	0.81	200	0.146	3	2.49	0.016	0.25	0.1	0.04	5.9	0.4	<0.05	10	<0.5	<0.2
1117022	Soil		38	71	1.42	160	0.112	2	3.14	0.006	0.30	<0.1	0.04	9.1	0.3	<0.05	16	<0.5	<0.2
1117021	Soil		19	32	0.53	114	0.087	1	2.45	0.010	0.11	0.1	0.04	4.0	0.2	<0.05	7	0.5	<0.2
1117004	Soil		25	55	0.89	172	0.167	2	2.77	0.011	0.37	0.1	0.03	5.7	0.6	<0.05	10	<0.5	<0.2
1117012	Soil		30	35	0.58	170	0.080	2	1.72	0.009	0.28	<0.1	0.03	7.2	0.7	<0.05	7	0.7	<0.2
1117011	Soil		26	38	0.76	186	0.112	2	2.27	0.012	0.25	<0.1	0.02	5.1	0.4	<0.05	8	<0.5	<0.2
1117024	Soil		33	46	1.05	210	0.162	<1	2.43	0.013	0.40	0.1	0.02	4.9	0.5	<0.05	9	<0.5	<0.2
1117023	Soil		24	33	0.69	149	0.125	2	2.35	0.011	0.21	0.1	0.03	3.8	0.3	<0.05	8	<0.5	0.2
1117015	Soil		18	45	0.77	165	0.115	3	2.32	0.012	0.22	0.1	0.04	4.7	0.3	<0.05	9	0.6	0.2
1117013	Soil		17	38	0.61	169	0.075	<1	2.20	0.011	0.14	0.1	0.04	4.9	0.4	<0.05	8	<0.5	<0.2

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Project: ECH
Report Date: August 10, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1117014	Soil	0.5	28.0	8.4	65	<0.1	33.1	19.2	597	4.28	3.0	0.8	2.1	6.8	20	0.2	0.2	0.2	83	0.48	0.097
1117009	Soil	0.7	21.7	11.0	68	<0.1	21.8	10.8	327	3.59	6.4	1.4	1.7	5.7	20	0.1	0.3	0.4	69	0.28	0.064
1117032	Soil	0.6	25.8	9.1	56	<0.1	26.2	12.7	355	3.38	7.3	0.9	1.2	7.4	26	0.1	0.4	0.2	70	0.35	0.060
1117033	Soil	0.7	26.3	8.9	61	<0.1	25.2	12.9	346	3.60	7.7	1.0	3.3	7.7	26	0.2	0.3	0.2	72	0.36	0.061
1115460	Soil	0.5	34.5	5.5	82	<0.1	22.3	18.0	778	5.43	2.0	1.7	<0.5	19.6	16	<0.1	<0.1	0.2	109	0.71	0.175
1115459	Soil	0.7	20.1	8.3	55	<0.1	24.8	11.7	424	3.57	7.2	1.2	0.6	12.8	23	0.1	0.4	0.1	71	0.33	0.040
1115452	Soil	1.3	17.5	8.8	42	<0.1	22.3	11.8	311	3.81	5.2	0.6	0.8	7.3	8	<0.1	0.3	0.2	81	0.13	0.037
1115453	Soil	1.1	27.4	7.6	55	<0.1	46.9	20.8	500	5.32	3.3	0.9	0.8	8.4	17	<0.1	0.2	0.2	94	0.25	0.042
1115469	Soil	0.9	33.1	14.6	59	0.1	26.0	10.4	276	3.01	8.3	1.5	5.5	6.4	35	0.2	0.6	0.2	62	0.50	0.050
1115466	Soil	0.8	43.7	11.1	113	<0.1	56.6	27.3	747	5.83	2.9	2.5	<0.5	9.9	32	<0.1	0.2	0.1	124	0.77	0.122
1115451	Soil	1.3	23.5	11.2	52	<0.1	25.1	12.0	276	3.55	6.8	1.3	11.0	29.8	14	0.1	0.4	0.3	59	0.14	0.022
1115454	Soil	0.7	20.1	6.6	52	<0.1	50.9	21.3	581	5.04	3.7	0.8	3.1	8.3	16	0.1	0.2	0.2	92	0.43	0.089
1115457	Soil	0.6	35.3	4.6	69	<0.1	27.2	19.6	463	5.93	2.4	0.6	<0.5	4.9	15	0.1	0.2	<0.1	124	0.75	0.186
1115455	Soil	0.9	24.4	8.3	59	0.1	33.2	19.4	829	4.59	3.7	1.9	0.7	6.2	28	0.1	0.4	0.2	65	1.08	0.106
1115468	Soil	2.4	31.1	14.9	76	<0.1	28.3	14.5	452	4.71	5.3	2.8	1.4	21.6	30	0.2	0.4	0.2	93	0.50	0.079
1115458	Soil	0.9	11.9	6.3	65	<0.1	26.7	13.0	389	5.07	4.4	0.9	<0.5	12.2	9	0.1	0.3	0.2	95	0.16	0.047
1115471	Soil	0.7	23.4	12.7	53	<0.1	18.3	7.7	164	2.86	7.1	1.1	2.4	5.4	29	0.2	0.4	0.2	56	0.38	0.047
1115462	Soil	0.6	25.1	7.3	61	<0.1	24.2	12.8	343	4.08	4.6	0.9	0.9	8.5	19	<0.1	0.3	0.1	82	0.47	0.100
1115467	Soil	1.1	28.7	11.6	64	<0.1	24.7	12.8	271	3.98	6.5	1.4	5.8	7.2	30	0.1	0.4	0.2	81	0.54	0.106
1115456	Soil	0.7	19.3	7.0	60	<0.1	33.5	14.8	391	4.19	3.6	1.2	0.7	7.6	19	<0.1	0.3	0.1	74	0.52	0.080
1115461	Soil	0.8	28.2	7.5	70	<0.1	31.3	13.3	381	4.20	3.8	1.5	<0.5	8.9	22	<0.1	0.3	0.2	90	0.37	0.067
1115470	Soil	0.9	20.0	15.1	53	<0.1	18.1	7.4	163	2.86	7.5	0.8	4.2	4.9	28	0.1	0.4	0.2	60	0.36	0.042
1115464	Soil	0.9	21.1	9.6	65	0.1	36.2	15.6	325	4.14	4.1	1.5	1.2	8.1	20	<0.1	0.3	0.2	82	0.33	0.085
1115472	Soil	0.8	21.6	10.6	52	0.1	17.9	7.1	148	2.65	7.1	1.8	2.0	3.0	28	0.2	0.5	0.2	53	0.35	0.062
1115473	Soil	0.8	25.1	11.2	63	<0.1	20.4	9.5	227	2.88	8.4	1.0	2.5	4.0	31	0.1	0.5	0.2	57	0.41	0.061
1115463	Soil	0.3	15.6	5.8	50	<0.1	45.4	20.0	512	4.82	2.5	0.9	<0.5	9.9	25	<0.1	0.1	<0.1	101	0.56	0.114
1115465	Soil	0.4	42.6	5.6	61	<0.1	22.5	16.4	360	4.18	3.1	1.1	1.0	2.6	26	0.1	0.3	<0.1	86	0.96	0.204
1115474	Soil	0.9	28.1	15.4	61	0.1	23.4	8.8	225	3.03	8.0	1.3	1.0	6.1	32	0.1	0.5	0.3	58	0.39	0.042
1113109	Soil	0.8	21.1	14.6	86	<0.1	23.8	13.8	620	3.85	5.0	1.2	1.2	6.8	22	0.2	0.3	0.3	72	0.41	0.086
1113111	Soil	0.9	20.6	11.2	69	<0.1	21.5	11.0	435	3.25	5.8	1.5	1.5	7.6	22	0.1	0.3	0.3	59	0.40	0.099

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

Project: ECH
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS DAW11000086.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1117014	Soil		17	75	1.30	185	0.171	2	2.53	0.017	0.39	0.2	<0.01	5.3	0.4	<0.05	9	<0.5	<0.2
1117009	Soil		20	38	0.72	166	0.115	<1	2.29	0.011	0.18	0.2	0.03	5.1	0.3	<0.05	8	0.7	0.2
1117032	Soil		22	39	0.82	227	0.128	1	2.24	0.015	0.15	0.1	<0.01	4.7	0.2	<0.05	7	<0.5	<0.2
1117033	Soil		21	40	0.84	199	0.133	2	2.57	0.014	0.16	0.2	0.03	4.6	0.3	<0.05	8	0.6	<0.2
1115460	Soil		71	46	1.21	274	0.130	<1	2.36	0.037	0.54	0.8	0.01	8.0	0.2	<0.05	14	0.9	<0.2
1115459	Soil		34	40	0.73	229	0.097	<1	1.95	0.015	0.12	0.2	0.02	5.2	0.1	<0.05	8	1.3	<0.2
1115452	Soil		14	38	0.79	110	0.084	1	2.17	0.019	0.11	0.4	<0.01	4.5	<0.1	<0.05	10	<0.5	<0.2
1115453	Soil		45	103	1.41	192	0.087	<1	3.16	0.013	0.12	0.2	0.02	7.4	0.2	<0.05	11	0.8	<0.2
1115469	Soil		16	34	0.54	306	0.097	1	1.82	0.030	0.09	0.1	0.04	4.5	<0.1	<0.05	5	0.6	<0.2
1115466	Soil		25	101	1.84	383	0.203	<1	3.19	0.025	0.81	0.2	0.02	9.1	0.4	<0.05	12	0.5	<0.2
1115451	Soil		84	40	0.63	232	0.051	<1	2.51	0.021	0.11	0.2	0.03	5.1	0.2	<0.05	9	0.9	<0.2
1115454	Soil		29	101	1.70	276	0.057	<1	2.82	0.012	0.12	0.2	0.01	9.5	0.1	<0.05	11	0.7	<0.2
1115457	Soil		20	60	1.21	209	0.095	<1	2.55	0.037	0.19	0.2	<0.01	8.2	<0.1	<0.05	13	0.9	<0.2
1115455	Soil		30	41	0.49	483	0.018	<1	1.65	0.012	0.12	0.3	0.06	8.4	0.1	<0.05	6	1.2	<0.2
1115468	Soil		33	47	1.02	346	0.148	<1	2.46	0.021	0.55	0.3	0.02	7.4	0.2	<0.05	14	0.9	<0.2
1115458	Soil		17	52	1.37	146	0.188	<1	2.75	0.011	0.34	0.4	0.01	5.8	0.2	<0.05	14	<0.5	<0.2
1115471	Soil		16	30	0.48	221	0.096	2	1.91	0.018	0.09	0.2	0.03	3.8	<0.1	<0.05	6	<0.5	<0.2
1115462	Soil		22	46	0.98	234	0.143	1	2.19	0.020	0.40	0.4	0.01	5.4	0.2	<0.05	9	<0.5	<0.2
1115467	Soil		18	38	0.82	280	0.145	<1	2.14	0.027	0.31	0.2	0.03	6.1	0.1	<0.05	9	0.9	<0.2
1115456	Soil		26	55	1.16	306	0.123	<1	2.02	0.015	0.26	0.2	0.01	6.9	0.1	<0.05	7	<0.5	<0.2
1115461	Soil		39	59	0.80	260	0.080	<1	2.00	0.015	0.17	0.4	0.02	7.5	0.1	<0.05	9	1.3	<0.2
1115470	Soil		14	30	0.46	208	0.095	2	2.05	0.016	0.09	0.2	0.02	3.1	<0.1	<0.05	6	<0.5	<0.2
1115464	Soil		22	66	0.95	232	0.131	1	2.65	0.014	0.31	0.4	0.03	6.0	0.3	<0.05	9	0.7	<0.2
1115472	Soil		14	26	0.44	213	0.067	1	1.78	0.016	0.05	0.2	0.06	3.3	<0.1	<0.05	5	0.7	<0.2
1115473	Soil		14	30	0.47	242	0.090	2	1.96	0.017	0.07	0.1	0.05	3.9	<0.1	<0.05	5	1.0	<0.2
1115463	Soil		23	82	1.79	379	0.202	<1	2.93	0.016	0.82	0.1	<0.01	7.4	0.3	<0.05	10	1.2	<0.2
1115465	Soil		10	27	0.74	237	0.107	<1	1.78	0.047	0.16	0.2	0.01	5.7	<0.1	<0.05	8	1.0	<0.2
1115474	Soil		17	34	0.52	297	0.118	1	2.22	0.019	0.09	0.1	0.04	4.4	0.1	<0.05	6	0.7	<0.2
1113109	Soil		18	40	0.75	196	0.110	<1	2.07	0.015	0.27	0.2	0.03	4.7	0.3	<0.05	8	0.7	<0.2
1113111	Soil		24	33	0.63	183	0.118	1	1.88	0.015	0.21	0.3	0.02	4.6	0.2	<0.05	7	0.8	<0.2

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Project: ECH
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS DAW11000086.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1113101	Soil		0.6	15.7	10.2	56	<0.1	18.2	9.2	245	2.85	4.7	2.0	3.4	4.4	19	<0.1	0.3	0.4	60	0.29	0.078
1113115	Soil		0.6	17.8	15.8	69	<0.1	19.3	9.1	258	3.08	5.5	1.4	1.0	5.8	20	0.2	0.3	0.3	58	0.32	0.074
1113102	Soil		0.7	14.7	10.5	58	<0.1	18.5	10.4	312	3.04	5.7	1.9	9.3	4.1	25	0.2	0.3	0.3	59	0.35	0.079
1113103	Soil		0.7	21.3	9.3	61	<0.1	19.2	9.7	372	3.20	4.6	1.8	1.2	8.1	17	0.2	0.5	0.3	58	0.32	0.091
1113107	Soil		0.6	20.0	11.2	65	0.1	19.9	7.9	293	2.83	5.7	1.6	3.0	3.6	20	0.2	0.4	0.3	52	0.28	0.075
1113110	Soil		0.8	16.7	13.3	61	0.1	17.9	7.7	237	3.07	5.7	1.2	0.7	2.9	23	0.2	0.3	0.4	58	0.29	0.066
1113112	Soil		0.6	15.3	11.1	65	<0.1	18.9	9.5	269	3.03	5.3	1.3	3.4	5.7	19	0.1	0.4	0.3	56	0.32	0.080
1113108	Soil		0.8	19.9	14.7	67	0.2	18.7	10.4	506	2.97	4.0	1.5	<0.5	2.7	19	0.1	0.3	0.4	61	0.24	0.062
1113129	Soil		0.9	16.5	10.1	71	<0.1	18.1	10.7	320	3.57	6.2	1.3	1.9	8.5	16	0.2	0.3	0.4	57	0.34	0.103
1113127	Soil		0.7	14.5	12.6	69	0.1	16.7	9.0	312	3.33	7.1	1.2	0.9	5.0	17	0.1	0.4	0.4	60	0.25	0.077
1113125	Soil		0.7	12.6	9.6	54	0.2	13.7	6.0	173	2.46	4.0	1.3	1.3	3.6	16	<0.1	0.3	0.4	42	0.22	0.074
1113105	Soil		0.7	22.6	9.6	69	<0.1	18.5	10.4	402	3.38	3.1	7.1	1.3	8.9	18	0.2	0.4	0.3	57	0.35	0.109
1113114	Soil		0.6	16.6	14.2	65	<0.1	19.3	8.8	283	2.41	4.3	1.6	3.8	6.1	22	0.2	0.4	0.4	52	0.41	0.078
1113130	Soil		0.7	17.0	12.0	72	0.1	19.2	9.8	294	3.10	8.1	1.6	2.7	6.4	17	0.1	0.5	0.4	65	0.27	0.073
1113123	Soil		0.9	15.4	12.3	59	0.2	16.8	7.0	251	2.73	6.1	1.3	1.8	2.9	19	0.1	0.3	0.5	55	0.25	0.076
1113128	Soil		0.9	14.8	13.3	69	0.1	18.4	10.6	424	3.12	8.1	1.1	3.8	4.4	17	0.1	0.4	0.5	66	0.26	0.082
1113116	Soil		0.6	14.5	12.5	45	0.2	14.2	6.2	166	1.95	3.6	1.3	1.7	1.8	19	0.2	0.3	0.3	38	0.25	0.065
1113126	Soil		0.6	12.3	9.9	57	0.2	13.8	6.7	210	2.41	4.8	1.2	1.5	3.7	16	0.1	0.3	0.4	44	0.25	0.083
1113124	Soil		0.8	15.2	10.1	64	0.1	18.4	8.4	296	2.97	5.9	1.2	3.0	4.5	17	0.1	0.3	0.4	56	0.23	0.073
1113106	Soil		0.7	22.3	9.5	56	<0.1	21.0	9.9	376	2.83	7.3	2.6	2.8	3.4	20	0.1	0.5	0.3	62	0.28	0.067
1113118	Soil		0.8	20.1	16.0	71	0.1	21.0	11.4	342	3.42	6.7	1.6	6.9	6.0	20	0.1	0.4	0.5	72	0.31	0.090
1113113	Soil		0.6	16.2	13.0	70	<0.1	20.2	11.6	383	3.33	5.7	2.2	1.8	7.3	20	0.1	0.3	0.3	68	0.38	0.072
1113117	Soil		0.7	16.9	13.8	68	<0.1	20.4	9.6	329	3.09	6.6	1.1	3.5	5.7	18	0.1	0.4	0.3	61	0.32	0.082
1113119	Soil		0.9	15.3	11.8	59	<0.1	17.6	8.7	267	2.87	5.9	1.3	2.3	4.2	22	0.1	0.3	0.3	62	0.35	0.081
1113121	Soil		0.7	13.9	10.8	58	<0.1	15.8	10.5	448	2.72	6.2	0.9	1.7	5.6	16	0.2	0.4	0.4	55	0.30	0.088
1113120	Soil		1.0	17.9	13.3	60	0.2	16.3	7.5	255	2.87	6.9	1.3	3.6	2.5	17	0.2	0.4	0.5	63	0.22	0.084
1113122	Soil		0.7	16.0	10.6	55	0.1	16.0	6.3	162	2.43	4.1	1.5	3.4	3.5	17	0.1	0.3	0.3	52	0.24	0.065
1113104	Soil		0.7	21.4	8.2	63	<0.1	20.4	11.4	484	2.99	6.1	3.1	1.9	7.6	18	0.2	0.4	0.3	60	0.34	0.095
1113475	Soil		0.5	42.1	9.4	115	<0.1	42.7	25.0	985	7.99	2.4	1.5	<0.5	11.1	28	<0.1	0.1	0.3	120	1.04	0.307
1113461	Soil		0.7	15.3	9.9	44	<0.1	20.2	9.2	239	3.09	9.2	1.0	2.3	5.3	19	0.1	0.5	0.2	74	0.24	0.054

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1113101	Soil	17	31	0.51	189	0.102	2	2.24	0.013	0.09	0.2	0.05	4.1	0.2	<0.05	7	0.8	<0.2
1113115	Soil	17	32	0.61	200	0.101	<1	2.14	0.012	0.12	0.2	0.04	4.4	0.2	<0.05	7	<0.5	<0.2
1113102	Soil	14	31	0.51	201	0.093	2	2.15	0.013	0.09	0.2	0.03	4.1	0.1	<0.05	7	0.7	<0.2
1113103	Soil	19	31	0.55	192	0.134	2	2.11	0.012	0.21	0.2	0.03	4.7	0.3	<0.05	7	0.7	<0.2
1113107	Soil	16	30	0.54	173	0.087	1	1.88	0.014	0.11	0.2	0.03	3.4	0.2	<0.05	6	1.0	<0.2
1113110	Soil	16	31	0.54	190	0.078	2	2.01	0.013	0.13	0.2	0.04	3.7	0.2	<0.05	7	0.6	<0.2
1113112	Soil	17	31	0.60	163	0.105	<1	1.99	0.020	0.13	0.2	0.03	3.5	0.2	<0.05	6	0.9	<0.2
1113108	Soil	21	34	0.53	184	0.064	2	1.99	0.014	0.14	0.1	0.06	4.7	0.3	<0.05	7	1.0	<0.2
1113129	Soil	21	30	0.56	148	0.124	2	1.93	0.012	0.22	0.2	0.02	3.8	0.3	<0.05	7	1.1	<0.2
1113127	Soil	16	31	0.53	174	0.100	1	2.24	0.011	0.14	0.1	0.05	3.5	0.2	<0.05	8	0.8	<0.2
1113125	Soil	14	25	0.41	156	0.077	1	1.78	0.012	0.10	0.2	0.07	3.4	0.2	<0.05	6	<0.5	<0.2
1113105	Soil	21	28	0.55	173	0.121	1	1.88	0.011	0.28	0.2	0.03	5.1	0.3	<0.05	7	0.6	<0.2
1113114	Soil	16	32	0.62	194	0.107	2	1.99	0.011	0.14	0.2	0.03	3.8	0.2	0.06	7	0.6	<0.2
1113130	Soil	20	34	0.56	207	0.093	2	2.31	0.010	0.10	0.2	0.06	4.4	0.3	0.07	7	0.6	<0.2
1113123	Soil	13	30	0.50	184	0.078	2	1.94	0.012	0.12	0.2	0.06	3.2	0.2	0.09	7	0.6	<0.2
1113128	Soil	15	33	0.55	170	0.094	1	2.23	0.014	0.13	0.2	0.04	3.3	0.3	0.12	8	0.6	<0.2
1113116	Soil	13	25	0.44	163	0.057	2	1.63	0.014	0.08	0.1	0.06	3.2	0.2	0.09	6	0.6	<0.2
1113126	Soil	15	25	0.44	152	0.077	1	1.82	0.011	0.10	0.2	0.06	3.0	0.2	0.11	7	<0.5	<0.2
1113124	Soil	14	30	0.53	162	0.089	2	1.95	0.011	0.15	0.2	0.05	3.3	0.2	0.15	7	<0.5	<0.2
1113106	Soil	17	31	0.53	190	0.080	2	1.89	0.010	0.10	0.2	0.03	3.7	0.2	<0.05	6	0.6	<0.2
1113118	Soil	19	37	0.64	216	0.095	2	2.38	0.010	0.14	0.2	0.05	4.6	0.3	<0.05	8	<0.5	<0.2
1113113	Soil	18	36	0.71	175	0.134	1	2.30	0.013	0.18	0.2	0.03	4.3	0.3	0.06	8	<0.5	<0.2
1113117	Soil	16	36	0.69	158	0.102	2	2.26	0.012	0.14	0.2	0.03	3.8	0.2	0.06	7	<0.5	<0.2
1113119	Soil	15	31	0.55	176	0.088	1	2.01	0.011	0.09	0.2	0.05	3.4	0.2	0.08	7	<0.5	<0.2
1113121	Soil	14	27	0.52	127	0.098	1	1.73	0.010	0.13	0.2	0.03	2.9	0.2	<0.05	6	<0.5	<0.2
1113120	Soil	11	31	0.48	148	0.072	1	2.12	0.012	0.11	0.2	0.07	3.3	0.2	0.06	7	<0.5	<0.2
1113122	Soil	16	29	0.48	176	0.082	1	2.04	0.013	0.10	0.2	0.05	3.7	0.2	<0.05	7	0.5	<0.2
1113104	Soil	17	29	0.53	168	0.124	1	1.86	0.011	0.20	0.3	<0.01	3.7	0.2	<0.05	7	0.6	<0.2
1113475	Soil	68	96	1.57	285	0.107	<1	3.43	0.016	0.26	0.1	0.01	12.4	0.2	<0.05	15	0.8	<0.2
1113461	Soil	16	35	0.58	210	0.083	1	2.29	0.013	0.06	0.2	0.03	3.4	0.1	<0.05	7	0.6	<0.2

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600 - 666 Burrard St.
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Project: ECH
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS DAW11000086.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1113472	Soil	0.9	14.8	8.0	49	<0.1	26.1	13.5	516	2.92	2.2	0.5	0.8	5.0	14	<0.1	0.2	0.3	80	0.32	0.067
1113469	Soil	0.8	20.5	9.6	57	<0.1	26.0	12.9	399	3.64	8.2	0.8	4.2	6.5	22	0.1	0.4	0.2	81	0.30	0.047
1113462	Soil	1.7	22.7	12.4	48	0.2	19.4	9.8	283	3.32	9.0	1.5	2.2	8.9	15	0.1	0.6	0.2	73	0.14	0.036
1113465	Soil	0.7	23.3	9.6	22	<0.1	8.0	3.3	90	1.87	3.4	2.3	1.9	0.9	15	0.1	0.2	0.2	42	0.16	0.085
1113470	Soil	0.9	18.3	9.1	61	<0.1	25.0	12.8	411	4.19	9.5	0.5	1.2	4.4	15	0.1	0.5	0.2	82	0.22	0.071
1113466	Soil	0.5	52.5	9.0	77	<0.1	36.1	22.7	883	5.65	2.2	1.5	1.0	18.2	14	<0.1	0.1	0.3	116	0.72	0.220
1113464	Soil	0.6	23.6	8.1	54	<0.1	31.0	18.8	433	4.25	3.9	1.3	0.9	9.9	17	0.1	0.2	0.1	96	0.48	0.088
1113460	Soil	0.9	28.3	10.1	50	<0.1	26.7	11.8	332	3.10	9.5	1.1	1.6	12.2	24	<0.1	0.6	0.2	76	0.21	0.024
1113463	Soil	0.8	15.2	8.7	47	<0.1	18.6	10.9	563	2.72	5.2	0.9	0.8	10.0	15	0.1	0.3	0.2	73	0.23	0.041
1113467	Soil	1.1	13.2	9.6	46	<0.1	32.3	11.6	305	3.07	7.4	0.5	0.7	2.3	12	<0.1	0.4	0.5	115	0.19	0.041
1113468	Soil	1.1	25.4	9.2	67	<0.1	20.5	15.8	618	4.67	6.3	0.6	0.7	5.5	12	0.2	0.4	0.3	118	0.26	0.092
1113477	Soil	1.7	16.3	13.6	60	<0.1	15.9	12.0	754	3.66	3.4	1.6	1.0	10.3	10	<0.1	0.2	0.5	61	0.12	0.081
1113482	Soil	1.1	19.7	11.4	55	<0.1	24.3	12.3	359	4.32	7.0	0.6	1.0	4.9	16	0.1	0.5	0.2	97	0.29	0.077
1113481	Soil	1.2	13.1	11.6	38	<0.1	15.1	6.7	206	3.31	9.2	0.5	1.7	3.6	12	0.1	0.5	0.2	93	0.16	0.034
1113479	Soil	0.6	35.3	7.9	70	<0.1	32.0	19.2	752	5.03	4.9	1.2	2.3	5.8	27	<0.1	0.3	0.6	118	0.73	0.161
1113480	Soil	0.9	61.1	9.9	78	<0.1	32.9	20.5	687	4.53	5.0	1.2	3.1	9.2	37	0.1	0.3	0.5	95	0.80	0.088
1113478	Soil	1.0	24.3	17.8	114	<0.1	72.7	32.8	1350	7.15	1.2	2.0	1.1	9.6	12	0.1	0.1	0.9	102	0.49	0.126
1113474	Soil	0.5	43.9	8.3	122	<0.1	38.8	23.9	1054	7.94	1.9	1.6	0.7	10.6	30	<0.1	0.1	0.3	105	1.23	0.373
1113476	Soil	1.2	22.0	10.9	65	<0.1	55.0	21.2	544	5.20	5.8	1.0	7.3	7.4	14	<0.1	0.3	0.3	102	0.15	0.055
1113483	Soil	0.7	26.1	10.6	62	<0.1	25.6	13.4	481	3.37	5.8	1.0	4.0	5.1	20	0.2	0.3	0.2	70	0.32	0.094
1113473	Soil	0.6	8.3	5.8	22	<0.1	7.3	4.1	118	1.39	2.6	0.5	2.6	3.0	9	<0.1	0.1	0.1	36	0.09	0.017
1113471	Soil	0.9	24.3	11.9	78	<0.1	34.3	21.4	990	6.34	5.4	0.6	2.8	9.0	11	<0.1	0.3	0.2	135	0.32	0.163
1114228	Soil	1.1	17.2	8.0	64	<0.1	21.1	11.6	423	3.22	5.6	1.0	4.1	10.1	20	0.1	0.3	0.2	70	0.35	0.059
1113452	Soil	1.0	54.7	9.0	49	<0.1	23.6	11.0	434	3.05	3.9	1.6	2.7	7.5	16	0.1	0.2	0.4	85	0.25	0.046
1113459	Soil	1.1	45.8	11.7	75	<0.1	27.6	14.0	372	4.33	8.5	1.2	2.7	8.5	11	0.2	0.5	0.2	99	0.19	0.047
1113455	Soil	1.0	12.4	10.2	33	<0.1	13.2	6.4	197	3.10	4.9	0.4	1.4	3.2	8	<0.1	0.4	0.4	104	0.12	0.036
1114227	Soil	1.3	19.2	9.4	83	<0.1	24.4	15.6	706	3.54	5.3	1.4	4.9	11.4	19	0.2	0.5	0.3	72	0.37	0.077
1114223	Soil	0.9	21.8	7.2	58	<0.1	33.8	19.0	523	4.89	5.5	0.9	2.5	9.0	14	<0.1	0.2	0.2	103	0.27	0.062
1114226	Soil	1.0	9.0	7.2	29	<0.1	10.0	5.3	232	1.98	3.2	0.5	0.5	4.0	11	<0.1	0.2	0.2	53	0.12	0.025
1113451	Soil	1.0	15.8	11.5	45	<0.1	16.0	8.9	273	3.26	7.8	1.0	5.1	8.8	14	<0.1	0.4	0.2	78	0.13	0.038

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Project: ECH
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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1113472	Soil		11	57	1.20	79	0.122	<1	1.93	0.016	0.10	0.1	0.01	3.5	<0.1	<0.05	10	<0.5	<0.2
1113469	Soil		19	39	0.83	195	0.107	2	2.42	0.015	0.08	0.1	0.03	3.8	0.1	<0.05	9	<0.5	<0.2
1113462	Soil		18	39	0.49	179	0.081	2	2.58	0.020	0.07	0.1	0.04	5.2	0.1	<0.05	7	<0.5	<0.2
1113465	Soil		26	27	0.23	118	0.032	1	1.53	0.015	0.05	0.1	0.06	1.2	0.1	<0.05	6	0.5	<0.2
1113470	Soil		10	41	0.84	122	0.098	<1	2.54	0.010	0.09	0.1	0.02	3.0	<0.1	<0.05	8	0.6	<0.2
1113466	Soil		25	74	1.96	106	0.213	<1	2.90	0.034	0.34	0.4	0.01	5.9	0.2	<0.05	16	<0.5	<0.2
1113464	Soil		16	66	1.24	138	0.143	<1	2.94	0.029	0.07	0.2	0.01	6.9	<0.1	<0.05	11	<0.5	<0.2
1113460	Soil		13	40	0.61	239	0.098	<1	2.80	0.015	0.05	0.1	0.02	3.8	0.1	<0.05	7	0.5	<0.2
1113463	Soil		15	33	0.79	204	0.101	1	2.22	0.019	0.05	0.2	0.01	3.0	<0.1	<0.05	8	0.5	<0.2
1113467	Soil		7	65	0.98	62	0.168	1	1.86	0.009	0.10	0.3	0.01	2.1	0.1	<0.05	12	<0.5	<0.2
1113468	Soil		9	34	1.16	103	0.135	<1	2.63	0.014	0.18	0.2	0.02	4.2	0.1	0.07	13	<0.5	<0.2
1113477	Soil		59	21	0.20	82	0.030	<1	0.94	0.008	0.09	0.6	0.02	2.4	<0.1	<0.05	6	0.6	<0.2
1113482	Soil		11	46	0.96	145	0.185	<1	2.70	0.010	0.19	0.2	0.02	2.8	0.2	0.06	9	<0.5	<0.2
1113481	Soil		11	29	0.46	81	0.126	1	1.57	0.008	0.06	0.2	0.01	2.3	<0.1	<0.05	10	<0.5	<0.2
1113479	Soil		22	57	1.32	201	0.086	<1	2.77	0.021	0.12	0.3	0.02	10.0	0.1	<0.05	11	0.9	<0.2
1113480	Soil		31	53	1.21	361	0.138	1	2.82	0.026	0.17	0.4	0.02	7.9	0.1	<0.05	12	<0.5	<0.2
1113478	Soil		34	116	1.69	292	0.016	1	2.40	0.004	0.22	0.4	0.02	10.5	<0.1	<0.05	11	0.8	<0.2
1113474	Soil		73	86	1.56	297	0.090	<1	3.35	0.018	0.35	0.1	0.02	13.1	0.3	0.08	15	<0.5	<0.2
1113476	Soil		11	117	1.72	109	0.056	2	2.97	0.006	0.09	0.1	0.01	5.8	0.1	<0.05	12	<0.5	<0.2
1113483	Soil		21	38	0.70	174	0.072	1	1.71	0.010	0.09	0.2	0.03	4.4	<0.1	<0.05	7	<0.5	<0.2
1113473	Soil		14	15	0.30	76	0.062	<1	0.87	0.016	0.04	<0.1	0.02	1.6	<0.1	<0.05	5	<0.5	<0.2
1113471	Soil		10	69	1.67	146	0.220	<1	3.07	0.010	0.30	0.3	0.02	5.1	0.2	<0.05	15	<0.5	<0.2
1114228	Soil		20	33	0.71	187	0.108	<1	1.67	0.012	0.16	0.2	0.02	4.5	0.2	<0.05	7	<0.5	<0.2
1113452	Soil		41	46	0.79	177	0.198	<1	1.79	0.015	0.19	0.2	0.03	3.2	0.2	<0.05	9	<0.5	<0.2
1113459	Soil		10	49	1.02	149	0.191	2	2.92	0.010	0.20	0.3	0.03	4.0	0.2	<0.05	11	<0.5	<0.2
1113455	Soil		7	30	0.44	47	0.183	<1	1.20	0.011	0.05	0.1	0.01	1.8	0.1	<0.05	11	<0.5	<0.2
1114227	Soil		28	38	0.69	198	0.106	<1	1.64	0.014	0.16	0.2	0.02	5.5	0.2	<0.05	6	<0.5	<0.2
1114223	Soil		19	60	1.47	239	0.253	<1	3.06	0.014	0.73	0.1	0.02	7.0	0.4	<0.05	13	<0.5	<0.2
1114226	Soil		10	20	0.34	96	0.098	<1	1.15	0.021	0.09	0.1	0.02	2.2	0.1	<0.05	6	<0.5	<0.2
1113451	Soil		18	33	0.44	135	0.100	<1	2.01	0.009	0.05	0.2	0.03	3.1	0.2	<0.05	9	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1113453	Soil		0.8	13.8	10.9	27	<0.1	9.5	5.0	182	1.99	4.2	0.5	3.2	1.6	11	<0.1	0.3	0.4	69	0.11	0.026
1113456	Soil		1.2	18.1	10.3	46	<0.1	18.9	9.8	259	3.25	7.2	0.6	2.2	6.6	12	<0.1	0.5	0.3	84	0.14	0.026
1113457	Soil		1.1	20.0	10.5	52	<0.1	24.6	11.6	268	3.29	7.8	0.7	4.1	5.9	12	0.1	0.5	0.2	83	0.15	0.019
1113458	Soil		1.2	18.8	12.4	79	<0.1	16.8	11.8	1035	3.61	5.0	0.8	1.8	8.3	11	0.1	0.4	0.3	96	0.12	0.045
1113454	Soil		1.4	30.8	10.9	62	<0.1	24.6	13.5	441	4.57	5.3	0.8	1.0	3.7	10	<0.1	0.4	0.9	154	0.19	0.053
1114212	Soil		0.9	19.4	9.2	53	<0.1	22.4	10.1	295	2.81	5.8	1.0	2.6	5.3	17	0.1	0.3	0.2	66	0.24	0.048
1114229	Soil		1.5	18.0	6.0	69	<0.1	34.1	15.5	482	4.58	3.7	1.1	1.7	9.3	14	0.1	0.2	0.2	101	0.29	0.085
1114225	Soil		1.4	14.6	7.0	53	<0.1	28.3	15.3	459	3.91	4.0	0.8	1.6	5.4	18	0.1	0.2	0.1	104	0.38	0.081
1114232	Soil		1.3	27.2	9.5	61	<0.1	23.7	12.9	461	3.45	5.4	1.3	6.9	8.3	23	<0.1	0.4	0.2	73	0.51	0.046
1114230	Soil		1.2	18.5	8.4	57	<0.1	21.2	10.6	428	3.15	4.3	1.2	<0.5	5.0	19	0.2	0.3	0.2	72	0.29	0.061
1114231	Soil		1.5	18.3	8.2	52	<0.1	22.2	13.1	415	3.42	4.6	1.2	1.7	8.2	19	<0.1	0.3	0.2	77	0.32	0.054
1114233	Soil		1.5	27.2	9.4	64	0.2	25.5	16.8	836	4.03	7.1	1.4	2.2	7.1	27	0.3	0.4	0.2	79	0.51	0.052
1114224	Soil		1.0	23.3	7.3	55	<0.1	27.5	14.5	448	3.55	5.7	1.0	3.3	7.2	22	<0.1	0.3	0.2	76	0.38	0.067
1114216	Soil		0.8	25.8	12.5	82	0.1	24.3	13.5	674	3.24	4.5	1.4	2.6	4.4	25	0.2	0.3	0.3	69	0.42	0.079
1114215	Soil		0.8	18.3	8.8	69	<0.1	24.0	14.6	583	3.11	4.7	0.6	1.6	5.0	14	<0.1	0.3	0.2	69	0.25	0.063
1114213	Soil		0.8	27.6	8.8	63	<0.1	32.3	14.4	480	3.29	6.0	1.1	5.2	8.1	22	0.1	0.4	0.2	75	0.34	0.066
1114222	Soil		0.8	21.0	6.9	55	<0.1	30.5	15.7	440	3.97	4.5	1.0	2.3	9.0	18	<0.1	0.2	0.2	87	0.31	0.054
1114211	Soil		0.9	21.0	8.5	53	<0.1	22.4	9.8	286	2.68	5.3	1.0	2.3	5.0	17	<0.1	0.3	0.2	63	0.27	0.059
1114214	Soil		0.8	26.7	8.5	65	<0.1	30.8	14.2	465	3.22	6.4	1.1	6.0	7.7	21	0.1	0.4	0.2	75	0.33	0.064
1114220	Soil		1.0	18.9	8.8	56	<0.1	21.9	12.1	381	3.53	6.1	1.0	1.8	8.3	15	<0.1	0.3	0.2	79	0.25	0.042
1114217	Soil		1.0	19.8	8.7	59	0.1	28.0	16.3	344	3.69	2.5	2.2	2.8	5.6	24	<0.1	0.2	0.2	97	0.55	0.102
1114218	Soil		1.8	33.1	11.0	63	0.1	26.2	13.5	352	4.47	3.4	4.6	2.7	17.0	17	<0.1	0.2	0.4	94	0.33	0.092
1114221	Soil		0.8	22.6	6.9	56	<0.1	32.2	17.1	487	4.37	4.3	1.1	2.3	9.7	19	<0.1	0.2	0.3	93	0.32	0.059
1114219	Soil		0.8	17.8	5.6	49	<0.1	24.0	13.9	431	3.38	1.5	1.3	0.7	3.9	15	0.1	<0.1	0.3	77	0.34	0.109
1114201	Soil		1.5	26.0	15.2	78	0.1	25.7	13.9	504	3.69	5.7	5.2	3.7	7.2	16	0.1	0.7	0.4	79	0.23	0.076
1114205	Soil		0.7	20.3	10.7	61	<0.1	23.2	9.8	250	2.99	5.8	1.0	3.0	4.2	19	0.1	0.4	0.2	71	0.26	0.057
1114203	Soil		0.8	21.4	10.0	64	<0.1	24.1	12.3	370	3.24	7.2	0.9	4.9	5.1	19	0.1	0.4	0.2	75	0.26	0.061
1114202	Soil		1.1	27.1	11.8	71	0.1	26.5	15.3	524	3.64	6.3	1.7	4.3	7.5	20	0.2	0.3	0.3	88	0.36	0.066
1114206	Soil		1.0	17.8	8.0	61	<0.1	23.4	12.2	342	3.28	4.9	1.0	3.6	4.7	18	0.1	0.3	0.2	79	0.35	0.088
1114207	Soil		0.8	17.7	9.7	60	0.1	21.0	8.5	183	2.86	6.1	0.9	3.1	3.0	19	<0.1	0.4	0.2	63	0.24	0.063

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

Project: ECH
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS DAW11000086.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1113453	Soil	9	23	0.30	72	0.102	<1	1.10	0.009	0.04	0.2	0.02	1.7	0.1	<0.05	8	<0.5	<0.2
1113456	Soil	10	35	0.55	134	0.111	<1	2.06	0.010	0.06	0.2	0.02	2.5	0.1	<0.05	8	<0.5	<0.2
1113457	Soil	9	46	0.58	156	0.110	<1	2.33	0.009	0.05	0.6	0.02	3.2	0.2	<0.05	8	<0.5	<0.2
1113458	Soil	12	41	0.57	213	0.097	<1	2.33	0.010	0.06	0.2	0.02	3.6	0.2	<0.05	12	<0.5	<0.2
1113454	Soil	7	50	1.22	71	0.287	<1	1.85	0.011	0.27	0.4	0.03	2.4	0.2	<0.05	14	<0.5	<0.2
1114212	Soil	21	39	0.60	166	0.080	<1	2.00	0.010	0.06	0.1	0.05	4.4	0.2	<0.05	7	<0.5	<0.2
1114229	Soil	21	76	1.43	231	0.231	<1	2.64	0.014	0.72	0.2	0.02	7.7	0.3	<0.05	14	<0.5	<0.2
1114225	Soil	18	53	1.20	259	0.225	2	2.16	0.014	0.44	0.4	0.02	5.8	0.2	<0.05	9	<0.5	<0.2
1114232	Soil	27	39	0.67	319	0.102	<1	2.05	0.017	0.16	0.1	0.03	6.9	0.2	<0.05	8	<0.5	<0.2
1114230	Soil	24	37	0.63	233	0.085	2	1.87	0.016	0.14	0.2	0.03	5.4	0.2	<0.05	7	<0.5	<0.2
1114231	Soil	32	41	0.71	254	0.114	<1	1.94	0.013	0.15	0.1	0.02	6.1	0.2	<0.05	8	<0.5	<0.2
1114233	Soil	45	42	0.64	490	0.086	<1	2.27	0.014	0.15	0.1	0.06	8.0	0.2	<0.05	8	<0.5	<0.2
1114224	Soil	27	42	0.98	256	0.150	<1	2.11	0.013	0.28	0.1	0.03	6.1	0.2	<0.05	7	<0.5	<0.2
1114216	Soil	45	40	0.70	224	0.078	1	2.15	0.014	0.13	<0.1	0.06	6.4	0.2	<0.05	8	<0.5	<0.2
1114215	Soil	11	46	0.76	117	0.122	<1	1.97	0.013	0.19	0.1	0.03	3.7	0.2	<0.05	8	<0.5	<0.2
1114213	Soil	25	50	0.83	220	0.126	<1	2.15	0.013	0.12	0.2	0.02	5.4	0.2	<0.05	7	<0.5	<0.2
1114222	Soil	22	54	1.17	217	0.197	<1	2.41	0.019	0.41	0.1	0.02	6.7	0.3	<0.05	10	<0.5	<0.2
1114211	Soil	21	38	0.63	143	0.093	1	1.85	0.013	0.11	0.1	0.04	3.7	0.2	<0.05	7	<0.5	<0.2
1114214	Soil	26	48	0.80	221	0.125	<1	2.14	0.013	0.11	0.1	0.03	5.4	0.2	<0.05	7	<0.5	<0.2
1114220	Soil	21	40	0.89	205	0.162	<1	2.23	0.011	0.27	0.1	0.02	5.0	0.2	<0.05	8	<0.5	<0.2
1114217	Soil	27	59	1.18	278	0.151	<1	2.65	0.017	0.45	0.1	0.04	8.3	0.3	<0.05	11	<0.5	<0.2
1114218	Soil	61	60	1.04	313	0.153	<1	3.12	0.013	0.60	0.1	0.10	10.9	0.4	<0.05	12	<0.5	<0.2
1114221	Soil	25	57	1.29	234	0.226	<1	2.68	0.017	0.54	0.1	0.02	7.7	0.4	<0.05	11	<0.5	<0.2
1114219	Soil	17	50	1.00	233	0.156	1	1.91	0.020	0.63	0.1	0.03	5.7	0.3	<0.05	9	<0.5	<0.2
1114201	Soil	38	46	0.60	244	0.054	3	2.31	0.012	0.11	0.2	0.06	6.1	0.4	0.10	8	1.0	<0.2
1114205	Soil	17	38	0.58	222	0.072	2	2.23	0.012	0.07	0.1	0.05	4.4	0.2	<0.05	7	<0.5	<0.2
1114203	Soil	16	38	0.64	222	0.070	2	2.16	0.012	0.09	0.2	0.04	4.5	0.1	<0.05	7	<0.5	<0.2
1114202	Soil	21	49	0.82	271	0.114	1	2.13	0.017	0.16	0.2	0.03	5.4	0.2	<0.05	9	<0.5	<0.2
1114206	Soil	21	41	0.61	187	0.070	2	1.88	0.013	0.08	0.2	0.03	4.6	0.2	<0.05	7	0.5	<0.2
1114207	Soil	19	35	0.55	191	0.062	2	1.97	0.012	0.06	0.1	0.04	3.7	0.1	<0.05	7	<0.5	<0.2

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CERTIFICATE OF ANALYSIS DAW11000086.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1114204	Soil	0.7	17.0	9.2	57	0.1	20.3	9.6	270	2.70	4.8	1.0	2.8	3.0	20	<0.1	0.3	0.2	60	0.25	0.065
1114209	Soil	1.2	23.0	9.6	52	<0.1	23.1	9.9	295	3.28	6.2	1.3	2.5	7.1	14	<0.1	0.4	0.2	83	0.20	0.050
1114210	Soil	0.9	27.2	9.0	56	<0.1	25.5	12.2	370	3.12	8.0	1.1	3.5	8.5	16	0.1	0.4	0.2	72	0.25	0.055
1114208	Soil	1.0	21.7	9.0	60	<0.1	22.1	12.0	365	3.23	6.5	0.9	2.1	5.8	16	0.1	0.4	0.2	75	0.26	0.064
1115164	Soil	0.7	20.7	9.4	66	<0.1	20.4	9.7	238	2.72	7.2	1.1	8.1	3.0	19	0.1	0.3	0.4	61	0.27	0.062
1115171	Soil	0.7	16.3	10.5	64	0.1	21.9	15.3	1061	3.13	4.4	2.6	5.2	2.6	29	<0.1	0.2	0.5	67	0.37	0.069
1115177	Soil	0.5	22.1	9.6	81	<0.1	20.0	12.1	476	3.49	4.7	1.2	0.7	8.6	18	0.2	0.2	0.2	70	0.34	0.081
1115180	Soil	1.0	21.0	11.9	77	<0.1	20.2	12.5	506	3.61	5.8	1.0	1.4	5.6	15	0.2	0.3	0.3	75	0.20	0.054
1115176	Soil	0.7	20.7	9.7	70	0.1	22.1	11.9	348	3.12	6.0	1.2	1.9	4.1	25	<0.1	0.3	0.2	68	0.34	0.070
1115173	Soil	0.7	15.1	9.7	59	<0.1	18.9	7.4	164	2.93	9.6	0.9	3.1	2.8	17	<0.1	0.3	0.2	83	0.26	0.060
1115172	Soil	0.6	14.2	8.5	52	0.1	16.8	7.9	178	2.56	5.8	1.1	5.2	2.2	15	0.1	0.2	0.2	56	0.20	0.067
1115166	Soil	0.7	18.8	9.2	61	<0.1	21.1	9.8	268	2.79	6.2	0.9	4.5	3.8	19	0.2	0.4	0.4	61	0.31	0.066
1115163	Soil	0.8	20.6	9.2	69	<0.1	23.0	10.6	290	3.00	7.0	1.0	2.9	3.9	20	0.2	0.3	0.3	64	0.31	0.069
1115169	Soil	0.6	20.5	7.9	62	<0.1	23.2	10.5	310	2.80	6.1	1.4	0.9	5.4	22	0.3	0.4	0.5	61	0.38	0.089
1115181	Soil	0.7	21.0	8.9	71	<0.1	20.4	12.8	520	3.29	4.9	1.5	1.2	7.0	18	0.2	0.3	0.3	70	0.31	0.075
1115183	Soil	0.7	17.8	8.4	66	<0.1	20.3	11.9	480	2.97	5.5	1.2	3.2	6.1	18	0.2	0.3	0.2	62	0.29	0.077
1115179	Soil	1.0	22.2	11.4	83	<0.1	22.5	14.0	568	3.89	6.3	1.1	4.7	7.7	17	0.1	0.3	0.3	82	0.25	0.059
1115168	Soil	0.7	23.0	9.0	65	<0.1	21.5	10.6	344	2.78	6.2	1.2	5.7	4.9	22	0.3	0.4	0.5	63	0.35	0.072
1115167	Soil	0.9	24.4	10.4	69	<0.1	24.7	11.6	333	3.26	7.8	1.4	2.6	3.6	23	0.1	0.4	0.4	70	0.34	0.077
1115160	Soil	0.9	23.7	11.5	71	<0.1	26.2	12.4	420	3.31	7.9	1.3	3.8	4.0	21	0.2	0.4	0.4	73	0.31	0.074
1115161	Soil	0.7	21.4	10.7	69	<0.1	22.4	12.6	312	2.93	6.5	1.1	6.1	3.5	18	0.2	0.4	0.3	64	0.28	0.064
1115152	Soil	0.8	18.8	9.3	62	0.1	22.5	9.8	258	2.93	7.2	1.0	4.6	2.4	20	0.2	0.4	0.3	68	0.28	0.063
1115170	Soil	0.8	15.3	11.0	66	<0.1	20.9	13.5	728	3.04	5.7	1.6	3.0	2.6	20	0.2	0.3	0.6	67	0.27	0.068
1115151	Soil	0.7	25.0	8.4	62	<0.1	24.9	12.1	451	3.06	7.3	1.0	3.5	4.2	19	0.2	0.4	0.2	69	0.30	0.066
1115178	Soil	0.7	22.9	9.3	77	<0.1	22.5	13.3	470	3.44	5.7	1.1	1.9	7.3	21	0.1	0.3	0.2	73	0.33	0.063
1115175	Soil	0.7	20.2	9.1	70	<0.1	23.0	11.7	398	3.19	6.6	1.0	1.1	4.0	20	<0.1	0.3	0.2	70	0.29	0.057
1115174	Soil	0.8	20.4	10.6	74	0.1	21.8	12.9	499	3.15	7.5	1.1	4.3	3.8	20	0.1	0.3	0.2	69	0.27	0.063
1115162	Soil	0.8	16.3	8.6	58	<0.1	19.0	8.1	206	2.39	5.1	0.7	3.2	2.0	15	0.2	0.3	0.3	54	0.21	0.051
1115165	Soil	0.8	21.1	9.2	68	0.1	24.1	10.2	291	2.94	6.6	1.0	4.9	3.2	21	0.3	0.3	0.3	65	0.32	0.066
1115182	Soil	0.6	20.3	7.9	69	<0.1	22.9	12.9	480	3.14	5.4	1.2	2.9	9.4	16	0.2	0.3	0.2	67	0.27	0.065

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1114204	Soil	17	34	0.55	210	0.067	1	1.92	0.013	0.07	0.1	0.05	4.0	0.1	<0.05	6	<0.5	<0.2
1114209	Soil	26	41	0.58	176	0.087	1	2.15	0.013	0.11	0.1	0.05	6.1	0.2	<0.05	8	<0.5	<0.2
1114210	Soil	20	39	0.63	174	0.089	2	2.29	0.011	0.08	0.2	0.03	4.2	0.2	<0.05	7	<0.5	<0.2
1114208	Soil	16	36	0.55	151	0.078	2	1.97	0.012	0.08	0.2	0.03	4.0	0.1	<0.05	7	<0.5	<0.2
1115164	Soil	14	31	0.52	176	0.096	2	2.01	0.014	0.09	0.1	0.04	3.6	0.2	<0.05	6	<0.5	<0.2
1115171	Soil	21	37	0.62	255	0.096	1	2.33	0.014	0.13	0.2	0.04	4.9	0.3	<0.05	8	<0.5	<0.2
1115177	Soil	23	37	0.78	198	0.189	2	2.18	0.013	0.38	0.2	0.02	4.9	0.4	<0.05	8	0.6	<0.2
1115180	Soil	17	38	0.68	171	0.142	<1	2.42	0.015	0.23	0.2	0.03	4.5	0.3	<0.05	9	<0.5	<0.2
1115176	Soil	19	37	0.65	253	0.106	1	2.40	0.020	0.12	0.2	0.04	5.2	0.2	<0.05	7	<0.5	<0.2
1115173	Soil	15	32	0.53	167	0.092	1	1.96	0.012	0.09	0.2	0.04	3.7	0.2	<0.05	6	0.8	<0.2
1115172	Soil	13	31	0.48	164	0.075	<1	1.84	0.015	0.08	0.1	0.06	3.5	0.2	<0.05	6	<0.5	<0.2
1115166	Soil	14	33	0.56	176	0.103	2	2.06	0.013	0.10	0.2	0.03	3.9	0.2	<0.05	6	0.5	<0.2
1115163	Soil	14	36	0.60	184	0.112	<1	2.08	0.013	0.10	0.2	0.04	3.9	0.2	<0.05	6	<0.5	<0.2
1115169	Soil	18	33	0.57	203	0.118	<1	1.79	0.015	0.15	0.2	0.03	4.2	0.2	<0.05	5	0.6	<0.2
1115181	Soil	22	35	0.68	208	0.149	1	2.08	0.013	0.25	0.2	0.02	4.6	0.3	<0.05	7	0.6	<0.2
1115183	Soil	18	32	0.58	176	0.117	<1	1.78	0.012	0.17	0.2	0.03	3.7	0.2	<0.05	6	<0.5	<0.2
1115179	Soil	20	42	0.77	196	0.167	<1	2.58	0.011	0.28	0.2	0.02	4.9	0.3	<0.05	9	<0.5	<0.2
1115168	Soil	16	33	0.57	220	0.110	<1	1.90	0.015	0.10	0.2	0.03	4.5	0.2	<0.05	6	<0.5	<0.2
1115167	Soil	17	39	0.56	244	0.106	2	2.36	0.015	0.11	0.1	0.05	4.8	0.2	<0.05	7	<0.5	<0.2
1115160	Soil	16	40	0.61	205	0.109	2	2.37	0.014	0.14	0.2	0.03	4.7	0.2	<0.05	7	0.5	<0.2
1115161	Soil	15	36	0.59	184	0.106	3	2.17	0.013	0.10	0.1	0.04	4.0	0.2	<0.05	6	<0.5	<0.2
1115152	Soil	13	35	0.58	182	0.099	2	2.20	0.013	0.10	0.2	0.04	3.5	0.2	<0.05	7	0.6	<0.2
1115170	Soil	15	35	0.55	197	0.105	1	2.28	0.013	0.14	0.2	0.04	4.2	0.3	<0.05	7	0.6	<0.2
1115151	Soil	17	36	0.61	198	0.117	2	2.04	0.013	0.12	0.2	0.02	4.2	0.2	<0.05	6	<0.5	<0.2
1115178	Soil	23	36	0.72	216	0.158	<1	2.09	0.014	0.20	0.2	0.02	5.1	0.3	<0.05	7	0.6	<0.2
1115175	Soil	16	37	0.60	198	0.113	3	2.28	0.013	0.12	0.2	0.03	4.6	0.2	<0.05	7	<0.5	<0.2
1115174	Soil	16	38	0.60	211	0.103	<1	2.27	0.014	0.11	0.1	0.05	4.6	0.2	<0.05	7	0.6	<0.2
1115162	Soil	13	30	0.50	143	0.096	2	1.88	0.014	0.10	0.2	0.05	3.2	0.2	0.05	6	0.5	<0.2
1115165	Soil	15	35	0.58	200	0.105	<1	2.15	0.014	0.10	0.1	0.04	4.1	0.2	<0.05	6	0.8	<0.2
1115182	Soil	27	38	0.70	188	0.150	1	1.98	0.014	0.23	0.2	0.02	4.5	0.3	<0.05	7	0.7	<0.2

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Client: **Ryan Gold Corp.**
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Project: ECH
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS DAW11000086.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1115159	Soil		0.9	23.1	13.5	67	0.1	19.9	13.9	810	3.08	7.8	1.7	3.0	3.7	18	0.1	0.4	0.5	65	0.23	0.078
1115158	Soil		0.8	19.4	13.8	73	<0.1	20.9	13.2	479	3.04	6.6	1.1	2.3	4.6	18	0.2	0.4	0.5	64	0.29	0.081
1115155	Soil		0.7	16.0	10.9	60	<0.1	18.3	8.8	252	2.79	5.7	1.1	2.9	3.2	17	0.1	0.3	0.3	57	0.25	0.070
1115153	Soil		0.6	16.7	7.6	27	<0.1	8.3	4.0	143	1.40	3.2	1.0	4.2	0.3	16	0.5	0.2	0.3	33	0.16	0.052
1115157	Soil		0.5	19.0	8.0	56	<0.1	18.0	8.1	307	2.38	4.7	1.1	4.3	5.8	22	0.2	0.3	0.3	51	0.33	0.078
1115154	Soil		0.7	19.4	11.1	66	<0.1	20.8	9.6	338	2.88	6.9	1.2	2.7	3.9	19	0.2	0.4	0.3	64	0.27	0.067
1115156	Soil		0.8	19.8	10.9	63	<0.1	19.8	10.3	321	2.82	9.0	1.2	6.2	4.4	22	0.1	0.4	0.4	62	0.28	0.071
1114247	Soil		0.7	13.7	10.1	60	<0.1	15.3	8.1	303	2.61	4.6	1.2	2.3	3.6	17	0.2	0.3	0.3	49	0.21	0.072
1114253	Soil		0.7	15.2	9.7	62	<0.1	16.6	12.4	607	2.86	4.9	1.4	1.6	7.9	21	0.1	0.3	0.3	58	0.37	0.101
1114249	Soil		0.7	16.7	10.5	66	<0.1	17.1	12.3	510	2.88	6.5	1.0	4.0	7.0	15	0.2	0.4	0.3	60	0.26	0.070
1114251	Soil		0.7	21.3	12.4	69	<0.1	20.2	13.2	525	3.08	6.0	1.4	2.1	6.1	27	0.1	0.4	0.3	61	0.36	0.091
1114258	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1114250	Soil		0.6	15.0	10.1	61	<0.1	16.9	7.8	272	2.53	4.0	1.3	1.7	6.6	21	0.1	0.3	0.3	60	0.31	0.088
1114252	Soil		0.8	15.0	10.3	62	<0.1	17.8	16.4	832	2.99	4.9	1.6	4.2	8.1	22	0.1	0.3	0.3	62	0.37	0.097
1114255	Soil		0.7	26.4	13.1	79	<0.1	24.5	16.0	476	3.60	4.5	1.8	2.0	13.2	25	0.2	0.4	0.3	83	0.50	0.108
1114257	Soil		0.7	19.5	10.8	64	0.1	17.9	9.4	251	2.75	6.3	1.6	2.1	8.9	24	0.2	0.4	0.2	61	0.33	0.081
1114242	Soil		0.7	17.5	10.8	64	0.1	17.6	7.4	186	2.96	7.4	1.8	2.4	8.3	21	0.2	0.4	0.3	63	0.28	0.084
1114147	Soil		0.6	13.8	9.9	59	<0.1	15.7	7.3	189	2.49	5.6	2.5	0.9	6.0	19	0.1	0.3	0.4	52	0.31	0.085
1114239	Soil		0.7	17.1	10.7	64	0.1	17.1	8.1	239	2.70	7.0	1.5	5.2	6.9	21	0.2	0.4	0.3	57	0.28	0.068
1114243	Soil		0.8	14.5	10.3	59	<0.1	16.4	7.5	209	2.64	6.6	1.2	4.1	6.3	20	0.1	0.3	0.3	64	0.26	0.070
1114244	Soil		1.0	15.4	9.6	63	<0.1	18.2	8.3	258	2.82	6.6	3.0	6.7	6.7	21	0.2	0.4	0.3	60	0.30	0.079
1114240	Soil		0.9	21.1	10.6	70	<0.1	18.0	10.8	296	3.10	6.0	1.7	1.9	9.4	19	0.2	0.4	0.4	65	0.31	0.084
1114149	Soil		0.5	16.3	10.2	65	0.1	17.4	8.5	257	2.38	3.0	1.6	1.1	6.4	22	0.1	0.3	0.3	46	0.33	0.069
1114241	Soil		0.7	16.0	11.1	64	<0.1	17.9	10.0	314	2.91	5.5	1.3	1.2	7.4	18	0.1	0.4	0.4	62	0.26	0.079
1114259	Soil		0.8	17.0	10.5	63	<0.1	19.7	10.7	298	3.00	6.9	1.5	3.3	9.7	26	0.2	0.4	0.2	69	0.36	0.070
1114148	Soil		0.6	15.8	12.0	67	<0.1	18.3	8.8	208	2.89	5.4	1.7	3.7	6.5	21	0.1	0.4	0.4	67	0.28	0.068
1114245	Soil		0.5	15.9	10.1	63	<0.1	16.9	8.5	203	2.53	5.2	1.5	3.7	5.3	21	0.2	0.3	0.3	58	0.25	0.052
1114236	Soil		0.5	16.9	10.0	64	<0.1	16.4	9.0	274	2.73	6.0	1.4	1.7	7.8	22	0.2	0.3	0.3	55	0.33	0.082
1114248	Soil		0.5	10.8	9.0	59	<0.1	14.3	6.8	226	2.39	4.9	0.9	6.0	3.7	19	0.2	0.2	0.2	51	0.23	0.067
1114260	Soil		0.7	13.2	9.5	60	<0.1	16.4	14.3	634	2.63	5.4	1.5	1.7	10.7	21	0.2	0.3	0.3	64	0.34	0.069

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Project: ECH
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS DAW11000086.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1115159	Soil	15	35	0.52	194	0.093	2	2.18	0.016	0.14	0.2	0.05	4.5	0.2	<0.05	7	<0.5	<0.2
1115158	Soil	13	35	0.63	160	0.102	1	2.07	0.013	0.11	0.2	0.03	3.7	0.2	<0.05	7	<0.5	<0.2
1115155	Soil	12	32	0.55	127	0.089	<1	1.96	0.013	0.11	0.3	0.03	3.2	0.2	<0.05	6	<0.5	<0.2
1115153	Soil	9	15	0.21	100	0.039	<1	1.03	0.018	0.05	0.1	0.04	1.2	<0.1	<0.05	4	<0.5	<0.2
1115157	Soil	16	29	0.57	168	0.104	1	1.42	0.019	0.11	0.2	0.01	3.4	0.2	<0.05	5	<0.5	<0.2
1115154	Soil	13	34	0.61	161	0.103	<1	2.06	0.013	0.11	0.3	0.02	3.6	0.2	<0.05	7	<0.5	<0.2
1115156	Soil	14	33	0.55	167	0.092	<1	1.91	0.013	0.09	0.1	0.03	3.9	0.2	<0.05	6	<0.5	<0.2
1114247	Soil	14	27	0.44	164	0.076	2	1.83	0.014	0.09	0.2	0.06	3.6	0.2	<0.05	6	<0.5	<0.2
1114253	Soil	20	30	0.55	205	0.089	1	1.79	0.014	0.10	0.3	0.04	4.1	0.2	<0.05	7	<0.5	<0.2
1114249	Soil	15	29	0.51	133	0.110	<1	1.90	0.010	0.14	0.2	0.02	3.3	0.2	<0.05	7	<0.5	<0.2
1114251	Soil	17	34	0.55	189	0.109	<1	2.09	0.013	0.16	0.2	0.04	4.1	0.3	<0.05	7	<0.5	<0.2
1114258	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1114250	Soil	17	30	0.55	203	0.093	<1	1.95	0.014	0.10	0.2	0.04	3.9	0.2	<0.05	6	<0.5	<0.2
1114252	Soil	20	31	0.56	209	0.093	<1	1.86	0.015	0.11	0.2	0.05	4.3	0.2	<0.05	7	<0.5	<0.2
1114255	Soil	30	42	0.83	252	0.171	<1	2.24	0.021	0.26	0.2	0.02	6.8	0.2	<0.05	8	0.6	<0.2
1114257	Soil	22	31	0.57	217	0.086	<1	1.93	0.017	0.08	0.2	0.05	4.3	0.1	<0.05	7	<0.5	<0.2
1114242	Soil	22	31	0.52	213	0.095	<1	2.12	0.015	0.09	0.2	0.06	4.7	0.2	<0.05	6	0.5	<0.2
1114147	Soil	17	27	0.47	163	0.093	2	1.84	0.013	0.09	0.2	0.04	3.5	0.2	<0.05	6	<0.5	<0.2
1114239	Soil	20	29	0.49	203	0.096	<1	1.98	0.013	0.09	0.1	0.04	4.0	0.2	<0.05	6	<0.5	<0.2
1114243	Soil	17	30	0.51	167	0.091	2	1.97	0.014	0.07	0.2	0.06	3.6	0.2	<0.05	7	<0.5	<0.2
1114244	Soil	18	30	0.47	175	0.093	<1	1.95	0.013	0.09	0.2	0.05	4.0	0.2	<0.05	7	<0.5	<0.2
1114240	Soil	24	32	0.58	203	0.117	<1	2.11	0.017	0.15	0.2	0.04	4.7	0.3	<0.05	7	<0.5	<0.2
1114149	Soil	18	31	0.54	194	0.103	<1	2.17	0.013	0.11	0.1	0.07	4.7	0.2	<0.05	7	<0.5	<0.2
1114241	Soil	18	32	0.55	159	0.105	1	2.10	0.025	0.11	0.2	0.05	4.1	0.2	<0.05	7	<0.5	<0.2
1114259	Soil	21	34	0.60	226	0.105	<1	1.97	0.016	0.10	0.3	0.04	4.5	0.2	<0.05	7	<0.5	<0.2
1114148	Soil	17	34	0.59	196	0.109	<1	2.43	0.014	0.11	0.2	0.05	4.7	0.2	<0.05	8	<0.5	<0.2
1114245	Soil	16	32	0.51	198	0.097	<1	2.08	0.013	0.09	0.2	0.05	3.7	0.2	<0.05	7	<0.5	<0.2
1114236	Soil	20	29	0.54	208	0.110	<1	1.95	0.013	0.11	0.1	0.04	4.1	0.2	<0.05	7	<0.5	<0.2
1114248	Soil	15	25	0.45	140	0.083	<1	1.82	0.012	0.08	0.2	0.03	2.7	0.2	<0.05	6	0.6	<0.2
1114260	Soil	18	30	0.53	178	0.090	<1	1.79	0.016	0.08	0.2	0.04	3.6	0.1	<0.05	7	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1114246	Soil	0.6	14.4	10.3	62	<0.1	16.2	7.3	196	2.43	5.9	1.2	4.5	5.0	19	0.1	0.3	0.3	55	0.23	0.061
1114237	Soil	0.6	14.1	10.4	58	0.1	14.5	7.8	263	2.79	5.6	1.4	2.0	6.1	19	0.1	0.4	0.3	57	0.27	0.080
1114254	Soil	0.4	12.2	8.2	53	<0.1	15.2	7.3	192	2.02	2.4	1.1	7.3	8.3	21	0.1	0.3	0.2	45	0.34	0.080
1114263	Soil	0.9	22.3	8.5	72	<0.1	22.1	12.8	365	3.41	5.0	1.7	1.6	11.6	23	0.2	0.4	0.2	77	0.40	0.081
1114146	Soil	0.6	12.4	9.2	51	<0.1	14.1	6.4	145	2.16	4.4	1.2	3.8	4.6	20	0.1	0.3	0.3	46	0.28	0.070
1114264	Soil	1.0	27.5	11.1	81	0.1	23.1	14.1	363	3.67	6.9	2.4	4.7	13.4	24	0.2	0.4	0.3	81	0.42	0.092
1114238	Soil	0.6	17.6	9.9	65	0.1	18.5	9.0	255	2.79	7.5	1.4	4.0	6.5	20	0.2	0.4	0.4	55	0.27	0.072
1114262	Soil	1.0	13.7	8.2	58	0.1	20.0	11.0	289	3.02	4.5	1.5	2.5	8.6	22	0.1	0.3	0.3	70	0.34	0.078
1114256	Soil	1.1	29.0	13.0	89	<0.1	26.4	16.6	510	4.25	6.2	1.3	1.1	10.0	25	0.2	0.4	0.3	88	0.46	0.115
1114261	Soil	0.8	18.2	10.6	72	<0.1	20.1	11.7	442	2.96	5.0	1.7	2.3	9.4	22	0.2	0.3	0.3	68	0.30	0.063
1115492	Soil	0.8	19.5	8.8	66	0.1	19.6	9.7	207	2.66	6.2	1.3	3.8	5.7	20	0.2	0.4	0.2	57	0.26	0.064
1115494	Soil	0.9	25.9	7.9	75	<0.1	21.2	12.1	270	3.31	4.9	1.5	1.7	12.8	20	0.1	0.3	0.2	67	0.36	0.091
1115790	Soil	1.1	16.5	8.5	65	<0.1	19.5	11.9	336	2.99	6.0	1.4	2.4	11.2	18	0.1	0.4	0.3	64	0.33	0.073
1115490	Soil	1.0	19.6	8.9	70	0.1	21.8	13.1	505	3.03	6.4	1.5	4.0	8.4	21	0.2	0.5	0.2	62	0.36	0.081
1115792	Soil	1.0	18.3	9.4	66	<0.1	19.6	11.5	279	3.06	6.1	2.1	2.0	13.1	20	0.1	0.4	0.3	63	0.33	0.070
1115791	Soil	1.0	18.4	9.5	68	<0.1	19.6	11.3	328	3.13	6.8	1.5	2.0	8.5	17	<0.1	0.4	0.3	63	0.28	0.068
1115799	Soil	1.0	17.1	10.1	67	<0.1	17.8	10.8	304	2.89	7.4	1.5	4.6	9.1	19	0.1	0.4	0.2	62	0.29	0.081
1115800	Soil	0.9	17.5	9.7	72	0.1	19.9	10.5	254	3.02	6.5	1.4	1.8	10.6	19	0.2	0.3	0.2	65	0.32	0.076
1115795	Soil	1.1	14.4	10.0	63	<0.1	17.6	10.9	354	2.98	5.7	1.8	2.1	8.2	19	0.1	0.3	0.3	72	0.33	0.074
1115489	Soil	0.9	14.7	8.6	64	<0.1	18.1	10.9	308	2.81	6.2	1.0	3.9	7.3	17	0.1	0.3	0.2	59	0.28	0.077
1115500	Soil	0.8	19.4	10.6	65	0.1	18.3	9.9	231	2.68	6.5	2.9	6.5	6.4	19	0.2	0.4	0.2	59	0.25	0.078
1117041	Soil	1.2	30.4	10.1	82	0.1	26.7	15.6	421	3.55	6.2	2.5	1.5	12.5	25	0.3	0.5	0.3	75	0.40	0.075
1115798	Soil	1.1	14.3	7.9	63	<0.1	17.3	11.6	393	2.71	5.5	2.0	4.2	12.1	19	0.1	0.3	0.2	59	0.33	0.079
1117038	Soil	1.0	23.2	9.6	78	0.1	23.0	13.2	441	3.30	6.6	2.1	2.3	9.4	29	0.2	0.4	0.2	69	0.52	0.085
1115796	Soil	1.0	14.1	9.0	63	<0.1	17.6	10.7	317	2.70	5.3	2.2	2.6	7.6	22	0.2	0.3	0.3	60	0.34	0.074
1117037	Soil	0.9	17.9	9.9	72	<0.1	19.9	11.0	278	3.14	7.7	2.8	2.4	7.5	24	0.2	0.4	0.3	64	0.34	0.085
1115493	Soil	0.8	21.1	8.5	65	<0.1	19.0	10.6	264	3.03	5.9	1.6	4.1	9.4	18	0.2	0.4	0.2	63	0.30	0.068
1117036	Soil	0.8	17.9	9.0	60	0.1	17.2	8.5	227	2.77	5.9	2.0	4.9	4.8	19	0.1	0.4	0.2	54	0.26	0.078
1117039	Soil	1.1	25.5	10.1	72	0.1	22.9	12.7	347	3.31	5.8	2.0	2.5	9.7	23	0.1	0.4	0.2	73	0.37	0.078
1115797	Soil	0.9	16.7	9.1	68	0.1	18.4	15.6	588	2.97	5.6	1.9	1.7	8.0	23	0.1	0.3	0.3	68	0.36	0.066

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

Project: ECH
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS DAW11000086.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1114246	Soil	15	28	0.51	172	0.092	2	2.08	0.013	0.09	0.2	0.05	3.5	0.2	<0.05	6	<0.5	<0.2
1114237	Soil	16	27	0.47	150	0.095	<1	2.06	0.013	0.09	0.2	0.05	3.5	0.2	<0.05	7	<0.5	<0.2
1114254	Soil	19	26	0.47	155	0.092	<1	1.52	0.015	0.09	0.2	0.05	3.6	0.2	<0.05	6	<0.5	<0.2
1114263	Soil	32	41	0.85	270	0.152	<1	2.11	0.021	0.21	0.3	0.03	5.3	0.2	<0.05	8	0.7	<0.2
1114146	Soil	19	24	0.42	153	0.088	<1	1.70	0.012	0.08	0.2	0.06	3.5	0.2	<0.05	6	0.6	<0.2
1114264	Soil	34	44	0.87	283	0.136	<1	2.31	0.022	0.15	0.4	0.05	6.4	0.2	<0.05	8	<0.5	<0.2
1114238	Soil	19	29	0.49	209	0.084	3	1.85	0.014	0.08	0.2	0.05	4.1	0.2	<0.05	6	0.6	<0.2
1114262	Soil	24	39	0.70	199	0.098	2	1.85	0.015	0.13	0.6	0.05	4.7	0.2	<0.05	7	0.5	<0.2
1114256	Soil	24	46	0.94	277	0.177	2	2.31	0.019	0.32	0.3	0.03	5.5	0.3	<0.05	10	<0.5	<0.2
1114261	Soil	20	37	0.66	223	0.080	3	1.98	0.014	0.08	0.3	0.06	4.2	0.2	<0.05	7	<0.5	<0.2
1115492	Soil	20	29	0.59	231	0.080	2	1.65	0.014	0.07	0.3	0.06	3.5	0.1	<0.05	6	<0.5	<0.2
1115494	Soil	36	37	0.79	268	0.126	3	1.93	0.023	0.18	0.6	0.03	4.7	0.2	<0.05	8	<0.5	<0.2
1115790	Soil	21	32	0.64	181	0.091	3	1.73	0.015	0.07	0.4	0.05	3.8	0.1	<0.05	7	<0.5	<0.2
1115490	Soil	23	31	0.63	225	0.079	4	1.69	0.018	0.07	0.3	0.04	3.9	0.1	<0.05	6	<0.5	<0.2
1115792	Soil	30	34	0.67	221	0.092	2	1.80	0.016	0.09	0.7	0.05	4.4	0.1	<0.05	8	<0.5	<0.2
1115791	Soil	18	33	0.60	180	0.080	3	1.78	0.014	0.06	0.3	0.05	3.5	0.1	<0.05	7	0.5	<0.2
1115799	Soil	21	31	0.61	187	0.084	1	1.88	0.016	0.08	0.4	0.05	3.5	0.1	<0.05	7	<0.5	<0.2
1115800	Soil	22	36	0.67	211	0.089	2	2.07	0.016	0.09	0.4	0.04	4.1	0.1	<0.05	7	<0.5	<0.2
1115795	Soil	21	35	0.66	184	0.094	2	1.95	0.017	0.09	0.4	0.05	4.2	0.2	<0.05	8	<0.5	<0.2
1115489	Soil	15	30	0.57	143	0.074	2	1.67	0.015	0.07	0.5	0.04	3.1	<0.1	<0.05	6	<0.5	<0.2
1115500	Soil	23	31	0.52	261	0.061	3	1.86	0.016	0.06	0.3	0.05	4.0	0.1	<0.05	6	<0.5	<0.2
1117041	Soil	33	42	0.78	273	0.121	2	2.09	0.019	0.17	0.4	0.05	6.1	0.2	<0.05	8	<0.5	<0.2
1115798	Soil	26	33	0.61	184	0.088	2	1.64	0.017	0.15	0.4	0.03	3.9	0.1	<0.05	6	<0.5	<0.2
1117038	Soil	27	38	0.72	278	0.102	3	1.97	0.018	0.11	0.4	0.04	5.3	0.2	<0.05	7	<0.5	<0.2
1115796	Soil	25	31	0.65	201	0.082	2	1.84	0.016	0.09	0.3	0.06	4.1	0.2	<0.05	7	<0.5	<0.2
1117037	Soil	20	31	0.59	241	0.092	2	1.96	0.020	0.07	0.3	0.05	4.2	0.1	<0.05	6	0.5	<0.2
1115493	Soil	29	34	0.68	224	0.108	2	1.76	0.025	0.11	0.4	0.04	4.2	0.2	<0.05	7	0.6	<0.2
1117036	Soil	20	28	0.48	205	0.062	2	1.69	0.015	0.06	0.3	0.05	3.5	0.1	0.06	6	0.5	<0.2
1117039	Soil	26	39	0.75	288	0.111	2	2.15	0.017	0.12	0.3	0.05	5.9	0.2	<0.05	8	<0.5	<0.2
1115797	Soil	27	37	0.69	232	0.093	2	1.99	0.015	0.09	0.4	0.05	4.7	0.1	<0.05	7	<0.5	<0.2

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Project: ECH
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS DAW11000086.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1115787	Soil	1.2	20.7	9.7	69	<0.1	21.1	12.3	319	3.39	6.5	1.9	3.2	13.2	20	0.2	0.4	0.3	72	0.32	0.074
1115793	Soil	1.1	19.5	11.5	72	0.1	21.2	11.6	282	3.16	6.2	2.3	2.7	12.2	23	0.1	0.3	0.3	72	0.37	0.069
1115794	Soil	1.0	15.5	9.6	66	<0.1	18.1	12.9	455	3.04	5.5	1.4	1.5	9.5	17	0.1	0.3	0.2	64	0.36	0.082
1115789	Soil	1.5	13.5	9.5	57	<0.1	16.7	8.8	273	2.65	5.3	1.1	2.2	5.3	18	0.1	0.3	0.2	64	0.30	0.065
1115488	Soil	0.9	15.8	11.5	71	0.1	18.9	10.2	274	3.13	6.6	1.4	1.9	9.0	21	0.1	0.4	0.3	68	0.32	0.077
1115496	Soil	2.3	28.3	8.4	73	<0.1	22.6	11.9	308	3.51	3.1	5.0	1.6	21.5	20	0.2	0.4	0.3	68	0.37	0.081
1115499	Soil	0.9	15.3	11.0	66	0.1	18.7	10.8	259	2.91	7.0	2.6	3.6	5.0	20	0.2	0.5	0.2	58	0.27	0.068
1115495	Soil	1.0	26.4	11.6	79	0.1	22.5	11.6	320	3.18	5.9	1.8	2.1	12.2	20	0.2	0.4	0.3	72	0.32	0.079
1115788	Soil	1.2	16.0	9.0	57	<0.1	17.3	9.1	274	2.76	5.5	1.5	2.6	6.9	19	0.2	0.3	0.2	62	0.30	0.059
1115497	Soil	1.1	26.6	11.1	68	<0.1	21.1	10.4	311	2.86	5.5	2.5	2.5	9.1	27	0.1	0.4	0.2	66	0.39	0.076
1115786	Soil	1.1	15.2	9.1	60	<0.1	16.9	12.4	412	2.89	5.7	1.4	2.2	8.2	17	0.2	0.3	0.3	65	0.26	0.058
1115498	Soil	0.8	20.8	9.7	64	<0.1	18.9	11.4	390	2.84	5.4	1.5	2.8	9.8	21	0.2	0.4	0.2	62	0.38	0.088
1115491	Soil	0.8	16.9	8.2	59	<0.1	16.9	7.1	170	2.22	4.6	1.0	2.6	3.4	18	0.1	0.3	0.2	53	0.24	0.050
1117040	Soil	1.1	24.5	11.0	69	<0.1	26.1	12.6	328	3.17	5.4	1.7	3.9	9.2	23	0.2	0.3	0.3	72	0.37	0.066
1114900	Soil	0.4	22.8	5.8	68	<0.1	36.1	15.8	400	4.15	2.5	0.8	<0.5	13.7	20	<0.1	0.2	0.2	90	0.48	0.101
1114937	Soil	0.9	31.0	8.3	75	<0.1	34.2	16.2	595	4.07	3.2	2.1	1.3	13.7	28	<0.1	0.2	0.2	90	0.57	0.112
1114936	Soil	0.7	23.3	9.5	55	<0.1	22.5	10.1	253	3.22	6.7	1.3	2.6	5.5	26	<0.1	0.4	0.2	73	0.39	0.066
1114947	Soil	0.8	27.8	11.9	54	<0.1	21.1	8.8	245	2.62	8.1	2.0	2.5	6.9	28	<0.1	0.4	0.3	59	0.33	0.041
1114939	Soil	0.9	26.4	13.2	54	<0.1	20.9	8.9	185	2.71	6.2	1.4	1.1	5.8	32	<0.1	0.4	0.2	65	0.44	0.055
1114945	Soil	0.6	25.3	12.1	52	<0.1	19.5	7.7	200	2.40	7.7	1.0	2.6	4.6	30	<0.1	0.4	0.3	55	0.37	0.044
1114887	Soil	1.8	20.1	10.0	43	<0.1	27.1	11.3	221	3.88	7.1	0.9	1.4	12.2	9	0.2	0.4	0.3	77	0.14	0.026
1114896	Soil	0.7	30.3	6.6	47	<0.1	34.2	14.7	262	3.24	4.5	0.4	<0.5	4.1	11	<0.1	0.2	0.1	83	0.26	0.052
1114899	Soil	0.7	37.1	5.1	67	<0.1	41.1	23.1	765	5.39	1.5	0.7	<0.5	3.2	25	<0.1	<0.1	0.1	134	0.90	0.217
1114946	Soil	0.7	28.1	12.9	54	<0.1	22.6	8.9	255	2.58	7.9	2.1	2.2	7.3	29	<0.1	0.4	0.3	58	0.34	0.041
1114897	Soil	1.5	21.1	21.4	55	<0.1	13.6	6.7	250	3.00	4.8	1.0	2.1	12.0	6	<0.1	0.3	0.4	74	0.14	0.051
1114894	Soil	1.1	27.5	7.3	80	<0.1	37.6	18.8	579	5.49	3.1	2.1	0.7	11.6	23	<0.1	0.8	0.2	95	0.59	0.107
1114888	Soil	1.5	12.3	10.5	37	<0.1	12.9	6.6	221	3.09	6.7	0.8	<0.5	8.7	11	<0.1	0.4	0.3	75	0.13	0.028
1114891	Soil	0.6	13.8	10.4	65	<0.1	39.2	21.4	600	4.81	2.6	0.9	<0.5	18.2	14	<0.1	0.1	0.2	97	0.50	0.128
1114889	Soil	0.9	30.9	5.9	77	<0.1	41.3	24.4	707	5.95	4.4	2.2	1.6	12.2	28	<0.1	0.2	0.1	135	0.52	0.084
1114892	Soil	1.3	15.3	12.7	58	<0.1	32.9	15.3	445	4.15	4.4	1.4	2.7	9.8	20	<0.1	0.3	0.2	75	0.48	0.070

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1115787	Soil		28	37	0.72	224	0.091	2	2.04	0.018	0.08	0.3	0.05	5.0	0.1	<0.05	8	<0.5	<0.2
1115793	Soil		34	38	0.72	238	0.116	4	2.09	0.019	0.11	0.5	0.05	5.1	0.2	<0.05	8	<0.5	<0.2
1115794	Soil		22	33	0.68	163	0.112	4	1.76	0.020	0.11	0.7	0.04	4.0	0.1	<0.05	7	<0.5	<0.2
1115789	Soil		14	31	0.57	166	0.087	2	1.72	0.017	0.06	0.5	0.05	3.1	0.1	<0.05	7	<0.5	<0.2
1115488	Soil		23	36	0.67	221	0.094	1	2.08	0.017	0.08	0.4	0.05	4.0	0.1	<0.05	8	<0.5	<0.2
1115496	Soil		55	43	0.69	177	0.083	3	1.66	0.017	0.19	2.0	0.04	6.1	0.2	<0.05	8	<0.5	<0.2
1115499	Soil		19	28	0.51	232	0.067	4	1.84	0.015	0.06	0.3	0.06	3.6	0.1	<0.05	6	<0.5	<0.2
1115495	Soil		32	41	0.79	257	0.120	2	2.28	0.018	0.14	0.7	0.05	5.0	0.2	<0.05	9	<0.5	<0.2
1115788	Soil		19	31	0.57	196	0.080	3	1.81	0.018	0.06	0.4	0.05	3.6	0.1	<0.05	7	<0.5	<0.2
1115497	Soil		25	35	0.65	224	0.108	2	1.87	0.024	0.12	0.3	0.02	4.9	0.1	<0.05	6	<0.5	<0.2
1115786	Soil		20	32	0.62	137	0.079	2	1.77	0.023	0.07	0.5	0.05	3.6	0.1	<0.05	7	<0.5	<0.2
1115498	Soil		20	31	0.55	231	0.087	2	1.74	0.018	0.10	0.3	0.03	4.3	0.1	<0.05	7	<0.5	<0.2
1115491	Soil		16	27	0.52	212	0.067	2	1.52	0.013	0.05	0.3	0.04	3.0	0.1	<0.05	6	<0.5	<0.2
1117040	Soil		26	41	0.74	285	0.111	3	2.08	0.014	0.12	0.4	0.04	6.2	0.2	<0.05	8	<0.5	<0.2
1114900	Soil		30	78	1.47	335	0.250	1	2.76	0.016	0.98	0.2	0.01	8.3	0.7	<0.05	13	<0.5	<0.2
1114937	Soil		26	64	1.17	254	0.126	1	2.30	0.018	0.36	0.2	0.03	7.9	0.2	<0.05	11	<0.5	<0.2
1114936	Soil		17	39	0.73	225	0.120	1	2.12	0.017	0.15	0.2	0.03	5.9	0.1	<0.05	7	0.7	<0.2
1114947	Soil		18	32	0.52	296	0.102	3	1.87	0.013	0.06	0.2	0.05	4.6	<0.1	<0.05	6	<0.5	<0.2
1114939	Soil		18	39	0.62	258	0.124	2	1.99	0.018	0.11	0.1	0.03	5.3	<0.1	<0.05	7	<0.5	<0.2
1114945	Soil		15	29	0.46	251	0.102	1	1.91	0.013	0.05	0.1	0.03	3.9	<0.1	<0.05	6	<0.5	<0.2
1114887	Soil		13	44	0.69	105	0.041	2	2.69	0.011	0.10	0.3	0.03	4.5	0.1	<0.05	10	<0.5	<0.2
1114896	Soil		16	74	0.84	124	0.141	2	2.15	0.018	0.07	0.2	0.02	3.6	0.1	<0.05	8	<0.5	<0.2
1114899	Soil		18	73	1.76	385	0.115	1	3.12	0.024	0.72	0.2	0.01	8.4	0.3	<0.05	12	0.6	<0.2
1114946	Soil		18	32	0.49	311	0.103	2	1.97	0.013	0.07	0.2	0.04	4.7	<0.1	<0.05	6	<0.5	<0.2
1114897	Soil		23	29	0.34	62	0.064	2	1.35	0.015	0.10	1.3	0.02	3.9	<0.1	<0.05	12	<0.5	<0.2
1114894	Soil		34	69	1.02	377	0.081	3	2.28	0.013	0.32	0.4	0.03	12.1	0.2	<0.05	9	<0.5	<0.2
1114888	Soil		19	28	0.45	121	0.075	<1	1.30	0.009	0.08	0.3	0.02	3.1	<0.1	<0.05	9	<0.5	<0.2
1114891	Soil		29	74	1.67	292	0.189	1	3.26	0.011	0.75	0.2	<0.01	7.5	0.5	<0.05	13	<0.5	<0.2
1114889	Soil		38	82	1.76	338	0.235	<1	3.21	0.017	0.54	0.2	0.02	11.3	0.4	<0.05	15	<0.5	<0.2
1114892	Soil		23	54	0.79	259	0.056	<1	1.87	0.010	0.11	0.2	0.01	6.7	0.1	<0.05	7	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
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Project: ECH
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS DAW11000086.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1114893	Soil	1.2	25.3	11.4	76	<0.1	33.7	17.4	609	5.14	5.1	2.4	2.1	11.3	23	<0.1	0.8	0.2	79	0.60	0.135
1114895	Soil	0.7	6.7	5.8	83	<0.1	43.3	15.1	406	4.68	3.4	0.5	<0.5	1.7	12	<0.1	0.2	0.2	111	0.63	0.141
1114938	Soil	0.8	33.3	15.3	62	0.1	27.0	11.7	311	3.03	7.6	2.2	3.5	4.8	38	0.1	0.5	0.2	71	0.53	0.060
1114940	Soil	1.1	30.0	14.2	59	<0.1	23.5	9.6	290	2.84	8.3	1.1	1.5	5.7	32	<0.1	0.5	0.2	62	0.42	0.049
1114898	Soil	1.0	32.0	7.8	84	<0.1	34.6	20.1	640	4.89	3.9	1.4	1.7	6.4	19	<0.1	0.2	0.1	107	0.55	0.102
1114944	Soil	0.4	24.8	10.7	53	0.1	18.4	6.8	164	2.24	7.2	1.4	3.6	2.7	36	0.2	0.4	0.2	48	0.46	0.062
1114941	Soil	1.2	28.5	22.2	61	<0.1	24.6	8.5	228	2.65	7.9	1.3	2.3	6.5	31	<0.1	0.5	0.3	58	0.41	0.051
1114942	Soil	0.7	33.4	17.4	62	<0.1	27.4	10.4	283	2.86	7.6	1.2	4.8	6.6	35	<0.1	0.5	0.2	66	0.47	0.051
1114890	Soil	1.1	11.5	11.1	51	<0.1	20.6	12.2	448	4.03	5.6	0.6	2.7	5.0	9	<0.1	0.3	0.2	101	0.20	0.090
1114886	Soil	0.5	5.7	4.7	12	<0.1	3.8	2.4	59	1.04	1.9	0.3	<0.5	1.7	8	<0.1	<0.1	<0.1	30	0.07	0.014
1114943	Soil	0.9	28.6	12.4	67	0.1	23.2	10.0	297	2.69	8.1	1.1	2.6	5.2	38	0.2	0.6	0.2	58	0.52	0.055
1114607	Soil	0.6	22.4	8.6	52	<0.1	22.5	9.0	224	2.56	5.5	1.6	2.8	4.8	22	<0.1	0.3	0.2	61	0.30	0.048
1114623	Soil	0.9	23.9	10.2	59	<0.1	25.7	11.0	365	3.49	8.1	2.5	2.0	15.4	13	<0.1	0.4	0.4	78	0.15	0.041
1114609	Soil	1.4	27.2	11.0	118	<0.1	19.8	18.7	587	8.00	4.0	4.3	<0.5	27.5	11	<0.1	0.2	0.8	154	0.18	0.036
1114608	Soil	0.8	25.3	9.8	61	<0.1	26.3	12.1	332	3.10	8.1	1.3	1.9	13.0	19	0.1	0.4	0.2	68	0.27	0.052
1114606	Soil	0.9	28.5	19.8	42	<0.1	31.4	15.4	341	3.54	6.1	0.4	<0.5	2.2	10	0.1	0.4	0.3	93	0.22	0.040
1114612	Soil	1.2	13.1	10.4	36	<0.1	11.5	5.4	208	2.51	7.3	0.5	<0.5	5.0	11	0.1	0.4	0.2	72	0.09	0.022
1114613	Soil	1.0	21.3	9.5	51	<0.1	24.0	11.2	298	2.94	10.4	0.9	<0.5	9.0	20	0.1	0.5	0.2	62	0.22	0.041
1114615	Soil	0.6	56.1	7.4	180	<0.1	16.3	19.1	690	7.64	2.7	2.3	<0.5	12.1	9	0.1	0.2	1.3	189	0.45	0.085
1114605	Soil	1.1	28.1	14.3	62	<0.1	19.4	10.7	351	3.79	7.7	1.8	1.8	17.2	17	0.2	0.4	0.3	89	0.22	0.052
1114621	Soil	1.2	12.6	12.2	40	<0.1	11.9	6.4	296	3.61	8.6	0.6	1.7	6.3	12	0.1	0.5	0.2	71	0.10	0.029
1114610	Soil	0.8	13.8	10.7	39	<0.1	18.3	9.2	264	3.48	9.4	0.9	2.5	15.2	14	0.2	0.5	0.2	65	0.15	0.037
1114617	Soil	1.2	18.1	10.0	76	<0.1	30.5	13.0	462	4.49	4.9	1.2	1.2	13.7	9	<0.1	0.4	0.8	112	0.12	0.029
1114611	Soil	0.7	10.7	11.1	30	<0.1	10.9	5.1	163	2.80	7.8	0.7	1.9	9.7	12	<0.1	0.4	0.2	71	0.10	0.028
1114600	Soil	0.9	19.9	7.2	46	<0.1	17.4	8.2	290	2.44	4.6	1.5	1.5	19.0	18	0.1	0.4	0.2	54	0.27	0.028
1114601	Soil	0.7	21.7	11.0	55	<0.1	22.0	9.0	315	2.72	7.0	1.5	1.2	18.2	21	<0.1	0.5	0.2	61	0.25	0.043
1114625	Soil	1.0	27.4	13.4	63	<0.1	23.9	13.9	465	3.31	8.2	1.8	2.6	15.5	16	0.2	0.4	0.6	71	0.18	0.047
1114628	Soil	1.2	22.4	13.2	57	<0.1	22.1	11.1	227	3.64	8.6	0.6	3.0	4.4	10	0.1	0.5	0.3	83	0.13	0.034
1114602	Soil	0.6	23.9	7.7	65	<0.1	28.6	13.1	442	3.22	5.5	1.8	3.3	16.7	22	<0.1	0.4	0.2	75	0.29	0.051
1114618	Soil	0.8	21.9	10.7	70	<0.1	23.3	14.4	567	3.22	6.6	1.6	5.4	10.7	19	0.1	0.3	0.4	74	0.26	0.070

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Project: ECH
Report Date: August 10, 2011

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1114893	Soil	36	41	0.76	395	0.100	<1	1.88	0.010	0.37	0.4	0.03	9.6	0.3	<0.05	7	0.6	<0.2
1114895	Soil	8	144	2.37	244	0.240	1	3.34	0.052	0.76	0.5	0.01	6.7	0.2	<0.05	13	<0.5	<0.2
1114938	Soil	17	38	0.63	302	0.124	1	2.09	0.022	0.07	0.2	0.04	5.2	0.1	<0.05	7	<0.5	<0.2
1114940	Soil	17	35	0.54	270	0.099	2	1.94	0.018	0.07	0.1	0.04	5.0	<0.1	<0.05	6	<0.5	<0.2
1114898	Soil	37	61	0.98	200	0.135	<1	2.10	0.031	0.34	0.3	0.01	8.1	0.2	<0.05	11	<0.5	<0.2
1114944	Soil	13	25	0.40	261	0.071	<1	1.62	0.017	0.04	0.1	0.05	3.4	<0.1	<0.05	5	0.6	<0.2
1114941	Soil	17	34	0.46	268	0.086	1	1.74	0.016	0.09	0.2	0.04	4.4	<0.1	<0.05	6	<0.5	<0.2
1114942	Soil	19	38	0.59	306	0.113	2	1.96	0.022	0.13	0.2	0.04	5.7	0.1	<0.05	6	<0.5	<0.2
1114890	Soil	10	50	1.12	140	0.230	<1	2.12	0.008	0.33	0.1	0.02	3.7	0.2	<0.05	12	<0.5	<0.2
1114886	Soil	6	8	0.10	59	0.041	<1	0.60	0.018	0.03	<0.1	0.01	1.0	<0.1	<0.05	4	<0.5	<0.2
1114943	Soil	16	30	0.55	285	0.096	<1	1.77	0.022	0.08	0.3	0.03	4.3	<0.1	<0.05	6	<0.5	<0.2
1114607	Soil	29	35	0.61	222	0.073	1	1.83	0.012	0.05	0.1	0.04	4.3	0.1	<0.05	6	<0.5	<0.2
1114623	Soil	54	39	0.68	164	0.082	1	2.43	0.011	0.09	0.2	0.03	4.3	0.1	<0.05	9	<0.5	<0.2
1114609	Soil	19	36	1.18	418	0.213	<1	3.33	0.010	0.42	0.1	<0.01	10.8	0.5	<0.05	22	<0.5	<0.2
1114608	Soil	34	39	0.65	193	0.077	1	2.23	0.011	0.08	0.1	0.02	5.2	0.1	<0.05	6	<0.5	<0.2
1114606	Soil	6	79	1.10	130	0.194	1	2.51	0.014	0.08	0.2	0.01	3.7	0.1	<0.05	8	0.7	<0.2
1114612	Soil	10	21	0.25	136	0.068	<1	1.64	0.009	0.04	<0.1	<0.01	1.9	<0.1	<0.05	7	<0.5	<0.2
1114613	Soil	16	35	0.54	251	0.080	1	2.27	0.015	0.06	0.2	0.01	4.2	0.1	<0.05	5	<0.5	<0.2
1114615	Soil	37	26	2.26	95	0.338	<1	4.18	0.021	0.71	0.2	0.02	10.7	1.1	<0.05	20	<0.5	<0.2
1114605	Soil	37	31	0.67	195	0.126	1	2.55	0.014	0.20	0.1	0.03	4.8	0.2	<0.05	10	<0.5	<0.2
1114621	Soil	11	27	0.33	84	0.083	1	1.98	0.007	0.05	0.2	0.04	2.2	0.1	<0.05	8	0.6	<0.2
1114610	Soil	13	41	0.51	134	0.078	<1	3.36	0.010	0.06	0.3	0.05	4.0	0.1	<0.05	7	0.5	<0.2
1114617	Soil	23	78	1.16	130	0.172	<1	2.90	0.008	0.33	0.1	0.02	5.7	0.4	<0.05	16	0.5	<0.2
1114611	Soil	16	25	0.29	112	0.076	<1	2.03	0.009	0.05	0.1	0.04	2.6	0.1	<0.05	8	<0.5	<0.2
1114600	Soil	59	29	0.54	150	0.100	<1	1.50	0.025	0.10	0.2	0.03	3.9	0.1	<0.05	6	<0.5	<0.2
1114601	Soil	52	32	0.62	211	0.084	<1	1.87	0.011	0.09	0.2	0.04	3.8	0.1	<0.05	6	<0.5	<0.2
1114625	Soil	21	37	0.62	159	0.087	3	2.39	0.010	0.07	0.4	0.02	3.8	0.1	<0.05	7	<0.5	<0.2
1114628	Soil	8	36	0.62	134	0.093	2	2.51	0.009	0.07	0.2	0.02	3.1	0.1	<0.05	9	<0.5	<0.2
1114602	Soil	53	50	1.07	306	0.147	2	1.98	0.012	0.25	0.2	0.02	5.5	0.3	<0.05	8	<0.5	<0.2
1114618	Soil	30	43	0.78	147	0.104	3	2.05	0.010	0.12	0.2	0.02	4.4	0.2	<0.05	8	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1114631	Soil	0.9	18.7	16.2	68	<0.1	24.7	11.7	505	3.70	5.9	0.8	2.1	5.5	12	0.1	0.3	0.3	86	0.18	0.054
1114604	Soil	1.6	17.8	11.3	48	<0.1	19.4	9.0	275	2.82	8.0	1.5	4.7	23.6	12	0.2	0.5	0.4	65	0.12	0.032
1114624	Soil	0.9	21.5	10.3	49	<0.1	21.5	11.1	334	3.28	7.1	1.0	1.5	6.8	14	0.1	0.4	0.3	73	0.15	0.036
1114616	Soil	1.1	16.0	9.7	31	<0.1	12.1	5.3	153	2.85	4.6	0.6	1.8	4.3	9	<0.1	0.5	0.3	103	0.09	0.022
1114620	Soil	0.6	23.9	10.3	60	<0.1	25.3	11.9	312	2.90	6.4	1.2	3.8	6.6	21	0.1	0.4	0.3	68	0.30	0.054
1114626	Soil	0.6	29.1	7.9	76	<0.1	29.3	17.4	508	3.76	4.1	1.9	1.5	8.8	17	<0.1	0.3	0.2	83	0.42	0.107
1114619	Soil	0.5	6.7	4.8	17	<0.1	4.5	1.9	64	0.84	1.1	0.6	2.0	0.4	7	<0.1	0.1	0.2	25	0.06	0.020
1114629	Soil	1.4	16.6	13.2	59	<0.1	16.9	8.6	222	3.76	6.5	1.1	1.2	9.2	12	0.2	0.6	0.2	96	0.11	0.027
1114603	Soil	1.0	22.8	9.4	54	<0.1	23.3	11.5	392	2.96	6.0	1.6	2.8	13.9	22	<0.1	0.4	0.2	68	0.27	0.043
1114627	Soil	0.7	25.3	7.5	68	<0.1	25.9	16.0	459	3.45	3.5	1.5	1.3	7.7	15	<0.1	0.3	0.2	78	0.38	0.105
1114630	Soil	0.9	14.2	9.1	34	<0.1	13.2	5.9	135	2.16	5.9	0.5	1.1	5.6	15	<0.1	0.4	0.1	55	0.10	0.015
1114622	Soil	0.7	16.5	10.9	53	<0.1	16.9	8.2	243	3.24	6.8	1.0	1.8	6.7	14	0.1	0.4	0.3	77	0.24	0.060
1114614	Soil	1.3	19.0	11.6	68	<0.1	18.5	15.5	423	4.89	5.7	0.8	1.2	6.3	11	0.1	0.4	0.2	142	0.20	0.044

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1114631	Soil	20	57	0.87	81	0.100	2	1.80	0.010	0.15	0.2	0.02	4.5	0.2	<0.05	9	<0.5	<0.2
1114604	Soil	27	30	0.44	127	0.080	2	2.31	0.010	0.06	0.1	0.03	3.6	0.1	<0.05	7	<0.5	<0.2
1114624	Soil	21	35	0.54	137	0.088	2	2.27	0.012	0.07	0.3	0.02	3.6	0.1	<0.05	8	<0.5	<0.2
1114616	Soil	9	36	0.29	67	0.162	<1	1.35	0.011	0.05	0.2	0.01	2.4	0.1	<0.05	11	<0.5	<0.2
1114620	Soil	26	38	0.71	189	0.085	2	2.05	0.010	0.10	0.2	0.02	3.9	0.2	<0.05	7	<0.5	<0.2
1114626	Soil	22	42	1.11	166	0.185	2	2.16	0.015	0.44	0.4	<0.01	4.1	0.4	<0.05	9	<0.5	<0.2
1114619	Soil	8	9	0.11	33	0.043	<1	0.50	0.013	0.03	<0.1	0.02	0.8	<0.1	<0.05	3	<0.5	<0.2
1114629	Soil	14	30	0.36	120	0.109	<1	2.78	0.011	0.04	0.2	0.01	3.9	0.2	<0.05	11	<0.5	<0.2
1114603	Soil	42	35	0.69	196	0.110	2	2.02	0.012	0.11	0.1	0.03	5.2	0.1	<0.05	7	<0.5	<0.2
1114627	Soil	19	38	1.02	143	0.179	1	2.00	0.016	0.41	0.4	0.01	3.8	0.3	<0.05	9	<0.5	<0.2
1114630	Soil	7	19	0.24	112	0.055	<1	1.51	0.013	0.03	<0.1	0.02	1.8	<0.1	<0.05	6	<0.5	<0.2
1114622	Soil	15	27	0.61	83	0.141	2	1.78	0.009	0.13	0.2	0.03	3.1	0.2	<0.05	9	<0.5	<0.2
1114614	Soil	10	33	0.88	116	0.223	1	2.72	0.011	0.07	0.3	0.02	5.6	0.1	<0.05	13	<0.5	<0.2

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

Project: ECH
Report Date: August 10, 2011

QUALITY CONTROL REPORT DAW11000086.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1117007	Soil	0.9	20.7	11.2	72	<0.1	22.9	11.8	380	3.71	7.0	1.5	5.0	5.2	18	<0.1	0.4	0.4	70	0.29	0.073
REP 1117007	QC	1.0	18.9	11.1	71	<0.1	21.8	11.4	380	3.66	7.2	1.5	1.8	4.9	18	0.1	0.4	0.4	72	0.29	0.073
1117022	Soil	0.9	51.9	14.0	65	<0.1	36.0	17.4	546	4.55	3.8	1.0	<0.5	14.9	8	<0.1	0.2	0.5	73	0.18	0.079
REP 1117022	QC	0.9	52.4	13.9	69	<0.1	34.4	17.9	574	4.74	3.9	1.1	<0.5	15.9	9	<0.1	0.2	0.5	76	0.18	0.078
1115453	Soil	1.1	27.4	7.6	55	<0.1	46.9	20.8	500	5.32	3.3	0.9	0.8	8.4	17	<0.1	0.2	0.2	94	0.25	0.042
REP 1115453	QC	1.1	27.2	7.5	55	<0.1	44.4	20.6	497	5.07	3.6	0.9	<0.5	8.1	16	<0.1	0.2	0.2	91	0.26	0.041
1113111	Soil	0.9	20.6	11.2	69	<0.1	21.5	11.0	435	3.25	5.8	1.5	1.5	7.6	22	0.1	0.3	0.3	59	0.40	0.099
REP 1113111	QC	0.7	20.0	10.6	72	<0.1	21.3	11.1	431	3.20	5.5	1.4	2.5	7.5	22	0.1	0.3	0.3	59	0.41	0.095
1113130	Soil	0.7	17.0	12.0	72	0.1	19.2	9.8	294	3.10	8.1	1.6	2.7	6.4	17	0.1	0.5	0.4	65	0.27	0.073
REP 1113130	QC	0.7	16.7	12.5	73	0.1	19.4	9.6	282	2.99	8.2	1.6	8.3	6.6	17	0.1	0.4	0.5	61	0.26	0.071
1113460	Soil	0.9	28.3	10.1	50	<0.1	26.7	11.8	332	3.10	9.5	1.1	1.6	12.2	24	<0.1	0.6	0.2	76	0.21	0.024
REP 1113460	QC	0.9	27.8	9.5	48	<0.1	26.6	11.5	323	3.06	9.6	1.1	2.7	11.5	23	<0.1	0.6	0.2	72	0.21	0.022
1113476	Soil	1.2	22.0	10.9	65	<0.1	55.0	21.2	544	5.20	5.8	1.0	7.3	7.4	14	<0.1	0.3	0.3	102	0.15	0.055
REP 1113476	QC	1.1	21.0	11.0	63	<0.1	52.0	21.7	531	5.20	5.5	0.9	4.0	7.0	13	<0.1	0.3	0.2	100	0.15	0.052
1114230	Soil	1.2	18.5	8.4	57	<0.1	21.2	10.6	428	3.15	4.3	1.2	<0.5	5.0	19	0.2	0.3	0.2	72	0.29	0.061
REP 1114230	QC	1.2	18.4	8.3	58	0.1	21.6	10.6	423	3.08	4.6	1.2	2.8	4.8	19	0.2	0.3	0.2	71	0.29	0.062
1114201	Soil	1.5	26.0	15.2	78	0.1	25.7	13.9	504	3.69	5.7	5.2	3.7	7.2	16	0.1	0.7	0.4	79	0.23	0.076
REP 1114201	QC	1.5	25.8	15.5	78	0.1	24.6	14.4	515	3.82	6.2	5.0	3.5	7.2	16	0.1	0.8	0.4	81	0.22	0.074
1115169	Soil	0.6	20.5	7.9	62	<0.1	23.2	10.5	310	2.80	6.1	1.4	0.9	5.4	22	0.3	0.4	0.5	61	0.38	0.089
REP 1115169	QC	0.7	20.7	7.6	63	<0.1	20.3	9.7	300	2.79	5.8	1.2	2.4	5.2	21	0.2	0.4	0.5	60	0.38	0.085
1115154	Soil	0.7	19.4	11.1	66	<0.1	20.8	9.6	338	2.88	6.9	1.2	2.7	3.9	19	0.2	0.4	0.3	64	0.27	0.067
REP 1115154	QC	0.9	19.5	12.0	67	<0.1	20.7	10.0	332	2.93	6.9	1.2	2.2	3.9	20	0.2	0.4	0.4	62	0.27	0.069
1114148	Soil	0.6	15.8	12.0	67	<0.1	18.3	8.8	208	2.89	5.4	1.7	3.7	6.5	21	0.1	0.4	0.4	67	0.28	0.068
REP 1114148	QC	0.7	16.1	11.3	68	0.1	18.2	8.6	201	2.88	5.6	1.6	2.8	6.4	20	0.2	0.3	0.3	66	0.28	0.065
1114238	Soil	0.6	17.6	9.9	65	0.1	18.5	9.0	255	2.79	7.5	1.4	4.0	6.5	20	0.2	0.4	0.4	55	0.27	0.072
REP 1114238	QC	0.6	17.4	10.1	65	0.1	18.5	8.7	261	2.70	7.2	1.4	3.3	6.4	19	0.1	0.4	0.3	54	0.28	0.076
1115796	Soil	1.0	14.1	9.0	63	<0.1	17.6	10.7	317	2.70	5.3	2.2	2.6	7.6	22	0.2	0.3	0.3	60	0.34	0.074
REP 1115796	QC	1.0	13.9	8.5	64	0.1	17.4	10.3	311	2.68	5.3	2.2	3.7	7.2	23	0.1	0.2	0.3	59	0.34	0.072

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Project: ECH
Report Date: August 10, 2011

QUALITY CONTROL REPORT DAW11000086.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1117007	Soil	19	40	0.77	171	0.129	2	2.35	0.012	0.21	0.1	0.04	5.0	0.4	<0.05	8	1.0	<0.2
REP 1117007	QC	20	39	0.73	168	0.132	2	2.34	0.013	0.21	0.2	0.02	5.0	0.3	<0.05	8	0.9	<0.2
1117022	Soil	38	71	1.42	160	0.112	2	3.14	0.006	0.30	<0.1	0.04	9.1	0.3	<0.05	16	<0.5	<0.2
REP 1117022	QC	38	71	1.43	160	0.114	1	3.26	0.007	0.31	<0.1	0.03	8.7	0.3	<0.05	16	<0.5	<0.2
1115453	Soil	45	103	1.41	192	0.087	<1	3.16	0.013	0.12	0.2	0.02	7.4	0.2	<0.05	11	0.8	<0.2
REP 1115453	QC	44	103	1.41	193	0.089	<1	3.12	0.013	0.12	0.2	0.02	7.2	0.2	<0.05	11	0.9	<0.2
1113111	Soil	24	33	0.63	183	0.118	1	1.88	0.015	0.21	0.3	0.02	4.6	0.2	<0.05	7	0.8	<0.2
REP 1113111	QC	23	33	0.63	182	0.118	<1	1.90	0.014	0.21	0.2	0.02	4.3	0.2	<0.05	6	1.1	<0.2
1113130	Soil	20	34	0.56	207	0.093	2	2.31	0.010	0.10	0.2	0.06	4.4	0.3	0.07	7	0.6	<0.2
REP 1113130	QC	19	32	0.58	209	0.088	1	2.38	0.010	0.09	0.2	0.06	4.3	0.2	0.07	7	0.9	<0.2
1113460	Soil	13	40	0.61	239	0.098	<1	2.80	0.015	0.05	0.1	0.02	3.8	0.1	<0.05	7	0.5	<0.2
REP 1113460	QC	13	39	0.62	230	0.099	<1	2.77	0.018	0.05	0.2	0.03	3.9	0.1	<0.05	7	<0.5	<0.2
1113476	Soil	11	117	1.72	109	0.056	2	2.97	0.006	0.09	0.1	0.01	5.8	0.1	<0.05	12	<0.5	<0.2
REP 1113476	QC	11	114	1.69	109	0.053	<1	2.95	0.006	0.09	0.2	0.01	5.8	0.1	<0.05	11	<0.5	<0.2
1114230	Soil	24	37	0.63	233	0.085	2	1.87	0.016	0.14	0.2	0.03	5.4	0.2	<0.05	7	<0.5	<0.2
REP 1114230	QC	24	37	0.64	233	0.087	<1	1.90	0.011	0.14	0.1	0.04	5.5	0.2	<0.05	7	<0.5	<0.2
1114201	Soil	38	46	0.60	244	0.054	3	2.31	0.012	0.11	0.2	0.06	6.1	0.4	0.10	8	1.0	<0.2
REP 1114201	QC	38	46	0.60	242	0.053	2	2.24	0.012	0.11	0.1	0.06	6.2	0.3	<0.05	8	<0.5	<0.2
1115169	Soil	18	33	0.57	203	0.118	<1	1.79	0.015	0.15	0.2	0.03	4.2	0.2	<0.05	5	0.6	<0.2
REP 1115169	QC	17	32	0.55	196	0.112	<1	1.68	0.014	0.14	0.2	0.02	3.9	0.2	<0.05	5	0.7	<0.2
1115154	Soil	13	34	0.61	161	0.103	<1	2.06	0.013	0.11	0.3	0.02	3.6	0.2	<0.05	7	<0.5	<0.2
REP 1115154	QC	14	34	0.63	165	0.103	2	2.22	0.013	0.11	0.3	0.03	3.5	0.2	<0.05	7	<0.5	<0.2
1114148	Soil	17	34	0.59	196	0.109	<1	2.43	0.014	0.11	0.2	0.05	4.7	0.2	<0.05	8	<0.5	<0.2
REP 1114148	QC	17	33	0.56	203	0.107	<1	2.27	0.012	0.11	0.2	0.04	4.6	0.2	<0.05	8	<0.5	<0.2
1114238	Soil	19	29	0.49	209	0.084	3	1.85	0.014	0.08	0.2	0.05	4.1	0.2	<0.05	6	0.6	<0.2
REP 1114238	QC	18	28	0.50	207	0.081	3	1.92	0.011	0.08	0.2	0.06	4.0	0.2	<0.05	6	<0.5	<0.2
1115796	Soil	25	31	0.65	201	0.082	2	1.84	0.016	0.09	0.3	0.06	4.1	0.2	<0.05	7	<0.5	<0.2
REP 1115796	QC	23	33	0.64	186	0.083	4	1.76	0.017	0.09	0.3	0.06	4.0	0.1	<0.05	7	<0.5	<0.2

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Project: ECH
Report Date: August 10, 2011

QUALITY CONTROL REPORT DAW11000086.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1114899	Soil	0.7	37.1	5.1	67	<0.1	41.1	23.1	765	5.39	1.5	0.7	<0.5	3.2	25	<0.1	<0.1	0.1	134	0.90	0.217
REP 1114899	QC	0.6	38.2	5.1	66	<0.1	42.8	24.4	775	5.50	1.9	0.7	0.6	3.2	26	<0.1	<0.1	0.1	136	0.96	0.221
1114609	Soil	1.4	27.2	11.0	118	<0.1	19.8	18.7	587	8.00	4.0	4.3	<0.5	27.5	11	<0.1	0.2	0.8	154	0.18	0.036
REP 1114609	QC	1.3	27.8	11.0	117	<0.1	18.4	18.8	591	8.12	4.2	4.4	0.8	27.7	11	0.1	0.2	0.9	154	0.18	0.037
1114618	Soil	0.8	21.9	10.7	70	<0.1	23.3	14.4	567	3.22	6.6	1.6	5.4	10.7	19	0.1	0.3	0.4	74	0.26	0.070
REP 1114618	QC	0.9	21.4	10.8	69	<0.1	22.7	14.3	564	3.26	6.5	1.6	2.6	10.6	19	0.1	0.4	0.4	74	0.28	0.068
Reference Materials																					
STD DS8	Standard	12.3	105.2	126.4	300	1.8	38.0	7.3	594	2.62	24.9	2.6	112.0	6.7	60	2.2	5.1	6.0	40	0.67	0.079
STD DS8	Standard	12.8	112.9	118.2	306	1.8	37.5	7.5	605	2.41	26.0	2.8	132.2	7.1	72	2.2	5.1	5.7	43	0.70	0.079
STD DS8	Standard	12.4	109.3	121.6	304	1.7	37.8	7.5	600	2.42	25.9	2.8	105.0	6.9	66	2.4	5.6	6.4	42	0.67	0.081
STD DS8	Standard	12.4	112.0	126.6	329	1.9	40.1	7.8	622	2.49	27.0	2.8	109.1	6.8	69	2.4	5.9	6.4	44	0.74	0.078
STD DS8	Standard	13.5	110.7	127.6	315	1.8	39.0	7.7	611	2.44	24.7	2.8	109.0	7.1	68	2.2	5.1	6.3	43	0.73	0.075
STD DS8	Standard	14.0	111.9	123.1	314	1.9	37.3	7.5	606	2.50	29.3	2.9	117.7	7.0	75	2.1	5.7	6.2	46	0.74	0.079
STD DS8	Standard	13.7	99.6	127.7	301	1.8	36.2	7.2	606	2.37	25.2	2.7	115.0	6.7	70	2.3	5.5	6.6	40	0.67	0.077
STD DS8	Standard	13.5	110.6	128.6	309	1.8	40.0	7.7	605	2.46	25.8	2.7	121.3	6.6	61	2.4	5.2	6.7	42	0.65	0.077
STD DS8	Standard	13.0	107.1	123.3	314	1.7	38.5	7.3	588	2.40	25.1	2.6	106.8	6.6	61	2.1	5.1	6.5	42	0.65	0.073
STD DS8	Standard	14.4	111.8	118.9	304	1.7	39.8	8.2	624	2.52	24.7	2.6	124.5	6.6	64	2.4	5.2	6.0	45	0.75	0.079
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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

Project: ECH
Report Date: August 10, 2011

QUALITY CONTROL REPORT DAW11000086.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1114899	Soil	18	73	1.76	385	0.115	1	3.12	0.024	0.72	0.2	0.01	8.4	0.3	<0.05	12	0.6	<0.2
REP 1114899	QC	18	75	1.78	382	0.127	1	3.19	0.026	0.73	0.2	0.01	8.6	0.3	<0.05	12	0.6	<0.2
1114609	Soil	19	36	1.18	418	0.213	<1	3.33	0.010	0.42	0.1	<0.01	10.8	0.5	<0.05	22	<0.5	<0.2
REP 1114609	QC	19	35	1.18	420	0.213	<1	3.26	0.010	0.43	0.1	0.02	10.7	0.5	<0.05	21	<0.5	<0.2
1114618	Soil	30	43	0.78	147	0.104	3	2.05	0.010	0.12	0.2	0.02	4.4	0.2	<0.05	8	<0.5	<0.2
REP 1114618	QC	31	43	0.77	146	0.107	2	2.02	0.010	0.12	0.2	0.03	4.5	0.2	<0.05	8	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	14	110	0.60	277	0.110	2	0.94	0.105	0.45	3.0	0.21	1.8	5.3	0.09	4	5.6	4.3
STD DS8	Standard	14	118	0.60	256	0.119	<1	0.94	0.098	0.44	2.8	0.20	2.8	5.1	0.16	5	5.4	4.7
STD DS8	Standard	14	119	0.59	274	0.115	4	0.89	0.096	0.43	2.9	0.21	2.4	5.4	0.17	4	5.3	4.7
STD DS8	Standard	14	123	0.62	290	0.107	4	0.95	0.114	0.47	3.0	0.20	2.9	5.4	0.18	5	6.0	5.7
STD DS8	Standard	16	119	0.62	281	0.125	3	0.97	0.101	0.42	3.0	0.20	2.8	5.3	0.14	5	6.0	5.1
STD DS8	Standard	16	117	0.62	292	0.123	3	0.98	0.085	0.46	2.9	0.23	2.6	5.4	0.08	5	6.2	5.8
STD DS8	Standard	15	112	0.62	305	0.108	2	0.94	0.113	0.46	3.0	0.20	2.3	5.3	0.12	5	5.4	5.0
STD DS8	Standard	14	118	0.59	267	0.111	2	0.88	0.078	0.41	2.9	0.21	2.1	5.5	0.16	5	4.8	5.6
STD DS8	Standard	14	115	0.59	265	0.113	3	0.87	0.072	0.39	2.9	0.19	2.1	5.3	0.18	5	4.8	5.2
STD DS8	Standard	16	120	0.60	285	0.123	3	0.95	0.084	0.42	2.9	0.21	2.1	5.4	0.19	5	5.7	5.0
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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1020 Cordova St. East Vancouver BC V6A 4A3 Canada

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

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: July 27, 2011
Report Date: August 13, 2011
Page: 1 of 13

CERTIFICATE OF ANALYSIS DAW11000087.1

CLIENT JOB INFORMATION

Project: ECH
Shipment ID: ECH2011-14
P.O. Number
Number of Samples: 338

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	338	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	338	Dry at 60C			WHI
1DX2	338	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Vancouver BC V6C 1H2 Canada

Project: ECH
Report Date: August 13, 2011

CERTIFICATE OF ANALYSIS DAW11000087.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1116867	Soil		0.5	11.0	6.5	41	<0.1	12.7	7.0	244	1.90	4.2	2.6	5.2	6.2	12	<0.1	0.3	0.2	44	0.19	0.052
1116868	Soil		0.7	12.5	8.1	52	<0.1	15.3	8.7	333	2.30	4.6	2.0	3.8	6.2	13	0.2	0.3	0.2	54	0.23	0.048
1116864	Soil		0.6	18.0	8.5	49	<0.1	17.5	9.0	337	2.27	6.1	3.2	3.8	5.3	17	0.2	0.3	0.1	55	0.28	0.054
1116863	Soil		1.0	20.3	16.1	72	0.1	20.7	11.9	679	3.04	10.3	4.7	5.0	2.2	27	0.2	0.6	0.3	76	0.32	0.057
1116862	Soil		0.9	16.3	14.0	63	<0.1	20.5	10.4	374	2.97	7.4	2.9	4.1	4.5	20	0.2	0.5	0.3	74	0.24	0.036
1116861	Soil		0.6	13.6	10.1	52	<0.1	15.4	8.7	391	2.46	6.6	2.2	3.0	4.3	18	0.2	0.6	0.2	60	0.27	0.048
1116860	Soil		0.8	17.4	14.5	64	<0.1	20.6	10.2	466	2.72	7.0	3.2	5.1	4.4	23	0.2	0.5	0.3	65	0.32	0.063
1117101	Soil		0.8	26.3	11.9	87	<0.1	31.9	14.3	375	4.35	4.1	2.7	3.6	15.6	24	<0.1	0.2	0.2	90	0.36	0.072
1117102	Soil		0.7	42.0	18.5	84	<0.1	34.4	14.4	456	4.68	6.7	3.7	1.2	20.0	24	<0.1	0.2	0.4	61	0.33	0.074
1117103	Soil		0.6	42.3	21.7	90	<0.1	36.4	15.5	459	4.77	5.9	3.6	1.0	20.3	25	<0.1	0.1	0.4	69	0.36	0.076
1117104	Soil		0.8	36.9	15.4	87	0.1	36.3	18.0	614	4.65	3.8	4.0	2.6	21.5	27	0.2	0.4	0.3	100	0.47	0.086
1117105	Soil		0.6	41.4	15.6	67	<0.1	35.0	16.0	330	4.29	6.3	3.0	1.4	17.3	21	<0.1	0.3	0.3	70	0.29	0.039
1117106	Soil		0.5	26.8	11.3	72	<0.1	31.6	13.5	392	4.11	3.7	2.3	2.6	14.5	24	<0.1	0.2	0.2	72	0.40	0.059
1117107	Soil		0.6	34.6	13.5	78	<0.1	38.8	16.4	292	4.01	6.3	2.4	2.1	19.1	15	<0.1	0.2	0.3	53	0.20	0.025
1117108	Soil		0.6	31.1	14.6	92	<0.1	41.4	17.0	434	4.54	10.5	2.3	1.0	18.8	21	<0.1	0.1	0.4	73	0.37	0.065
1117109	Soil		1.2	39.8	31.1	108	<0.1	39.0	18.3	500	4.98	8.1	3.6	2.4	25.9	22	<0.1	0.7	0.5	49	0.31	0.056
1117110	Soil		1.1	40.8	27.0	107	<0.1	38.9	17.3	557	5.18	6.5	3.6	<0.5	25.0	21	<0.1	0.5	0.4	54	0.32	0.094
1117111	Soil		0.7	15.6	11.9	43	<0.1	17.6	8.1	195	2.43	4.8	4.0	<0.5	8.1	20	<0.1	0.3	0.2	46	0.26	0.034
1117112	Soil		1.2	40.8	20.6	71	<0.1	34.4	13.3	321	4.24	3.0	3.0	1.0	20.3	27	<0.1	0.3	0.2	66	0.33	0.043
1117114	Soil		1.3	28.7	14.8	75	<0.1	31.7	13.4	436	4.07	2.8	1.2	1.2	16.4	18	<0.1	0.3	0.2	52	0.23	0.041
1117115	Soil		0.7	33.1	17.3	71	<0.1	32.9	13.3	431	3.85	2.7	2.3	0.6	21.0	20	<0.1	0.3	0.2	58	0.31	0.039
1117119	Soil		0.6	30.1	13.3	58	<0.1	30.3	11.9	373	3.37	7.6	1.7	7.0	14.2	27	<0.1	2.4	2.2	53	0.40	0.050
1117120	Soil		0.8	24.6	16.1	67	<0.1	28.7	12.2	269	3.63	4.4	1.2	2.2	12.4	20	<0.1	0.3	0.2	53	0.26	0.033
1117117	Soil		0.8	29.9	13.9	76	<0.1	32.7	12.8	258	3.87	4.2	1.8	<0.5	16.3	17	<0.1	0.3	0.1	49	0.20	0.026
1117118	Soil		0.8	32.3	13.5	80	<0.1	33.9	13.1	213	3.89	4.2	1.7	<0.5	13.6	18	<0.1	0.3	0.2	43	0.12	0.021
1117121	Soil		1.0	28.9	25.8	81	<0.1	27.4	14.5	587	4.15	3.8	2.8	<0.5	24.1	16	0.1	2.6	0.3	32	0.33	0.069
1117124	Soil		4.0	63.1	17.5	96	<0.1	54.4	22.2	658	3.87	8.3	2.2	2.9	18.5	19	0.1	0.4	0.5	85	0.36	0.052
1117126	Soil		6.2	58.5	25.4	120	<0.1	56.2	22.6	845	4.97	14.3	3.5	3.4	20.1	20	0.2	1.2	0.5	67	0.32	0.051
1117127	Soil		1.2	35.5	12.8	77	<0.1	38.0	15.1	493	4.56	3.0	2.1	0.9	23.5	16	<0.1	0.2	0.3	63	0.27	0.054
1117128	Soil		0.9	28.2	14.2	84	<0.1	29.0	12.2	454	4.61	4.1	2.6	<0.5	24.1	14	<0.1	0.2	0.4	54	0.21	0.052

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Project: ECH
Report Date: August 13, 2011

CERTIFICATE OF ANALYSIS DAW11000087.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1116867	Soil		14	21	0.36	94	0.094	<1	1.35	0.015	0.10	0.2	0.02	2.7	0.1	0.12	5	<0.5	<0.2
1116868	Soil		12	25	0.44	97	0.112	1	1.60	0.012	0.10	0.2	0.03	2.6	0.1	0.07	5	0.7	<0.2
1116864	Soil		14	29	0.47	121	0.106	1	1.68	0.015	0.09	0.1	0.03	3.3	0.1	0.06	5	<0.5	<0.2
1116863	Soil		12	34	0.48	246	0.091	3	2.37	0.016	0.12	0.1	0.04	3.7	0.2	<0.05	8	0.7	<0.2
1116862	Soil		12	37	0.49	188	0.105	2	2.55	0.012	0.10	0.2	0.04	3.5	0.2	<0.05	7	<0.5	<0.2
1116861	Soil		13	27	0.42	136	0.097	2	1.71	0.012	0.08	0.1	0.02	2.7	0.1	<0.05	6	<0.5	<0.2
1116860	Soil		12	33	0.47	190	0.092	2	1.98	0.013	0.09	0.2	0.02	3.3	0.1	<0.05	6	<0.5	<0.2
1117101	Soil		39	56	1.01	209	0.176	2	2.57	0.016	0.69	0.2	<0.01	8.3	0.4	<0.05	9	0.6	<0.2
1117102	Soil		52	47	0.98	171	0.115	1	2.40	0.015	0.61	0.2	0.02	6.6	0.5	0.05	9	0.6	<0.2
1117103	Soil		53	54	1.03	191	0.136	1	2.69	0.020	0.66	0.2	0.02	7.5	0.5	0.05	10	1.0	<0.2
1117104	Soil		48	59	1.06	202	0.154	1	2.87	0.017	0.67	0.4	0.02	10.1	0.3	<0.05	10	0.7	<0.2
1117105	Soil		47	51	0.93	167	0.160	1	2.61	0.023	0.54	<0.1	0.02	7.6	0.5	<0.05	8	0.8	<0.2
1117106	Soil		38	50	0.88	171	0.154	<1	2.18	0.019	0.49	0.2	<0.01	6.6	0.3	<0.05	8	0.7	<0.2
1117107	Soil		49	43	0.75	113	0.120	<1	2.28	0.012	0.48	0.2	0.02	5.7	0.4	<0.05	7	0.6	<0.2
1117108	Soil		31	55	1.01	203	0.166	<1	2.67	0.019	0.84	0.2	0.01	6.6	0.5	<0.05	9	0.6	<0.2
1117109	Soil		57	32	0.49	142	0.052	<1	1.59	0.010	0.32	0.1	0.01	7.1	0.3	<0.05	5	0.9	<0.2
1117110	Soil		53	29	0.50	126	0.060	<1	1.49	0.009	0.45	0.5	<0.01	6.6	0.2	<0.05	5	0.5	<0.2
1117111	Soil		11	25	0.37	104	0.072	<1	1.43	0.015	0.17	0.1	<0.01	2.2	0.2	<0.05	5	<0.5	<0.2
1117112	Soil		50	45	0.74	190	0.138	1	2.48	0.020	0.44	0.1	0.01	5.7	0.3	<0.05	8	<0.5	<0.2
1117114	Soil		33	43	0.87	173	0.087	<1	2.47	0.010	0.60	0.1	0.01	4.2	0.2	<0.05	9	<0.5	<0.2
1117115	Soil		58	45	0.91	210	0.163	<1	2.50	0.014	0.69	0.1	0.01	5.5	0.3	<0.05	8	<0.5	<0.2
1117119	Soil		37	35	0.59	195	0.095	<1	1.78	0.021	0.28	0.1	0.02	4.6	0.2	<0.05	6	0.7	<0.2
1117120	Soil		25	37	0.74	161	0.107	<1	2.14	0.013	0.36	<0.1	0.01	3.5	0.2	<0.05	7	0.6	<0.2
1117117	Soil		50	38	0.81	125	0.114	<1	2.16	0.011	0.45	<0.1	0.01	3.6	0.3	<0.05	8	0.6	<0.2
1117118	Soil		36	36	0.75	143	0.096	<1	2.13	0.012	0.45	<0.1	<0.01	3.1	0.3	<0.05	7	0.7	<0.2
1117121	Soil		43	25	0.61	158	0.087	<1	1.73	0.010	0.50	0.1	0.01	4.2	0.3	<0.05	6	0.6	<0.2
1117124	Soil		47	50	1.31	172	0.145	<1	2.98	0.022	0.74	0.1	0.02	6.0	0.6	<0.05	10	1.1	<0.2
1117126	Soil		40	36	0.75	155	0.063	<1	1.99	0.012	0.41	0.6	0.02	6.1	0.4	<0.05	6	0.7	<0.2
1117127	Soil		27	46	1.08	196	0.213	<1	2.75	0.019	0.92	<0.1	0.02	6.3	0.6	<0.05	10	1.0	<0.2
1117128	Soil		49	41	0.89	120	0.187	<1	2.46	0.011	0.89	0.1	0.01	5.6	0.5	<0.05	10	<0.5	<0.2

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Project: ECH
Report Date: August 13, 2011

CERTIFICATE OF ANALYSIS DAW11000087.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1117129	Soil		0.6	31.7	13.4	116	<0.1	69.3	23.1	673	5.13	9.5	1.1	<0.5	14.1	16	<0.1	0.1	0.4	79	0.26	0.060
1117131	Soil		0.6	28.8	15.5	81	<0.1	27.1	12.4	333	4.43	7.7	1.9	1.4	23.5	17	<0.1	0.5	0.3	50	0.21	0.036
1117125	Soil		7.2	65.3	21.1	109	<0.1	56.2	24.1	957	4.51	9.0	2.9	<0.5	16.5	16	0.1	0.2	0.6	69	0.24	0.040
1117132	Soil		1.2	40.2	23.7	102	<0.1	47.5	18.3	717	4.91	18.7	2.5	3.4	27.6	20	<0.1	0.5	0.3	43	0.30	0.046
1117130	Soil		1.1	37.3	19.1	96	<0.1	42.8	16.7	821	4.23	5.1	1.8	<0.5	16.1	21	0.1	0.3	0.4	54	0.26	0.040
1117133	Soil		2.8	41.4	37.0	136	0.1	31.7	12.5	392	3.73	58.8	2.2	12.8	14.7	25	0.3	2.1	0.4	54	0.23	0.026
1117116	Soil		0.6	25.2	9.5	61	<0.1	31.5	14.4	423	4.04	5.7	1.6	1.5	17.5	18	<0.1	0.2	0.2	59	0.27	0.043
1117122	Soil		2.5	42.4	22.0	90	<0.1	38.9	15.9	578	4.20	10.5	3.1	1.9	18.6	20	<0.1	0.4	0.4	51	0.37	0.047
1117123	Soil		2.4	39.8	13.8	75	<0.1	35.5	12.5	450	3.42	15.9	1.7	2.5	11.1	14	0.1	0.3	0.3	54	0.19	0.023
1117134	Soil		0.7	21.0	10.2	68	<0.1	25.8	12.3	274	3.53	14.4	1.2	0.7	7.5	9	<0.1	0.2	0.2	37	0.09	0.021
1117113	Soil		0.8	17.9	14.6	50	<0.1	19.6	11.2	426	2.91	6.4	1.3	2.6	10.1	16	<0.1	0.3	0.2	49	0.22	0.039
1155959	Soil		0.7	32.4	18.5	48	<0.1	42.5	18.6	587	3.77	6.3	1.1	1.4	9.1	10	0.1	0.2	0.3	67	0.11	0.054
1155953	Soil		0.8	21.8	9.1	47	<0.1	22.8	13.6	217	3.21	8.4	0.5	1.4	3.2	19	<0.1	0.3	0.1	70	0.22	0.026
1155954	Soil		0.7	23.7	31.2	68	0.1	28.5	12.8	428	3.10	10.2	0.6	2.8	3.7	51	0.1	0.4	0.2	68	0.89	0.020
1155952	Soil		0.5	30.7	5.9	68	<0.1	33.7	18.2	457	3.77	5.5	0.6	0.7	4.5	25	<0.1	0.2	0.1	83	0.23	0.023
1155951	Soil		0.7	16.6	11.6	34	<0.1	11.1	6.0	216	2.47	5.6	0.3	<0.5	1.0	12	0.1	0.3	0.1	74	0.12	0.040
1155962	Soil		0.3	7.1	22.9	23	<0.1	5.6	3.3	96	1.08	25.6	0.4	11.0	13.1	7	<0.1	<0.1	<0.1	14	0.06	0.015
1155957	Soil		1.4	29.4	44.6	71	1.0	19.0	8.2	167	2.47	6.9	1.7	2.8	11.9	7	0.4	0.3	0.9	41	0.06	0.023
1155958	Soil		3.2	159.0	131.6	127	1.8	21.7	8.0	198	3.13	16.9	1.9	15.6	10.3	19	0.6	0.4	4.0	48	0.14	0.031
1155961	Soil		0.4	36.0	16.2	51	<0.1	55.8	15.2	251	2.61	4.9	1.1	0.6	7.8	26	<0.1	0.2	0.2	56	0.31	0.082
1155955	Soil		0.3	23.7	74.4	85	<0.1	14.9	14.8	251	4.53	6.3	0.5	1.2	3.1	15	<0.1	0.2	0.2	101	0.24	0.015
1155960	Soil		0.2	35.4	5.6	30	<0.1	66.0	15.6	192	2.00	2.2	0.5	<0.5	2.8	41	<0.1	<0.1	<0.1	40	0.38	0.095
1155956	Soil		1.6	56.2	87.0	114	<0.1	26.8	8.7	202	3.70	13.3	1.0	1.0	8.5	6	0.2	0.4	0.5	70	0.06	0.042
1155963	Soil		0.3	4.8	6.7	11	<0.1	1.9	1.1	64	0.65	0.9	0.2	1.2	0.5	6	<0.1	<0.1	<0.1	19	0.06	0.024
1155964	Soil		1.0	61.1	10.0	53	<0.1	15.3	16.4	742	4.84	4.7	0.9	8.9	7.4	6	0.1	0.2	0.3	86	0.08	0.047
1155966	Soil		3.3	57.1	14.0	132	0.2	53.3	17.5	795	4.38	8.6	1.7	2.4	2.3	32	0.4	0.5	0.2	67	0.06	0.083
1155965	Soil		2.3	49.3	20.1	65	0.6	31.0	12.5	510	4.01	15.3	1.3	1.9	5.1	16	0.2	0.4	0.3	70	0.08	0.031
1155967	Soil		2.0	54.5	13.6	76	0.3	48.6	11.1	293	3.80	6.5	0.7	2.3	4.7	11	0.2	0.5	0.2	71	0.05	0.034
1155977	Soil		3.1	15.8	175.0	106	0.2	19.5	3.1	221	2.69	1.6	1.1	<0.5	10.9	17	0.1	<0.1	1.5	19	0.03	0.037
1155975	Soil		0.9	6.7	16.9	35	<0.1	6.3	3.5	165	1.44	3.9	1.0	<0.5	21.1	4	<0.1	0.2	0.3	26	0.03	0.020

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Project: ECH
Report Date: August 13, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1117129	Soil		46	76	2.09	234	0.256	<1	4.42	0.023	1.72	0.1	<0.01	7.7	0.9	<0.05	15	0.7	<0.2
1117131	Soil		47	33	0.79	134	0.123	<1	2.29	0.010	0.62	<0.1	<0.01	5.7	0.5	<0.05	8	<0.5	<0.2
1117125	Soil		33	38	1.04	144	0.048	<1	2.30	0.008	0.36	0.2	0.02	4.2	0.3	<0.05	7	0.6	<0.2
1117132	Soil		51	39	0.79	207	0.038	<1	2.04	0.008	0.29	<0.1	0.02	5.5	0.2	<0.05	8	0.6	<0.2
1117130	Soil		18	35	0.63	150	0.113	<1	1.79	0.011	0.58	0.1	0.02	5.1	0.3	<0.05	6	0.9	<0.2
1117133	Soil		27	25	0.34	125	0.036	1	1.26	0.009	0.20	0.2	0.01	3.7	0.2	<0.05	4	1.3	<0.2
1117116	Soil		41	47	0.88	177	0.240	<1	2.39	0.012	1.03	1.3	<0.01	5.9	0.4	0.13	8	0.5	<0.2
1117122	Soil		39	30	0.66	152	0.051	<1	1.83	0.011	0.25	0.2	<0.01	5.3	0.2	0.12	6	0.8	<0.2
1117123	Soil		24	34	0.96	103	0.072	<1	1.91	0.011	0.35	0.1	<0.01	4.4	0.3	0.09	7	<0.5	<0.2
1117134	Soil		12	25	0.42	143	0.105	<1	1.40	0.008	0.47	0.1	<0.01	2.7	0.3	0.08	5	<0.5	<0.2
1117113	Soil		23	30	0.44	132	0.049	<1	1.55	0.009	0.16	0.2	<0.01	3.5	0.1	0.09	5	<0.5	<0.2
1155959	Soil		14	80	1.77	112	0.066	<1	2.47	0.005	0.12	<0.1	<0.01	5.0	0.2	0.09	8	<0.5	<0.2
1155953	Soil		7	32	0.65	181	0.062	<1	2.75	0.011	0.05	<0.1	0.02	3.9	<0.1	0.06	6	<0.5	<0.2
1155954	Soil		16	35	0.62	214	0.072	<1	2.13	0.021	0.06	<0.1	0.03	4.8	<0.1	0.09	6	<0.5	<0.2
1155952	Soil		8	60	1.41	146	0.078	<1	2.69	0.007	0.05	<0.1	<0.01	4.3	<0.1	0.08	7	<0.5	<0.2
1155951	Soil		6	21	0.33	115	0.070	<1	1.44	0.008	0.04	<0.1	0.02	1.5	<0.1	0.09	7	<0.5	<0.2
1155962	Soil		43	6	0.14	193	0.005	<1	1.17	0.005	0.13	<0.1	<0.01	0.6	<0.1	<0.05	2	<0.5	<0.2
1155957	Soil		14	24	0.33	137	0.022	<1	2.12	0.006	0.06	<0.1	0.03	2.1	0.2	<0.05	6	0.6	<0.2
1155958	Soil		14	31	0.59	262	0.045	<1	2.05	0.008	0.13	<0.1	0.01	2.4	0.2	0.15	5	0.7	<0.2
1155961	Soil		36	148	1.38	176	0.075	<1	2.21	0.007	0.10	<0.1	<0.01	3.9	0.2	<0.05	6	<0.5	<0.2
1155955	Soil		12	54	2.05	159	0.134	<1	3.09	0.005	0.22	<0.1	<0.01	6.5	0.2	0.06	8	<0.5	<0.2
1155960	Soil		8	148	1.42	152	0.145	2	1.61	0.004	0.23	<0.1	<0.01	1.2	0.2	0.09	4	<0.5	<0.2
1155956	Soil		26	25	0.47	93	0.019	<1	1.71	0.004	0.06	<0.1	<0.01	2.2	0.1	0.09	7	0.6	<0.2
1155963	Soil		4	5	0.06	78	0.025	<1	0.58	0.012	0.02	<0.1	<0.01	0.5	<0.1	0.07	3	<0.5	<0.2
1155964	Soil		10	25	1.32	155	0.051	1	2.62	0.004	0.33	<0.1	0.02	3.9	0.2	0.09	7	<0.5	<0.2
1155966	Soil		16	31	0.48	174	0.032	<1	2.02	0.008	0.09	<0.1	0.02	1.8	0.1	0.14	7	<0.5	<0.2
1155965	Soil		11	34	0.43	137	0.044	<1	2.75	0.006	0.04	0.1	0.03	2.9	<0.1	<0.05	7	<0.5	<0.2
1155967	Soil		13	47	0.68	183	0.024	<1	2.13	0.006	0.04	<0.1	0.02	2.7	0.1	0.07	7	0.7	<0.2
1155977	Soil		25	39	0.97	194	0.009	<1	1.24	0.004	0.04	<0.1	<0.01	1.5	<0.1	0.12	4	0.8	0.8
1155975	Soil		27	12	0.41	56	0.021	1	0.91	0.003	0.08	<0.1	<0.01	0.8	<0.1	0.06	4	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1155979	Soil	0.8	25.6	15.0	40	<0.1	16.9	8.3	169	2.65	3.8	0.5	2.0	11.1	10	0.1	0.2	0.4	33	0.09	0.043
1155976	Soil	1.2	18.4	116.1	37	0.1	2.8	1.1	69	0.50	<0.5	1.1	<0.5	0.9	7	0.3	<0.1	0.3	13	0.03	0.021
1155980	Soil	0.2	13.5	4.4	77	<0.1	36.9	23.3	502	4.56	2.2	0.3	<0.5	2.1	12	0.1	<0.1	<0.1	83	0.22	0.041
1155978	Soil	2.0	64.6	47.4	91	<0.1	18.4	6.1	251	3.74	2.1	1.8	<0.5	17.6	6	<0.1	<0.1	0.9	21	0.02	0.037
1155970	Soil	6.9	32.6	55.5	69	0.3	32.8	7.3	230	1.97	10.5	2.0	<0.5	35.0	7	0.9	0.5	0.4	11	0.10	0.041
1155969	Soil	0.7	26.4	40.5	30	<0.1	9.8	4.8	116	1.23	3.6	0.6	<0.5	9.3	4	0.1	0.2	0.5	22	0.04	0.016
1155972	Soil	3.5	92.0	190.4	194	1.4	11.7	4.6	403	1.83	19.3	4.5	5.1	28.2	13	0.6	0.3	0.6	11	0.18	0.031
1155968	Soil	1.1	7.3	9.4	22	<0.1	4.9	3.1	97	1.76	3.3	0.3	1.0	2.6	4	<0.1	0.2	0.4	54	0.04	0.015
1155971	Soil	5.3	23.1	54.6	46	0.2	24.6	5.2	182	1.45	7.2	1.7	<0.5	33.7	6	0.6	0.3	0.4	10	0.06	0.026
1155974	Soil	2.5	6.3	41.2	74	<0.1	3.7	1.2	85	1.03	3.4	1.2	0.9	12.8	10	<0.1	0.1	0.6	13	0.06	0.013
1155973	Soil	1.5	29.9	120.6	114	0.1	34.9	10.4	223	2.36	6.7	1.2	<0.5	18.0	9	0.2	0.1	0.9	20	0.12	0.030
1155981	Soil	0.3	13.1	5.3	72	<0.1	18.1	18.0	250	3.80	3.3	0.6	1.5	2.8	12	0.1	<0.1	<0.1	60	0.18	0.034
1155983	Soil	0.6	24.6	17.2	36	<0.1	15.2	7.2	219	1.98	1.8	0.8	5.3	12.8	28	<0.1	0.3	0.2	32	0.19	0.020
1155982	Soil	0.4	23.2	5.6	74	<0.1	23.2	19.8	717	4.41	2.2	0.5	1.1	4.4	17	0.4	<0.1	<0.1	68	0.38	0.137
1155984	Soil	0.5	23.6	16.3	31	<0.1	11.8	5.6	172	1.61	4.2	0.9	1.6	15.3	29	<0.1	0.3	0.2	31	0.18	0.022
1155985	Soil	0.7	12.4	13.9	52	<0.1	16.7	13.1	184	2.96	3.9	0.6	0.6	6.9	22	0.1	0.2	0.2	50	0.21	0.023
1114934	Soil	0.8	17.5	15.7	56	<0.1	20.4	12.2	486	2.95	6.3	0.8	2.3	6.8	39	0.1	0.3	0.2	55	0.46	0.048
1114933	Soil	0.8	13.1	12.7	75	<0.1	35.2	18.3	1093	3.99	2.3	0.9	<0.5	5.7	24	0.6	0.1	0.1	79	0.47	0.161
1114932	Soil	1.9	17.5	15.5	43	<0.1	12.6	13.0	512	2.35	4.3	1.2	0.6	10.3	28	0.2	0.2	0.2	22	0.42	0.144
1114931	Soil	1.1	25.3	10.3	58	<0.1	16.2	12.7	732	2.29	2.6	1.4	1.2	14.3	23	0.4	0.1	0.1	28	0.31	0.087
1114930	Soil	0.3	6.3	24.1	48	0.3	5.3	3.1	186	1.02	0.9	1.2	<0.5	30.7	18	<0.1	<0.1	0.3	7	0.16	0.016
1114929	Soil	0.5	5.3	54.2	35	0.2	2.4	1.3	124	0.61	1.3	1.3	0.9	27.1	10	<0.1	<0.1	0.6	4	0.05	0.011
1114928	Soil	0.3	8.5	27.0	41	<0.1	4.6	4.2	259	1.31	1.2	0.9	0.9	19.0	17	<0.1	<0.1	0.5	8	0.21	0.061
1114927	Soil	0.8	12.2	14.6	49	<0.1	12.1	7.7	238	3.14	6.5	0.5	2.2	4.6	21	0.1	0.3	0.2	62	0.24	0.052
1114926	Soil	0.8	15.2	21.5	40	<0.1	14.6	7.3	246	2.23	6.1	0.8	1.8	10.8	21	<0.1	0.3	0.3	49	0.19	0.017
1114925	Soil	1.0	12.2	19.0	40	<0.1	12.1	8.5	131	1.88	4.2	0.8	0.7	12.6	12	<0.1	0.2	0.3	30	0.10	0.022
1114924	Soil	1.1	18.8	50.5	43	<0.1	14.7	9.2	217	2.12	5.9	0.8	3.8	13.2	16	0.1	0.3	0.6	41	0.12	0.031
1114923	Soil	0.2	12.1	10.0	18	<0.1	1.6	1.4	285	0.38	<0.5	0.5	<0.5	17.3	16	0.3	<0.1	<0.1	<2	0.18	0.064
1114922	Soil	0.3	10.2	4.9	77	<0.1	21.7	25.2	1634	3.89	2.0	0.4	<0.5	2.0	17	0.3	<0.1	<0.1	60	0.32	0.131
1114921	Soil	<0.1	33.9	2.2	82	<0.1	75.0	39.5	1323	4.96	1.0	0.1	0.7	0.7	17	0.2	0.1	<0.1	120	0.43	0.112

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Vancouver BC V6C 1H2 Canada

Project: ECH
Report Date: August 13, 2011

CERTIFICATE OF ANALYSIS DAW11000087.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1155979	Soil		21	20	0.52	305	0.029	<1	1.73	0.006	0.04	<0.1	0.01	1.8	<0.1	0.06	4	<0.5	0.2
1155976	Soil		25	6	0.06	54	0.010	<1	0.45	0.008	0.06	<0.1	<0.01	<0.1	<0.1	0.07	3	<0.5	<0.2
1155980	Soil		5	186	4.25	137	0.128	<1	4.03	0.004	0.26	<0.1	<0.01	5.3	0.2	<0.05	10	<0.5	<0.2
1155978	Soil		35	14	1.20	210	0.103	<1	1.90	0.004	0.33	<0.1	<0.01	1.0	0.2	0.10	5	0.5	0.2
1155970	Soil		39	12	0.61	113	0.003	<1	0.94	0.003	0.04	0.1	<0.01	1.0	<0.1	0.09	2	1.2	<0.2
1155969	Soil		14	12	0.17	119	0.013	<1	1.43	0.004	0.05	<0.1	0.02	1.2	<0.1	<0.05	3	<0.5	<0.2
1155972	Soil		33	9	0.13	150	0.008	<1	0.83	0.005	0.09	<0.1	0.06	1.6	<0.1	<0.05	2	<0.5	<0.2
1155968	Soil		5	12	0.28	72	0.034	<1	1.08	0.003	0.03	<0.1	<0.01	1.2	<0.1	<0.05	7	<0.5	<0.2
1155971	Soil		38	9	0.52	115	0.004	<1	0.93	0.004	0.04	0.1	<0.01	1.0	<0.1	0.06	2	0.8	<0.2
1155974	Soil		51	6	0.33	68	0.022	<1	0.78	0.003	0.08	<0.1	<0.01	0.3	0.1	<0.05	3	<0.5	<0.2
1155973	Soil		33	53	0.61	60	0.015	<1	1.02	0.004	0.07	<0.1	<0.01	1.1	<0.1	0.07	3	<0.5	<0.2
1155981	Soil		9	73	2.82	136	0.107	<1	3.21	0.004	0.22	<0.1	<0.01	3.4	0.1	0.06	7	<0.5	<0.2
1155983	Soil		57	22	0.37	931	0.050	3	1.27	0.011	0.10	<0.1	0.03	3.3	<0.1	0.05	4	0.9	<0.2
1155982	Soil		28	55	2.45	504	0.137	1	3.14	0.005	0.93	<0.1	<0.01	5.0	0.5	<0.05	7	<0.5	<0.2
1155984	Soil		71	20	0.33	1039	0.045	1	1.27	0.008	0.10	<0.1	0.03	3.2	<0.1	<0.05	4	<0.5	<0.2
1155985	Soil		22	86	1.66	127	0.089	1	2.21	0.009	0.16	<0.1	0.02	3.5	0.2	<0.05	6	<0.5	<0.2
1114934	Soil		20	64	0.94	336	0.089	2	2.03	0.011	0.11	0.3	0.02	4.3	0.1	<0.05	5	0.8	<0.2
1114933	Soil		27	73	2.10	341	0.058	<1	2.59	0.004	0.31	<0.1	<0.01	6.1	0.3	<0.05	7	<0.5	<0.2
1114932	Soil		27	25	0.47	243	0.032	1	1.11	0.006	0.14	0.1	<0.01	2.8	0.1	<0.05	3	1.0	<0.2
1114931	Soil		34	30	0.86	287	0.051	<1	1.38	0.004	0.22	<0.1	<0.01	3.2	0.2	<0.05	4	<0.5	<0.2
1114930	Soil		66	13	0.63	204	0.007	<1	0.88	0.003	0.15	<0.1	<0.01	1.6	0.1	<0.05	2	<0.5	<0.2
1114929	Soil		51	6	0.61	87	0.003	<1	0.67	0.003	0.07	<0.1	<0.01	0.9	<0.1	<0.05	2	<0.5	<0.2
1114928	Soil		41	12	0.71	190	0.007	2	0.92	0.003	0.10	<0.1	<0.01	1.5	0.1	<0.05	2	<0.5	<0.2
1114927	Soil		13	27	0.71	181	0.082	1	2.00	0.008	0.10	0.1	0.02	2.5	0.1	<0.05	7	<0.5	<0.2
1114926	Soil		32	25	0.47	315	0.055	1	1.76	0.010	0.06	0.1	0.03	3.3	0.1	<0.05	5	<0.5	<0.2
1114925	Soil		38	22	0.42	154	0.029	<1	1.34	0.005	0.06	<0.1	0.02	1.9	0.1	<0.05	4	<0.5	<0.2
1114924	Soil		30	28	0.36	161	0.047	1	1.72	0.006	0.08	<0.1	0.02	3.1	0.1	<0.05	4	<0.5	<0.2
1114923	Soil		66	3	0.11	93	0.001	<1	0.28	0.003	0.10	<0.1	<0.01	0.7	<0.1	<0.05	<1	<0.5	<0.2
1114922	Soil		8	54	1.80	87	0.028	2	2.64	0.004	0.09	0.1	<0.01	4.3	<0.1	<0.05	6	<0.5	<0.2
1114921	Soil		4	208	2.97	91	0.067	1	3.11	0.003	0.10	0.3	<0.01	6.0	<0.1	<0.05	7	<0.5	<0.2

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Project: ECH
Report Date: August 13, 2011

CERTIFICATE OF ANALYSIS DAW11000087.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1114920	Soil		0.2	21.7	10.3	92	<0.1	96.7	39.8	3525	6.28	2.5	0.6	2.2	5.8	29	0.7	0.1	<0.1	112	1.28	0.149
1114919	Soil		<0.1	12.8	7.6	86	<0.1	79.7	36.2	1818	6.00	1.9	0.5	0.6	6.2	41	0.5	<0.1	<0.1	149	1.68	0.211
1114918	Soil		0.3	15.1	3.2	93	<0.1	15.4	22.3	689	3.95	1.4	0.3	0.9	1.3	36	0.2	<0.1	<0.1	75	0.50	0.121
1114917	Soil		0.8	115.6	52.4	115	<0.1	15.7	18.7	1274	5.90	1.3	1.9	2.9	15.7	12	0.4	<0.1	0.8	56	0.25	0.099
1114916	Soil		0.9	42.7	16.3	81	0.2	17.4	16.5	973	3.52	4.9	5.1	0.8	7.8	59	0.3	0.2	0.2	50	0.83	0.073
1114915	Soil		1.2	23.5	26.0	72	0.3	14.2	8.6	750	3.37	3.2	1.4	2.5	5.3	19	0.3	0.2	0.4	37	0.18	0.057
1114914	Soil		0.2	66.4	23.7	112	0.2	62.8	37.1	1247	6.31	25.8	0.3	2.0	1.2	38	0.2	0.2	0.7	188	0.45	0.051
1114913	Soil		2.4	25.8	41.7	67	0.1	30.7	17.1	558	3.67	18.9	0.9	3.0	8.9	20	0.2	0.3	3.6	76	0.17	0.042
1114912	Soil		1.4	14.7	15.7	40	<0.1	9.6	7.5	451	2.88	4.7	1.9	1.0	19.3	26	0.2	0.2	0.5	25	0.20	0.099
1114911	Soil		0.9	27.7	12.0	62	<0.1	28.8	15.3	427	3.89	7.8	0.9	1.9	9.7	18	0.1	0.4	0.3	65	0.17	0.029
1114910	Soil		1.6	25.5	14.0	58	<0.1	29.9	15.7	473	3.77	6.7	1.5	1.9	18.4	12	0.1	0.3	0.2	63	0.11	0.042
1114909	Soil		1.3	24.2	10.8	52	<0.1	20.8	12.9	370	3.04	9.4	1.3	2.3	15.6	16	0.2	0.4	0.2	58	0.14	0.036
1114908	Soil		0.6	41.3	5.2	31	<0.1	22.0	16.6	263	2.47	5.0	0.3	1.2	0.7	14	0.1	0.2	0.1	74	0.31	0.026
1114907	Soil		0.6	29.6	7.9	39	<0.1	36.8	14.2	256	2.95	6.6	0.3	2.6	2.0	13	0.1	0.3	0.2	75	0.25	0.035
1114906	Soil		0.2	124.0	1.5	62	<0.1	50.3	25.4	448	4.20	9.9	0.1	1.0	0.4	19	<0.1	<0.1	<0.1	179	0.60	0.073
1114905	Soil		0.2	88.7	1.6	68	<0.1	66.9	29.1	509	4.40	8.7	0.1	1.1	0.3	20	<0.1	<0.1	<0.1	187	0.67	0.081
1114904	Soil		0.8	34.7	17.9	86	<0.1	40.2	17.2	441	4.35	2.8	1.4	4.2	10.6	12	<0.1	0.1	0.6	47	0.15	0.029
1114903	Soil		1.3	42.5	12.8	84	<0.1	32.1	15.2	485	3.97	1.9	3.5	1.7	19.5	11	<0.1	0.1	0.3	31	0.15	0.034
1114902	Soil		0.8	19.9	14.5	57	<0.1	23.6	10.5	271	3.07	7.0	1.5	4.0	7.8	14	0.3	0.4	0.4	60	0.16	0.034
1114901	Soil		1.1	12.2	12.2	63	<0.1	17.5	8.4	337	3.01	5.8	1.4	1.6	7.2	14	0.3	0.4	0.5	67	0.15	0.028
1117229	Soil		1.3	17.0	16.9	61	0.3	17.7	17.1	1162	3.16	6.5	1.6	2.5	5.1	27	0.2	0.4	1.0	64	0.34	0.097
1117228	Soil		1.2	14.9	15.7	67	0.1	19.3	12.5	724	3.23	6.1	1.7	2.3	7.2	28	0.3	0.4	0.9	66	0.36	0.090
1115533	Soil		1.1	12.9	12.5	52	<0.1	13.2	9.3	339	2.99	5.3	1.4	2.5	6.1	15	0.2	0.4	1.4	60	0.20	0.041
1115532	Soil		1.1	12.0	13.0	45	<0.1	12.6	9.0	332	2.87	5.0	1.4	1.3	6.2	16	0.2	0.4	1.1	59	0.19	0.044
1117227	Soil		1.3	16.0	15.3	74	0.1	20.1	11.9	676	2.95	6.2	1.9	2.0	7.0	35	0.3	0.6	0.7	64	0.36	0.072
1115534	Soil		0.8	16.5	17.3	64	<0.1	17.4	16.3	532	3.42	2.4	2.8	2.1	19.5	17	0.2	0.2	1.4	55	0.46	0.161
1117225	Soil		1.3	19.6	15.3	74	0.2	20.5	9.9	373	3.18	8.0	1.8	1.9	7.5	24	0.3	0.7	1.0	66	0.27	0.096
1117226	Soil		1.3	15.3	17.1	82	0.1	22.2	13.5	569	3.02	6.0	2.0	2.3	8.4	28	0.2	0.5	0.8	62	0.28	0.080
1117224	Soil		0.9	24.0	11.3	62	<0.1	25.2	12.6	443	3.35	7.6	1.5	2.7	10.1	23	0.2	0.5	0.6	69	0.29	0.066
1117223	Soil		1.4	22.0	15.1	73	0.1	21.9	11.1	495	3.38	9.1	1.8	2.6	7.0	24	0.3	0.6	0.9	71	0.26	0.077

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1114920	Soil		23	272	4.32	588	0.098	1	3.59	0.007	0.30	0.3	0.02	11.6	0.1	<0.05	8	<0.5	<0.2
1114919	Soil		26	405	5.58	538	0.180	2	4.65	0.008	0.81	0.2	<0.01	15.1	0.2	<0.05	11	<0.5	<0.2
1114918	Soil		6	408	3.71	999	0.167	<1	3.21	0.008	0.54	<0.1	<0.01	2.3	0.2	<0.05	8	<0.5	<0.2
1114917	Soil		39	41	3.33	446	0.108	1	3.60	0.008	1.13	<0.1	<0.01	6.6	0.7	<0.05	9	<0.5	<0.2
1114916	Soil		66	60	1.32	428	0.079	2	2.60	0.009	0.39	0.1	0.04	5.6	0.3	<0.05	7	1.1	<0.2
1114915	Soil		25	23	0.34	195	0.007	<1	1.37	0.010	0.15	0.1	0.03	5.8	0.1	<0.05	4	<0.5	<0.2
1114914	Soil		5	140	3.45	574	0.210	<1	3.66	0.012	1.17	<0.1	0.01	12.7	0.7	<0.05	11	<0.5	<0.2
1114913	Soil		19	68	1.05	153	0.067	1	2.23	0.009	0.21	0.1	0.01	5.5	0.2	<0.05	6	0.6	<0.2
1114912	Soil		36	12	0.13	112	0.011	1	0.92	0.006	0.10	0.3	<0.01	2.3	<0.1	<0.05	3	<0.5	<0.2
1114911	Soil		18	39	0.63	218	0.046	2	2.89	0.012	0.08	0.2	0.02	4.8	0.1	<0.05	7	<0.5	<0.2
1114910	Soil		22	44	0.50	160	0.027	1	2.80	0.009	0.11	0.2	0.03	5.2	0.2	<0.05	8	<0.5	<0.2
1114909	Soil		24	35	0.47	146	0.072	1	2.73	0.014	0.07	0.2	0.04	4.9	0.1	<0.05	6	<0.5	<0.2
1114908	Soil		4	37	0.95	121	0.082	<1	1.59	0.029	0.03	0.2	0.02	4.5	<0.1	<0.05	5	<0.5	<0.2
1114907	Soil		7	58	0.87	92	0.132	1	2.16	0.016	0.05	0.2	0.02	3.5	0.1	<0.05	7	<0.5	<0.2
1114906	Soil		4	96	2.77	100	0.235	<1	2.36	0.022	0.12	0.3	<0.01	6.3	<0.1	<0.05	11	<0.5	<0.2
1114905	Soil		4	144	2.91	107	0.259	1	2.56	0.023	0.13	0.3	<0.01	7.4	<0.1	<0.05	11	<0.5	<0.2
1114904	Soil		31	49	0.98	130	0.045	<1	3.00	0.007	0.20	<0.1	<0.01	4.5	0.2	<0.05	10	<0.5	<0.2
1114903	Soil		64	30	0.74	130	0.055	<1	2.00	0.005	0.21	<0.1	0.01	3.7	0.3	<0.05	7	<0.5	<0.2
1114902	Soil		16	36	0.58	113	0.100	2	2.46	0.010	0.13	0.2	0.02	3.6	0.2	0.07	7	<0.5	<0.2
1114901	Soil		17	33	0.54	120	0.132	2	1.73	0.012	0.16	0.2	<0.01	3.2	0.2	<0.05	10	<0.5	<0.2
1117229	Soil		26	30	0.43	400	0.024	1	1.99	0.012	0.12	0.2	0.05	5.4	0.2	0.05	7	<0.5	<0.2
1117228	Soil		20	35	0.62	326	0.041	2	1.98	0.013	0.11	0.2	0.04	5.0	0.2	0.06	7	0.6	<0.2
1115533	Soil		24	23	0.47	193	0.039	<1	1.40	0.008	0.11	0.1	0.02	3.2	0.1	0.06	7	0.6	<0.2
1115532	Soil		25	25	0.44	197	0.041	1	1.44	0.010	0.11	0.1	0.02	3.4	0.1	<0.05	7	<0.5	<0.2
1117227	Soil		20	35	0.54	386	0.061	2	1.94	0.014	0.09	0.2	0.05	4.7	0.3	<0.05	7	0.6	<0.2
1115534	Soil		35	28	1.07	168	0.014	1	2.13	0.008	0.15	<0.1	0.02	4.4	0.1	<0.05	9	0.5	<0.2
1117225	Soil		25	36	0.58	341	0.049	2	2.32	0.014	0.11	0.2	0.05	5.4	0.3	0.09	7	0.8	<0.2
1117226	Soil		24	37	0.63	480	0.052	2	2.50	0.012	0.10	0.3	0.04	4.9	0.5	<0.05	7	0.5	<0.2
1117224	Soil		28	40	0.75	317	0.100	2	2.10	0.014	0.09	0.2	0.02	6.1	0.2	<0.05	7	0.6	<0.2
1117223	Soil		30	39	0.64	344	0.068	2	2.21	0.012	0.10	0.2	0.04	5.3	0.3	<0.05	8	0.6	<0.2

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

Project: ECH
Report Date: August 13, 2011

CERTIFICATE OF ANALYSIS DAW11000087.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1117211	Soil	1.3	21.8	23.2	66	<0.1	17.4	12.5	737	3.06	6.8	2.2	2.8	4.7	14	0.2	1.0	1.1	74	0.12	0.072
1117217	Soil	0.9	21.8	12.6	70	<0.1	24.8	12.6	425	3.18	7.1	1.4	2.2	7.6	20	0.2	0.6	0.6	69	0.26	0.068
1117216	Soil	0.9	19.0	12.9	67	<0.1	24.7	12.9	454	3.32	7.1	1.1	1.2	8.1	21	0.2	0.5	0.6	73	0.30	0.073
1117219	Soil	1.0	20.2	12.3	65	<0.1	22.9	10.1	343	3.02	7.1	1.3	2.1	5.9	22	0.2	0.5	0.5	67	0.28	0.076
1117218	Soil	0.9	20.8	11.1	62	<0.1	23.6	10.5	335	3.00	7.0	1.2	4.1	6.9	21	0.2	0.6	0.5	65	0.29	0.074
1117220	Soil	1.1	19.6	13.8	62	<0.1	21.0	10.8	399	2.96	6.7	1.5	3.0	6.6	20	0.2	0.5	0.6	60	0.27	0.074
1117221	Soil	1.3	17.1	20.0	57	<0.1	18.4	9.2	323	2.89	7.8	1.1	1.4	4.9	18	0.3	0.5	0.5	62	0.18	0.056
1117222	Soil	2.0	31.1	15.0	64	0.2	22.4	10.4	513	3.35	8.0	2.1	2.4	4.9	21	0.2	0.6	1.2	66	0.24	0.091
1117212	Soil	0.7	10.5	8.3	23	<0.1	6.9	3.2	114	1.08	2.8	1.0	<0.5	0.5	12	0.1	0.2	0.5	29	0.10	0.039
1117215	Soil	1.7	24.1	18.0	87	<0.1	29.6	14.6	572	4.27	8.2	1.7	1.6	11.7	20	0.2	0.7	0.9	88	0.24	0.074
1117214	Soil	1.2	21.2	14.1	72	<0.1	24.7	12.8	472	3.50	6.9	1.4	2.1	8.7	20	0.1	0.5	0.6	74	0.29	0.077
1117213	Soil	0.9	21.9	12.5	70	<0.1	25.7	12.5	407	3.48	8.1	1.1	2.0	10.8	20	0.2	0.5	0.5	74	0.30	0.079
1117202	Soil	1.6	16.7	15.3	56	<0.1	20.0	11.8	384	4.02	9.4	0.8	<0.5	4.8	13	0.1	0.5	0.4	96	0.17	0.059
1117210	Soil	1.1	17.9	39.4	83	<0.1	18.6	18.4	836	3.83	7.9	1.6	10.9	10.0	14	0.2	1.1	1.3	72	0.23	0.100
1117203	Soil	1.4	29.2	12.8	76	<0.1	30.6	22.0	834	4.79	4.4	1.3	1.2	8.6	15	0.1	0.3	0.8	131	0.36	0.101
1117201	Soil	1.5	18.9	13.1	51	<0.1	19.9	12.2	340	3.65	6.1	0.7	1.8	4.5	13	0.2	0.4	0.4	89	0.18	0.061
1117204	Soil	1.2	28.5	12.1	71	<0.1	31.6	17.0	572	4.20	8.9	1.1	2.3	7.9	19	0.2	0.5	0.6	96	0.28	0.054
1117205	Soil	1.0	22.5	11.7	57	<0.1	21.3	11.1	339	3.11	6.8	1.1	2.8	4.2	19	0.1	0.4	0.3	73	0.24	0.055
1117208	Soil	1.1	20.6	38.7	86	0.1	19.2	9.6	308	3.34	5.4	2.1	1.0	6.1	15	0.2	1.2	0.9	70	0.22	0.111
1117206	Soil	1.2	26.2	15.2	62	<0.1	25.4	14.3	446	3.99	6.8	1.2	3.0	2.8	19	0.2	0.4	0.5	102	0.27	0.079
1117207	Soil	0.7	24.3	10.6	65	<0.1	25.6	13.7	423	3.31	6.4	1.0	1.9	4.9	23	0.2	0.4	0.3	79	0.31	0.073
1117209	Soil	1.1	20.5	41.0	81	0.1	18.4	10.0	418	3.22	7.2	2.0	2.4	5.4	14	0.2	1.1	0.9	68	0.20	0.092
1114871	Soil	1.0	17.9	9.8	68	<0.1	22.2	11.3	428	3.42	6.0	1.2	2.3	16.8	19	<0.1	0.4	0.2	63	0.23	0.045
1114881	Soil	0.9	25.8	19.3	87	<0.1	29.1	15.2	422	3.61	8.5	1.4	1.6	11.8	17	0.2	0.5	0.3	61	0.14	0.023
1114884	Soil	1.3	29.9	17.3	47	0.4	26.4	10.7	267	2.92	6.3	3.1	1.9	4.5	38	0.1	0.4	0.3	42	0.30	0.057
1114882	Soil	1.0	28.3	13.2	75	<0.1	28.7	12.7	339	3.46	6.9	1.8	1.8	9.7	18	0.1	0.3	0.3	57	0.17	0.029
1114883	Soil	1.0	28.6	12.7	76	<0.1	29.0	13.0	342	3.49	6.9	1.7	1.0	9.3	18	0.1	0.4	0.3	57	0.18	0.031
1114885	Soil	0.9	34.2	12.8	76	<0.1	29.1	12.3	397	3.19	9.3	1.5	1.3	8.5	29	0.2	0.6	0.3	55	0.38	0.047
1114874	Soil	0.5	6.3	5.2	16	<0.1	4.1	1.9	87	1.08	2.6	0.2	<0.5	1.2	5	<0.1	0.1	0.1	30	0.03	0.013
1114879	Soil	0.9	25.5	11.1	70	<0.1	26.4	11.7	413	3.21	8.1	1.8	1.4	10.9	19	<0.1	0.4	0.2	52	0.20	0.027

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Project: ECH
Report Date: August 13, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1117211	Soil		18	33	0.37	141	0.108	2	2.02	0.013	0.13	0.2	0.03	3.9	0.3	<0.05	9	<0.5	<0.2
1117217	Soil		24	40	0.72	191	0.112	<1	2.09	0.013	0.13	0.2	0.03	4.8	0.2	<0.05	7	<0.5	<0.2
1117216	Soil		25	44	0.81	161	0.123	2	2.04	0.013	0.13	0.2	0.02	4.5	0.2	<0.05	7	0.5	<0.2
1117219	Soil		22	39	0.64	204	0.096	2	1.91	0.015	0.10	0.2	0.03	4.8	0.2	<0.05	7	0.5	<0.2
1117218	Soil		23	37	0.66	165	0.102	2	1.95	0.012	0.10	0.2	0.02	4.3	0.1	<0.05	6	0.7	<0.2
1117220	Soil		22	35	0.62	207	0.088	2	1.82	0.014	0.13	0.2	0.03	4.4	0.2	<0.05	7	0.7	<0.2
1117221	Soil		28	30	0.47	295	0.069	2	1.85	0.011	0.08	0.2	0.03	3.2	0.2	<0.05	7	<0.5	<0.2
1117222	Soil		35	41	0.51	370	0.052	2	2.38	0.016	0.14	0.2	0.06	6.3	0.3	0.07	8	<0.5	<0.2
1117212	Soil		16	13	0.16	82	0.040	<1	0.66	0.018	0.05	0.1	0.02	1.3	<0.1	<0.05	3	<0.5	<0.2
1117215	Soil		32	54	0.85	252	0.119	2	2.96	0.013	0.23	0.2	0.05	6.5	0.3	<0.05	10	0.5	<0.2
1117214	Soil		24	44	0.77	185	0.117	2	2.36	0.014	0.17	0.2	0.03	5.2	0.2	0.06	8	0.6	<0.2
1117213	Soil		23	45	0.78	199	0.124	1	2.47	0.013	0.13	0.3	0.01	4.8	0.2	<0.05	7	0.5	<0.2
1117202	Soil		13	43	0.72	123	0.120	<1	2.11	0.011	0.08	0.2	0.03	3.9	0.1	<0.05	10	<0.5	<0.2
1117210	Soil		19	35	0.49	119	0.116	2	2.11	0.008	0.13	0.2	0.01	3.7	0.3	<0.05	7	<0.5	<0.2
1117203	Soil		20	91	1.44	256	0.151	2	2.77	0.021	0.14	0.1	0.01	9.9	0.2	<0.05	13	<0.5	<0.2
1117201	Soil		11	50	0.77	131	0.134	1	2.25	0.015	0.08	0.2	0.04	4.0	0.1	<0.05	9	0.5	<0.2
1117204	Soil		18	68	1.08	236	0.113	2	3.00	0.014	0.08	0.2	0.02	6.6	0.1	0.06	9	0.5	<0.2
1117205	Soil		17	41	0.68	173	0.101	1	2.28	0.015	0.07	0.1	0.03	4.9	0.1	<0.05	7	<0.5	<0.2
1117208	Soil		21	38	0.52	135	0.108	3	2.36	0.011	0.18	0.1	0.05	4.9	0.4	<0.05	8	<0.5	<0.2
1117206	Soil		15	69	0.88	251	0.102	2	2.78	0.017	0.10	0.1	0.03	6.1	0.2	<0.05	10	0.7	<0.2
1117207	Soil		16	52	0.84	202	0.111	1	2.23	0.013	0.07	0.1	0.02	4.9	0.1	<0.05	8	<0.5	<0.2
1117209	Soil		18	33	0.46	122	0.086	2	2.22	0.008	0.10	0.1	0.02	3.6	0.3	<0.05	7	0.5	<0.2
1114871	Soil		27	35	0.72	160	0.135	<1	2.08	0.012	0.22	0.2	0.02	4.7	0.3	<0.05	7	<0.5	<0.2
1114881	Soil		26	41	0.67	162	0.117	<1	2.15	0.011	0.20	0.2	0.02	4.2	0.3	<0.05	7	<0.5	<0.2
1114884	Soil		73	27	0.34	241	0.057	3	2.01	0.012	0.17	0.2	0.09	4.1	0.2	<0.05	6	0.5	<0.2
1114882	Soil		27	37	0.68	164	0.115	2	1.93	0.010	0.35	0.3	0.02	4.1	0.3	<0.05	7	<0.5	<0.2
1114883	Soil		25	37	0.68	158	0.117	2	1.92	0.010	0.35	0.2	0.02	4.1	0.3	<0.05	7	<0.5	<0.2
1114885	Soil		23	33	0.57	248	0.114	2	1.64	0.015	0.20	0.3	0.04	4.6	0.2	<0.05	6	0.6	<0.2
1114874	Soil		4	7	0.07	41	0.041	1	0.47	0.010	0.05	0.3	0.01	0.5	<0.1	<0.05	4	<0.5	<0.2
1114879	Soil		28	32	0.57	177	0.093	2	1.60	0.009	0.17	0.2	0.02	4.2	0.3	<0.05	6	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1114876	Soil		0.6	11.1	5.4	21	<0.1	7.8	3.2	85	1.32	3.7	0.7	0.7	2.1	8	0.1	0.2	0.2	30	0.07	0.019
1114880	Soil		1.1	22.8	16.3	83	<0.1	28.6	12.9	375	3.28	9.8	1.1	0.9	8.7	14	0.2	0.5	0.3	54	0.16	0.021
1114872	Soil		0.8	35.7	7.5	56	<0.1	153.2	26.8	463	4.29	20.1	0.7	<0.5	5.3	13	0.1	0.2	0.1	102	0.29	0.064
1114873	Soil		0.9	30.5	10.7	60	<0.1	29.7	13.2	338	3.41	8.0	1.4	2.6	10.1	20	<0.1	0.4	0.3	63	0.24	0.037
1114877	Soil		0.9	21.8	9.7	48	<0.1	18.1	8.7	239	2.79	7.3	1.3	1.2	9.1	16	<0.1	0.3	0.2	55	0.15	0.023
1114863	Soil		1.5	29.1	10.0	76	<0.1	28.3	15.5	453	3.64	8.8	1.2	0.9	13.3	17	0.2	0.5	0.4	76	0.21	0.036
1114869	Soil		1.5	27.8	7.1	52	<0.1	33.7	14.2	323	3.09	7.9	1.5	1.2	8.5	15	<0.1	0.4	0.1	65	0.26	0.053
1114867	Soil		1.0	21.5	10.0	43	<0.1	17.9	8.6	209	2.81	9.1	0.6	3.1	4.6	14	0.2	0.6	0.2	61	0.09	0.025
1114870	Soil		0.9	13.5	8.5	35	<0.1	11.2	4.3	124	2.04	6.3	0.5	<0.5	1.1	9	0.1	0.4	0.2	60	0.07	0.025
1114875	Soil		1.0	20.5	9.8	55	<0.1	21.9	10.2	302	3.29	6.8	2.0	2.1	12.6	20	<0.1	0.3	0.3	57	0.21	0.053
1114868	Soil		0.8	15.9	8.3	24	<0.1	12.7	6.1	110	2.38	8.4	0.3	1.3	2.0	13	<0.1	0.4	0.2	65	0.12	0.014
1114878	Soil		0.8	23.1	10.5	68	<0.1	24.6	10.7	372	2.95	7.2	1.6	2.4	9.5	18	0.1	0.4	0.2	48	0.19	0.025
1114853	Soil		1.0	28.8	11.8	85	<0.1	30.6	13.8	301	3.30	6.3	1.2	1.6	8.7	20	0.2	0.3	0.6	63	0.29	0.034
1114851	Soil		0.9	14.3	11.7	48	<0.1	15.3	9.6	257	3.34	15.9	1.0	1.7	12.3	10	0.2	0.3	0.5	54	0.09	0.027
1114855	Soil		0.3	5.6	2.5	11	<0.1	1.7	1.3	99	0.47	0.6	0.2	1.0	<0.1	9	<0.1	<0.1	<0.1	14	0.07	0.015
1114862	Soil		1.0	14.6	8.2	58	<0.1	16.4	8.4	315	2.37	5.4	0.8	1.7	6.1	12	0.1	0.4	0.3	47	0.13	0.035
1114858	Soil		1.0	25.4	9.6	64	<0.1	28.2	12.5	307	3.01	11.6	0.8	2.9	13.2	12	0.2	0.5	0.3	61	0.13	0.025
1114854	Soil		0.9	21.4	10.7	59	<0.1	23.1	11.0	303	3.14	9.0	1.1	3.2	6.9	21	0.1	0.4	0.2	64	0.30	0.042
1114856	Soil		0.8	18.9	7.4	72	<0.1	21.1	12.9	431	3.18	4.3	1.0	3.6	8.8	16	0.2	0.3	0.4	72	0.29	0.068
1114860	Soil		1.9	13.1	12.7	73	<0.1	15.4	7.3	268	3.61	8.6	0.9	2.0	7.5	13	<0.1	0.6	0.3	74	0.10	0.029
1114866	Soil		1.2	22.2	12.0	55	<0.1	20.2	9.5	338	2.86	8.5	1.2	3.5	12.3	14	0.1	0.9	0.2	59	0.14	0.027
1114859	Soil		1.1	8.2	5.7	33	<0.1	6.8	3.6	104	1.58	3.5	0.4	1.9	4.5	7	0.1	0.3	0.2	41	0.05	0.016
1114861	Soil		1.2	15.3	13.9	53	<0.1	16.3	8.2	222	3.12	9.1	0.8	6.5	12.8	16	0.2	0.5	0.2	67	0.13	0.031
1114865	Soil		1.2	20.7	23.3	98	<0.1	22.0	11.4	277	3.40	11.1	0.8	0.9	9.0	15	0.3	2.1	0.4	59	0.10	0.020
1114864	Soil		0.5	3.8	4.7	15	<0.1	3.0	2.2	73	0.86	3.5	0.2	<0.5	0.7	6	<0.1	0.4	0.2	20	0.05	0.013
1114852	Soil		0.8	27.5	10.4	59	<0.1	26.4	12.3	397	2.85	7.6	1.1	2.6	6.5	23	<0.1	0.4	0.3	57	0.28	0.035
1114857	Soil		0.9	20.1	10.2	51	<0.1	19.2	9.5	245	2.99	9.1	0.7	1.4	7.6	16	0.1	0.5	0.2	63	0.13	0.027
1115659	Soil		1.2	41.3	11.8	87	0.2	28.4	12.2	370	3.25	8.4	2.8	2.3	4.5	36	0.4	0.4	0.2	65	0.45	0.057
1115658	Soil		1.5	41.7	13.5	65	0.2	24.4	12.4	389	2.79	8.8	2.4	3.2	3.9	38	0.2	0.4	0.2	51	0.44	0.045
1115660	Soil		1.2	38.8	14.0	69	0.3	24.8	12.8	453	2.55	7.8	2.0	3.6	3.6	39	0.3	0.4	0.2	57	0.44	0.043

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

Project: ECH
Report Date: August 13, 2011

CERTIFICATE OF ANALYSIS DAW11000087.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1114876	Soil		24	12	0.18	60	0.052	2	0.78	0.011	0.08	0.1	0.02	1.1	0.1	<0.05	4	<0.5	<0.2
1114880	Soil		17	33	0.48	137	0.064	2	1.71	0.008	0.16	0.3	0.03	3.7	0.3	<0.05	6	0.7	<0.2
1114872	Soil		14	194	2.16	269	0.273	2	3.08	0.010	0.81	0.2	0.02	5.3	0.4	<0.05	11	<0.5	<0.2
1114873	Soil		37	37	0.64	203	0.106	2	2.43	0.010	0.20	0.7	0.02	4.2	0.2	<0.05	7	<0.5	<0.2
1114877	Soil		23	27	0.45	139	0.100	2	1.79	0.012	0.16	0.3	0.01	3.2	0.2	<0.05	7	<0.5	<0.2
1114863	Soil		30	43	0.74	280	0.069	2	2.51	0.008	0.09	0.2	0.05	7.1	0.2	<0.05	7	<0.5	<0.2
1114869	Soil		38	57	0.83	147	0.105	3	1.93	0.009	0.10	0.1	0.02	4.2	0.2	<0.05	6	<0.5	<0.2
1114867	Soil		10	27	0.36	127	0.060	2	2.12	0.009	0.04	0.2	0.04	2.3	<0.1	<0.05	7	<0.5	<0.2
1114870	Soil		7	19	0.27	67	0.070	2	1.06	0.007	0.05	0.2	0.02	1.7	0.1	<0.05	8	<0.5	<0.2
1114875	Soil		53	29	0.53	139	0.117	1	1.98	0.009	0.25	0.3	0.04	3.5	0.3	<0.05	8	0.6	<0.2
1114868	Soil		7	24	0.30	141	0.044	2	1.68	0.009	0.03	0.4	0.02	2.0	0.1	<0.05	7	<0.5	<0.2
1114878	Soil		24	30	0.53	157	0.087	3	1.51	0.008	0.16	0.2	0.03	3.9	0.3	<0.05	5	<0.5	<0.2
1114853	Soil		34	37	0.74	211	0.068	1	2.34	0.008	0.12	2.4	0.03	4.7	0.2	<0.05	7	<0.5	<0.2
1114851	Soil		8	27	0.30	160	0.007	<1	2.21	0.006	0.06	0.2	0.04	2.6	0.1	<0.05	7	<0.5	<0.2
1114855	Soil		2	4	0.03	28	0.021	2	0.24	0.015	0.02	<0.1	0.02	0.2	<0.1	<0.05	2	<0.5	<0.2
1114862	Soil		17	22	0.40	247	0.041	1	1.30	0.008	0.05	0.2	0.03	2.4	<0.1	<0.05	5	<0.5	<0.2
1114858	Soil		13	34	0.63	201	0.070	2	2.45	0.009	0.08	0.4	0.03	3.7	0.1	<0.05	6	0.6	<0.2
1114854	Soil		20	33	0.66	158	0.091	2	2.14	0.010	0.09	0.2	0.03	4.3	0.2	<0.05	7	<0.5	<0.2
1114856	Soil		34	33	0.87	163	0.121	2	1.78	0.011	0.22	0.6	0.02	3.8	0.2	<0.05	8	0.5	<0.2
1114860	Soil		17	29	0.32	559	0.061	1	1.77	0.006	0.05	0.2	0.06	2.3	<0.1	<0.05	9	<0.5	<0.2
1114866	Soil		33	29	0.48	206	0.052	<1	1.99	0.008	0.05	0.2	0.04	4.2	0.1	<0.05	6	<0.5	<0.2
1114859	Soil		6	12	0.15	208	0.036	2	0.97	0.009	0.02	0.2	0.04	1.1	<0.1	<0.05	5	<0.5	<0.2
1114861	Soil		26	33	0.35	548	0.055	2	2.41	0.007	0.04	0.2	0.07	2.9	<0.1	<0.05	7	0.6	<0.2
1114865	Soil		13	31	0.46	156	0.022	2	2.17	0.007	0.06	1.1	0.03	3.8	0.2	<0.05	6	<0.5	<0.2
1114864	Soil		3	6	0.09	42	0.023	2	0.57	0.015	0.02	0.5	<0.01	0.6	<0.1	<0.05	3	<0.5	<0.2
1114852	Soil		25	31	0.64	251	0.080	1	1.79	0.011	0.07	0.5	0.03	5.3	0.1	<0.05	5	<0.5	<0.2
1114857	Soil		14	32	0.50	141	0.062	3	2.12	0.010	0.05	0.2	0.02	3.3	<0.1	<0.05	7	<0.5	<0.2
1115659	Soil		16	36	0.89	292	0.051	1	2.00	0.011	0.04	<0.1	0.04	5.6	<0.1	<0.05	6	<0.5	<0.2
1115658	Soil		13	26	0.51	279	0.052	2	1.68	0.012	0.04	0.1	0.04	3.4	<0.1	<0.05	5	<0.5	<0.2
1115660	Soil		19	38	0.76	284	0.033	<1	1.84	0.009	0.05	<0.1	0.06	4.2	<0.1	<0.05	6	<0.5	<0.2

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

Project: ECH
Report Date: August 13, 2011

CERTIFICATE OF ANALYSIS DAW11000087.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1115661	Soil		0.5	18.3	11.1	57	<0.1	20.0	7.0	219	1.74	2.2	1.0	1.3	9.2	18	<0.1	0.2	0.2	23	0.22	0.021
1115662	Soil		1.2	49.1	13.0	86	0.2	38.9	11.8	405	3.02	11.8	1.8	7.5	8.7	29	0.1	0.4	0.3	53	0.33	0.033
1115651	Soil		1.0	33.6	14.0	61	0.2	23.9	10.0	407	2.30	4.2	1.7	2.4	3.9	33	0.1	0.3	0.3	44	0.45	0.046
1115656	Soil		1.4	43.3	13.6	75	0.2	26.6	10.0	297	2.95	9.4	2.0	4.1	5.5	34	<0.1	0.4	0.2	55	0.36	0.035
1115657	Soil		1.4	41.0	17.6	72	0.2	23.8	10.7	328	2.88	9.3	1.9	4.0	4.9	34	0.2	0.4	0.2	56	0.36	0.039
1115654	Soil		1.8	40.3	10.8	73	0.4	29.9	13.1	391	2.86	6.8	2.0	4.0	3.4	36	0.2	0.4	0.2	58	0.40	0.046
1115655	Soil		1.7	47.8	13.7	86	0.3	29.5	11.1	413	2.79	9.1	2.0	3.8	4.8	34	0.2	0.4	0.2	54	0.38	0.041
1115653	Soil		2.0	45.5	11.0	81	0.4	35.4	17.2	615	3.03	6.7	2.5	4.7	3.1	44	0.3	0.5	0.2	59	0.52	0.063
1115652	Soil		1.5	43.0	12.8	73	0.2	26.4	13.1	511	2.88	7.1	1.8	3.1	3.5	32	0.2	0.4	0.3	58	0.39	0.043
1115675	Soil		1.0	40.7	11.4	66	0.2	30.1	14.3	501	2.97	7.5	2.4	4.2	4.9	51	0.2	0.4	0.4	64	0.58	0.048
1115674	Soil		1.3	54.6	14.9	79	0.3	37.0	15.5	719	3.25	9.7	4.8	2.0	5.5	68	0.3	0.5	0.6	68	0.77	0.056
1115673	Soil		1.0	49.5	13.6	72	0.2	32.8	13.0	500	2.92	7.7	2.5	2.9	4.7	56	0.3	0.4	0.6	66	0.77	0.061
1115672	Soil		0.5	107.2	17.5	60	0.3	43.3	15.1	762	2.93	6.2	3.7	6.3	7.9	86	0.1	0.4	0.3	66	0.91	0.050
1115670	Soil		0.3	18.7	31.4	58	<0.1	13.2	3.5	113	1.36	2.7	1.2	1.2	16.2	12	<0.1	0.1	0.3	12	0.11	0.017
1115671	Soil		0.5	15.0	22.8	52	<0.1	11.9	5.1	268	1.82	3.0	2.1	4.4	17.1	18	0.2	0.2	0.2	17	0.19	0.025
1115668	Soil		0.9	27.6	16.4	51	0.1	15.9	9.4	337	2.35	4.5	2.5	1.6	9.2	45	0.2	0.2	0.6	42	0.68	0.030
1115669	Soil		0.4	10.3	13.3	42	<0.1	5.9	2.9	109	1.34	2.9	0.9	1.2	12.9	15	<0.1	0.2	0.3	19	0.16	0.007
1115665	Soil		0.8	53.1	27.2	79	0.4	47.6	13.5	455	3.25	11.9	4.8	3.4	13.2	37	0.4	0.4	0.3	43	0.46	0.051
1115666	Soil		2.5	53.0	15.4	57	0.5	47.0	20.1	1077	3.46	17.7	8.3	2.5	7.0	63	0.5	0.4	0.2	35	0.99	0.061
1115663	Soil		1.3	52.4	12.8	91	0.3	36.6	9.9	380	3.10	9.9	2.2	3.8	7.2	35	0.1	0.4	0.3	55	0.38	0.039
1115664	Soil		1.5	56.7	19.3	88	0.5	46.9	16.3	401	3.48	9.4	4.0	3.5	8.1	41	0.5	0.5	0.3	55	0.49	0.043
1115684	Soil		2.0	57.6	17.8	92	0.3	35.9	12.4	501	3.33	15.2	1.7	3.3	5.9	60	0.2	0.5	0.2	69	0.56	0.055
1115683	Soil		2.2	49.0	18.1	92	0.2	32.8	12.1	605	3.04	12.9	1.2	2.7	5.0	50	0.2	0.4	0.2	63	0.44	0.054
1115682	Soil		1.1	55.8	18.0	85	0.2	31.5	11.1	429	2.92	14.9	1.0	3.0	5.3	49	0.2	0.5	0.4	64	0.54	0.042
1115667	Soil		2.8	84.5	24.2	134	0.8	53.2	13.3	407	3.33	36.0	5.8	3.9	8.3	49	0.8	0.5	0.4	53	0.74	0.063
1115681	Soil		1.4	54.9	19.4	84	0.2	31.2	12.0	460	2.95	16.0	1.0	3.0	5.6	47	0.2	0.5	0.4	67	0.49	0.038
1115680	Soil		1.0	39.9	15.8	73	0.2	25.8	9.6	284	2.56	8.5	1.3	3.3	5.1	48	0.2	0.5	0.5	58	0.43	0.041
1115679	Soil		0.6	55.7	13.5	72	0.2	29.4	13.0	449	2.96	4.3	2.1	3.2	3.3	60	0.3	0.4	0.2	69	0.73	0.047
1115678	Soil		0.7	47.0	10.4	69	0.1	23.1	14.7	526	3.01	4.3	2.0	3.5	2.8	58	0.2	0.4	0.2	70	0.65	0.051
1115676	Soil		1.0	34.7	10.4	53	0.1	27.0	13.2	557	2.75	7.2	3.3	3.6	3.8	57	0.3	0.4	0.4	63	0.68	0.053

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1115661	Soil		42	28	0.52	212	0.011	1	1.13	0.005	0.08	<0.1	0.02	1.8	<0.1	<0.05	4	<0.5	<0.2
1115662	Soil		27	43	0.84	317	0.047	<1	2.09	0.008	0.07	<0.1	0.04	4.8	<0.1	<0.05	6	0.6	<0.2
1115651	Soil		19	33	0.69	381	0.045	2	1.71	0.012	0.05	<0.1	0.04	3.3	<0.1	<0.05	5	0.9	<0.2
1115656	Soil		18	34	0.63	364	0.073	<1	2.01	0.012	0.05	<0.1	0.04	4.0	<0.1	<0.05	6	0.8	<0.2
1115657	Soil		18	31	0.57	290	0.066	<1	1.97	0.012	0.06	0.1	0.05	3.9	<0.1	<0.05	6	<0.5	<0.2
1115654	Soil		16	36	0.64	508	0.069	<1	2.02	0.012	0.04	0.1	0.05	3.8	<0.1	<0.05	6	0.7	<0.2
1115655	Soil		18	37	0.67	373	0.062	1	1.94	0.012	0.05	0.1	0.04	4.3	<0.1	<0.05	6	0.7	<0.2
1115653	Soil		17	37	0.66	556	0.058	2	1.89	0.013	0.04	0.1	0.05	4.1	<0.1	<0.05	5	1.1	<0.2
1115652	Soil		18	34	0.73	454	0.061	1	1.95	0.011	0.05	0.1	0.04	3.7	<0.1	<0.05	6	0.7	<0.2
1115675	Soil		16	39	0.74	267	0.097	1	2.05	0.022	0.08	0.1	0.04	4.9	<0.1	<0.05	6	1.1	<0.2
1115674	Soil		19	43	0.82	312	0.092	2	2.34	0.023	0.09	<0.1	0.04	5.4	<0.1	<0.05	7	1.1	0.2
1115673	Soil		18	41	0.72	295	0.098	1	1.92	0.027	0.08	<0.1	0.03	5.1	<0.1	<0.05	6	1.3	<0.2
1115672	Soil		63	56	0.77	430	0.054	1	2.26	0.016	0.09	0.1	0.09	10.0	<0.1	<0.05	6	1.2	<0.2
1115670	Soil		68	11	0.30	149	0.005	<1	0.90	0.004	0.12	<0.1	<0.01	1.2	<0.1	<0.05	3	<0.5	<0.2
1115671	Soil		57	18	0.27	212	0.013	<1	1.09	0.006	0.15	<0.1	<0.01	1.7	0.1	<0.05	4	<0.5	<0.2
1115668	Soil		35	26	0.56	304	0.031	1	1.60	0.010	0.10	<0.1	0.02	3.1	<0.1	<0.05	5	0.6	<0.2
1115669	Soil		39	11	0.30	120	0.025	<1	0.98	0.006	0.11	<0.1	<0.01	2.3	<0.1	<0.05	3	<0.5	<0.2
1115665	Soil		59	29	0.65	279	0.024	<1	2.23	0.008	0.09	<0.1	0.07	5.6	<0.1	<0.05	6	1.3	<0.2
1115666	Soil		81	26	0.60	253	0.024	<1	1.68	0.010	0.07	<0.1	0.06	4.0	<0.1	0.07	4	2.4	<0.2
1115663	Soil		25	42	0.78	288	0.068	<1	2.22	0.013	0.07	<0.1	0.05	4.9	<0.1	<0.05	6	<0.5	<0.2
1115664	Soil		30	35	0.70	282	0.065	1	2.08	0.015	0.07	0.1	0.05	4.9	<0.1	<0.05	6	1.1	<0.2
1115684	Soil		19	39	0.68	581	0.080	2	2.01	0.024	0.08	0.1	0.03	5.8	<0.1	<0.05	6	0.9	<0.2
1115683	Soil		15	34	0.60	447	0.078	2	1.75	0.022	0.08	0.1	0.03	4.3	<0.1	<0.05	5	0.8	<0.2
1115682	Soil		19	38	0.65	308	0.093	1	2.01	0.029	0.07	0.1	0.05	4.8	<0.1	<0.05	6	1.1	<0.2
1115667	Soil		31	36	0.89	185	0.036	1	2.08	0.010	0.08	<0.1	0.06	3.7	<0.1	<0.05	6	2.4	<0.2
1115681	Soil		19	39	0.62	297	0.094	<1	1.94	0.026	0.06	0.1	0.04	4.8	<0.1	<0.05	6	0.9	<0.2
1115680	Soil		18	34	0.60	265	0.091	1	1.83	0.026	0.06	0.1	0.04	3.8	<0.1	<0.05	5	0.5	<0.2
1115679	Soil		16	37	0.75	311	0.098	1	2.11	0.025	0.07	<0.1	0.04	6.2	<0.1	<0.05	7	1.3	<0.2
1115678	Soil		13	32	0.72	336	0.102	2	2.16	0.021	0.06	0.1	0.04	5.5	<0.1	<0.05	7	0.6	<0.2
1115676	Soil		16	37	0.65	315	0.090	1	1.92	0.021	0.06	0.1	0.04	4.5	<0.1	<0.05	6	0.9	<0.2

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

Project: ECH
Report Date: August 13, 2011

CERTIFICATE OF ANALYSIS DAW11000087.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1115677	Soil	0.8	46.4	8.8	72	0.1	23.2	16.0	584	3.42	5.4	1.5	2.2	3.2	60	<0.1	0.4	0.1	79	0.78	0.057
1114053	Soil	1.2	17.8	10.5	63	0.1	15.5	9.6	438	3.01	6.6	3.8	8.2	12.3	23	0.2	0.4	0.6	55	0.30	0.064
1114054	Soil	0.6	14.4	11.1	56	<0.1	14.4	7.4	175	2.46	6.5	3.2	3.5	5.5	23	0.1	0.3	0.9	53	0.26	0.068
1114059	Soil	0.5	15.2	13.5	50	<0.1	13.8	9.8	366	2.16	5.1	2.7	2.9	5.7	21	0.2	0.4	0.7	49	0.25	0.044
1114058	Soil	1.3	14.9	11.4	61	0.1	15.5	32.0	3538	3.04	7.4	3.1	2.5	1.4	20	0.3	0.4	0.6	56	0.22	0.074
1114057	Soil	0.5	13.5	10.9	50	<0.1	13.6	6.1	166	2.06	5.0	2.0	3.1	2.4	22	0.1	0.4	0.7	46	0.24	0.053
1114056	Soil	0.4	13.5	11.7	54	0.1	14.4	7.1	148	2.19	5.3	2.6	2.8	2.1	20	0.1	0.4	0.8	47	0.24	0.049
1114055	Soil	0.5	13.2	10.8	53	<0.1	14.7	8.6	291	2.20	6.2	2.5	0.6	3.3	18	0.1	0.3	0.7	47	0.24	0.054
1114052	Soil	0.9	15.9	19.7	53	0.2	12.7	11.9	349	2.44	6.6	11.1	2.1	3.0	21	0.2	0.3	0.6	45	0.26	0.073
1114060	Soil	0.4	11.9	10.3	39	<0.1	9.3	4.0	114	1.54	4.2	1.8	1.1	1.4	16	0.1	0.2	0.5	32	0.17	0.051
1114070	Soil	0.8	10.7	7.7	48	<0.1	11.1	16.6	1702	2.47	5.9	2.9	1.9	3.5	17	0.2	0.3	0.1	52	0.25	0.066
1114051	Soil	1.4	21.9	43.6	55	0.6	16.4	9.2	1373	2.29	4.9	50.2	3.9	1.9	48	0.3	0.3	0.9	32	0.78	0.083
1114068	Soil	0.6	13.7	9.2	48	0.1	12.1	6.1	159	2.30	5.6	2.1	2.2	3.7	16	<0.1	0.3	0.2	46	0.20	0.058
1114069	Soil	0.4	10.0	8.0	47	<0.1	11.0	7.1	188	2.04	4.8	2.1	1.5	3.7	15	<0.1	0.5	0.2	47	0.22	0.055
1114065	Soil	0.7	13.1	12.8	55	0.1	12.3	6.5	185	2.40	5.5	2.6	6.3	6.9	15	0.2	0.3	0.5	44	0.21	0.062
1114067	Soil	1.0	16.5	12.9	56	<0.1	12.9	14.8	805	2.70	6.2	2.7	4.4	5.5	15	0.1	0.3	0.3	55	0.18	0.058
1114066	Soil	0.7	18.1	11.6	58	<0.1	16.8	8.5	201	2.51	6.1	2.5	2.8	7.5	19	0.1	0.4	0.2	50	0.26	0.057
1114064	Soil	0.7	15.1	9.3	56	<0.1	13.8	8.7	331	2.46	5.0	1.6	2.6	8.6	16	0.2	0.3	0.2	48	0.25	0.052
1114062	Soil	0.6	11.2	13.6	61	0.1	12.2	7.8	417	2.01	4.4	3.6	4.1	3.8	19	0.2	0.3	0.8	36	0.26	0.056
1114063	Soil	0.4	7.8	8.2	43	<0.1	9.4	4.6	181	1.56	3.9	3.0	1.1	3.2	15	0.2	0.2	0.3	34	0.21	0.049
1114083	Soil	0.5	11.9	9.5	56	0.1	13.3	8.5	314	2.28	4.3	1.5	1.5	2.9	22	0.2	0.3	0.2	47	0.27	0.054
1114061	Soil	0.5	14.8	12.3	49	0.1	13.3	6.4	171	2.22	6.3	3.9	1.1	4.2	19	0.2	0.4	0.7	49	0.24	0.051
1114082	Soil	0.5	12.3	9.5	55	<0.1	14.2	8.5	309	2.25	4.1	1.6	2.2	3.1	22	0.2	0.3	0.2	48	0.26	0.054
1114081	Soil	0.3	12.9	8.6	53	<0.1	13.2	8.0	303	1.93	3.6	1.6	2.1	2.7	21	0.1	0.3	0.1	46	0.25	0.049
1114078	Soil	0.2	12.2	7.6	47	<0.1	10.3	5.7	165	1.74	2.3	2.1	3.2	4.8	17	0.1	0.3	0.1	35	0.26	0.057
1114079	Soil	0.6	13.2	9.1	63	<0.1	13.2	8.2	186	2.77	6.8	2.3	1.4	4.3	20	0.2	0.3	0.2	59	0.25	0.062
1114080	Soil	0.3	11.8	8.0	52	<0.1	12.1	6.3	171	1.78	3.3	1.7	3.5	3.7	21	0.2	0.3	0.2	38	0.27	0.045
1114077	Soil	0.3	12.1	8.1	50	<0.1	11.2	6.2	183	2.01	3.8	2.1	2.7	5.2	18	0.2	0.3	0.1	45	0.29	0.063
1114076	Soil	0.4	12.2	8.5	50	<0.1	12.2	7.9	278	2.05	3.9	2.0	1.3	3.9	18	0.2	0.3	0.2	45	0.25	0.053
1114074	Soil	0.6	12.0	9.6	62	<0.1	13.3	8.2	381	2.24	4.8	3.0	1.6	3.9	20	0.2	0.3	0.2	51	0.26	0.054

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Project: ECH
Report Date: August 13, 2011

CERTIFICATE OF ANALYSIS DAW11000087.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1115677	Soil		13	33	0.81	341	0.105	<1	2.14	0.019	0.07	0.1	0.05	6.0	<0.1	<0.05	7	0.8	<0.2
1114053	Soil		39	29	0.41	270	0.050	1	1.79	0.010	0.07	0.2	0.07	4.8	0.1	<0.05	6	0.7	<0.2
1114054	Soil		17	27	0.34	215	0.053	<1	1.70	0.010	0.05	0.1	0.06	3.4	0.1	<0.05	5	0.7	<0.2
1114059	Soil		15	27	0.35	177	0.073	1	1.78	0.010	0.05	0.1	0.05	3.4	0.1	<0.05	5	<0.5	<0.2
1114058	Soil		13	29	0.34	248	0.045	1	1.80	0.013	0.05	0.1	0.07	3.5	0.1	<0.05	5	<0.5	<0.2
1114057	Soil		12	25	0.35	189	0.064	1	1.66	0.012	0.05	0.1	0.05	3.0	0.1	<0.05	5	0.7	<0.2
1114056	Soil		10	26	0.36	185	0.046	2	1.73	0.011	0.05	0.2	0.06	2.7	0.1	<0.05	5	<0.5	<0.2
1114055	Soil		11	24	0.33	171	0.050	1	1.60	0.010	0.04	0.1	0.05	2.9	<0.1	<0.05	5	<0.5	<0.2
1114052	Soil		16	24	0.25	226	0.012	1	1.52	0.011	0.05	0.2	0.08	4.2	0.1	<0.05	4	<0.5	<0.2
1114060	Soil		8	20	0.24	133	0.036	1	1.50	0.011	0.04	<0.1	0.05	2.1	<0.1	<0.05	5	<0.5	<0.2
1114070	Soil		12	22	0.33	165	0.058	2	1.38	0.011	0.05	0.2	0.05	3.1	<0.1	<0.05	5	<0.5	<0.2
1114051	Soil		15	23	0.28	324	0.005	1	2.08	0.012	0.09	<0.1	0.09	4.3	0.2	0.07	5	<0.5	<0.2
1114068	Soil		14	24	0.34	159	0.056	<1	1.75	0.011	0.05	0.2	0.05	3.2	0.1	<0.05	6	<0.5	<0.2
1114069	Soil		12	22	0.34	138	0.055	<1	1.47	0.011	0.05	0.2	0.05	3.1	0.1	<0.05	5	<0.5	<0.2
1114065	Soil		19	23	0.37	148	0.037	<1	1.74	0.009	0.07	0.2	0.07	3.0	0.1	<0.05	6	<0.5	<0.2
1114067	Soil		16	24	0.34	145	0.057	2	1.74	0.010	0.07	0.3	0.04	3.1	0.1	<0.05	7	<0.5	<0.2
1114066	Soil		18	26	0.46	190	0.059	<1	1.78	0.010	0.07	0.2	0.04	3.5	0.1	<0.05	5	<0.5	<0.2
1114064	Soil		16	25	0.41	132	0.072	<1	1.60	0.010	0.08	0.2	0.03	2.9	0.1	<0.05	5	<0.5	<0.2
1114062	Soil		11	26	0.31	185	0.045	<1	1.85	0.009	0.06	0.1	0.06	2.8	0.1	<0.05	6	<0.5	<0.2
1114063	Soil		12	17	0.26	117	0.048	1	1.27	0.009	0.06	0.2	0.02	2.1	0.1	<0.05	4	<0.5	<0.2
1114083	Soil		12	25	0.38	171	0.070	1	1.74	0.012	0.07	0.1	0.08	3.5	0.1	<0.05	6	<0.5	<0.2
1114061	Soil		13	25	0.31	178	0.050	<1	1.83	0.010	0.05	0.1	0.07	3.4	0.1	<0.05	5	<0.5	<0.2
1114082	Soil		12	25	0.39	171	0.072	1	1.79	0.013	0.07	0.1	0.07	3.4	0.1	<0.05	6	<0.5	<0.2
1114081	Soil		11	23	0.36	164	0.070	1	1.68	0.012	0.06	0.1	0.05	3.2	0.1	<0.05	6	<0.5	<0.2
1114078	Soil		13	21	0.37	157	0.084	1	1.54	0.012	0.07	0.3	0.04	3.3	0.1	<0.05	6	<0.5	<0.2
1114079	Soil		13	26	0.40	196	0.075	1	1.87	0.013	0.07	0.1	0.05	3.9	0.1	<0.05	6	<0.5	<0.2
1114080	Soil		13	23	0.36	179	0.072	<1	1.57	0.013	0.06	0.2	0.05	3.3	0.1	<0.05	5	<0.5	<0.2
1114077	Soil		14	22	0.38	164	0.086	1	1.62	0.012	0.07	0.2	0.04	3.5	0.1	<0.05	6	<0.5	<0.2
1114076	Soil		13	22	0.35	169	0.063	<1	1.56	0.012	0.05	0.1	0.05	3.3	0.2	<0.05	5	<0.5	<0.2
1114074	Soil		13	26	0.41	186	0.066	1	1.77	0.014	0.05	0.2	0.07	3.5	0.1	<0.05	6	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1114075	Soil	0.4	13.6	8.6	49	<0.1	12.1	7.4	246	1.91	3.5	1.9	2.5	4.4	20	0.1	0.3	0.2	43	0.27	0.051
1114073	Soil	0.7	15.1	8.8	54	<0.1	13.3	12.6	466	3.33	7.3	2.7	4.5	5.0	19	0.1	0.3	0.2	56	0.24	0.057
1114072	Soil	0.8	12.8	8.8	57	<0.1	13.5	9.8	465	3.15	9.3	2.6	1.4	4.8	19	0.3	0.5	0.2	70	0.24	0.059
1114071	Soil	0.5	13.4	8.5	57	<0.1	12.8	8.2	347	2.41	4.9	3.7	3.1	3.7	19	0.2	0.3	0.2	49	0.27	0.056
1115604	Soil	0.4	27.4	7.2	69	<0.1	32.0	16.1	484	3.57	4.6	3.7	2.1	6.2	27	0.2	0.3	0.2	82	0.48	0.094
1115616	Soil	0.5	25.2	9.0	61	<0.1	21.9	12.6	452	3.00	5.2	5.4	3.2	7.1	20	<0.1	0.3	0.3	68	0.37	0.070
1115621	Soil	0.6	21.5	11.2	68	<0.1	21.1	10.3	280	2.97	6.0	8.7	5.8	7.1	20	0.1	0.4	0.2	69	0.36	0.071
1115618	Soil	0.7	17.5	10.4	63	<0.1	19.6	10.7	425	2.86	6.1	2.7	3.0	4.1	17	0.2	0.4	0.3	67	0.24	0.058
1115617	Soil	0.6	16.7	8.3	55	<0.1	20.7	10.3	386	2.62	5.6	2.9	1.5	4.1	16	0.1	0.3	0.2	60	0.29	0.076
1115619	Soil	0.4	30.9	10.4	71	0.1	25.8	12.1	333	2.98	6.9	7.8	5.1	5.8	26	0.2	0.5	0.3	64	0.44	0.084
1115620	Soil	0.8	27.1	9.0	63	<0.1	21.3	11.0	440	2.99	6.2	3.8	4.9	3.1	20	0.1	0.4	0.2	67	0.28	0.072
1115605	Soil	1.0	14.9	8.0	60	<0.1	18.5	9.8	410	3.29	4.3	1.9	4.5	5.0	17	0.2	0.3	0.2	69	0.28	0.047
1115606	Soil	0.8	20.1	9.0	57	<0.1	20.7	10.8	366	3.21	5.5	1.7	2.1	4.6	16	0.1	0.3	0.2	71	0.24	0.058
1115602	Soil	0.5	15.7	13.0	61	<0.1	19.7	8.8	262	2.39	3.8	3.0	2.9	4.6	18	0.2	0.4	0.2	53	0.29	0.062
1115603	Soil	0.6	24.0	9.8	64	<0.1	27.4	12.3	363	2.99	5.0	2.7	0.8	5.1	27	0.1	0.3	0.1	67	0.36	0.063
1115601	Soil	0.5	19.9	12.3	51	<0.1	20.1	10.0	344	2.71	6.1	1.7	3.0	5.1	14	0.2	0.3	0.2	53	0.19	0.041
1115633	Soil	0.5	12.7	8.1	57	<0.1	14.4	8.4	275	2.07	4.3	3.2	5.3	4.9	16	0.2	0.3	0.5	48	0.26	0.062
1115613	Soil	0.6	12.8	12.2	51	<0.1	12.4	10.5	437	2.25	6.2	6.7	6.4	5.4	15	0.2	0.3	0.5	55	0.21	0.056
1115634	Soil	0.6	10.8	9.3	58	<0.1	13.2	10.4	528	2.26	5.1	3.6	1.3	6.2	17	0.2	0.3	0.2	49	0.24	0.065
1115635	Soil	0.7	11.0	9.0	45	<0.1	10.4	6.2	208	2.05	4.3	1.3	2.1	5.9	10	0.2	0.3	0.2	45	0.13	0.030
1115614	Soil	0.8	15.5	12.3	67	0.1	17.9	10.7	402	2.55	6.2	6.3	1.3	5.9	24	0.2	0.3	0.3	51	0.35	0.073
1115607	Soil	0.5	18.6	10.6	67	<0.1	20.4	11.7	437	2.61	4.5	6.0	<0.5	7.5	18	0.3	0.3	0.3	58	0.29	0.063
1115612	Soil	0.4	5.6	4.9	17	<0.1	2.7	2.1	91	0.85	2.1	2.8	<0.5	1.0	8	<0.1	<0.1	0.1	23	0.07	0.018
1115610	Soil	0.7	18.7	11.0	47	0.2	12.1	7.7	230	2.88	7.2	16.8	<0.5	2.9	13	0.2	0.3	0.8	46	0.16	0.069
1115609	Soil	0.8	17.6	11.3	74	<0.1	19.1	10.9	480	3.13	6.7	5.1	3.4	5.9	18	0.2	0.4	0.7	67	0.30	0.059
1115626	Soil	0.5	18.1	9.8	68	<0.1	20.6	11.9	435	2.66	4.3	4.6	1.2	7.3	17	0.4	0.3	0.3	59	0.30	0.063
1115625	Soil	0.4	21.0	9.3	62	<0.1	22.0	10.0	398	2.64	4.7	5.3	4.0	6.2	21	0.2	0.3	0.2	59	0.36	0.079
1115624	Soil	0.6	22.0	13.0	68	<0.1	23.7	13.8	707	2.98	6.5	3.7	3.3	7.1	20	0.4	0.4	0.3	64	0.32	0.074
1115608	Soil	0.8	18.8	20.3	106	<0.1	19.8	11.4	624	2.92	6.1	11.7	2.1	7.9	19	0.5	0.3	0.6	61	0.25	0.057
1115622	Soil	0.8	22.3	9.6	70	0.1	19.2	15.8	865	3.23	5.6	6.9	3.4	7.1	23	0.2	0.4	0.4	70	0.44	0.099

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

Project: ECH
Report Date: August 13, 2011

CERTIFICATE OF ANALYSIS DAW11000087.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1114075	Soil	12	23	0.37	167	0.071	<1	1.57	0.013	0.06	0.2	0.06	3.4	0.1	<0.05	5	<0.5	<0.2
1114073	Soil	16	25	0.38	200	0.072	<1	1.74	0.012	0.06	0.1	0.06	4.0	0.1	<0.05	6	<0.5	<0.2
1114072	Soil	16	25	0.41	187	0.071	1	1.76	0.014	0.06	0.1	0.06	3.8	0.2	<0.05	6	<0.5	<0.2
1114071	Soil	14	25	0.41	184	0.066	1	1.63	0.014	0.05	0.2	0.06	3.4	0.1	<0.05	6	<0.5	<0.2
1115604	Soil	18	57	1.22	352	0.196	1	2.26	0.018	0.60	0.3	0.02	5.6	0.6	<0.05	8	<0.5	<0.2
1115616	Soil	20	42	0.76	243	0.132	1	1.89	0.015	0.17	0.7	0.04	5.1	0.4	<0.05	7	<0.5	<0.2
1115621	Soil	19	42	0.73	195	0.124	1	2.03	0.016	0.21	0.3	0.05	5.7	0.5	<0.05	8	<0.5	<0.2
1115618	Soil	11	35	0.61	154	0.110	<1	1.70	0.013	0.13	0.7	0.02	3.1	0.3	<0.05	7	<0.5	<0.2
1115617	Soil	13	39	0.69	124	0.109	1	1.84	0.012	0.16	0.6	0.03	3.3	0.3	<0.05	6	<0.5	<0.2
1115619	Soil	18	39	0.73	261	0.117	1	1.80	0.022	0.18	0.4	0.04	5.3	0.3	<0.05	6	<0.5	<0.2
1115620	Soil	16	34	0.69	205	0.099	<1	1.91	0.016	0.13	0.7	0.04	3.5	0.3	<0.05	7	<0.5	<0.2
1115605	Soil	10	34	0.77	152	0.174	<1	1.69	0.014	0.29	0.9	0.03	4.0	0.3	<0.05	8	<0.5	<0.2
1115606	Soil	12	41	0.69	134	0.146	2	2.22	0.012	0.23	0.5	0.03	3.7	0.3	<0.05	7	<0.5	<0.2
1115602	Soil	12	44	0.65	150	0.106	2	1.94	0.010	0.26	0.3	0.04	4.2	0.5	<0.05	7	<0.5	<0.2
1115603	Soil	17	43	0.80	224	0.137	2	2.32	0.012	0.27	0.3	0.01	5.2	0.4	<0.05	7	<0.5	<0.2
1115601	Soil	11	34	0.46	97	0.094	3	2.11	0.009	0.10	0.2	0.03	3.6	0.2	<0.05	6	<0.5	<0.2
1115633	Soil	12	24	0.44	143	0.081	1	1.29	0.012	0.06	0.3	0.01	2.9	0.2	<0.05	4	<0.5	<0.2
1115613	Soil	15	23	0.36	173	0.079	1	1.46	0.014	0.07	1.4	0.02	3.3	0.3	<0.05	5	<0.5	<0.2
1115634	Soil	14	23	0.38	147	0.072	2	1.46	0.014	0.07	0.3	0.02	2.6	0.4	<0.05	5	<0.5	<0.2
1115635	Soil	10	18	0.29	75	0.071	2	1.34	0.010	0.05	0.4	0.02	1.9	0.4	<0.05	5	<0.5	<0.2
1115614	Soil	18	27	0.48	236	0.081	1	1.66	0.014	0.09	0.5	0.03	3.9	0.4	<0.05	5	<0.5	<0.2
1115607	Soil	15	33	0.61	186	0.119	2	1.69	0.015	0.14	0.5	0.01	4.0	0.4	<0.05	6	<0.5	<0.2
1115612	Soil	7	6	0.11	44	0.040	<1	0.67	0.024	0.03	0.1	0.02	1.3	0.1	<0.05	3	<0.5	<0.2
1115610	Soil	18	21	0.29	163	0.045	2	1.61	0.019	0.07	0.5	0.04	3.8	0.7	<0.05	5	<0.5	<0.2
1115609	Soil	13	34	0.61	169	0.105	2	1.82	0.011	0.12	0.5	0.02	3.9	0.4	<0.05	7	<0.5	<0.2
1115626	Soil	14	32	0.61	171	0.120	1	1.68	0.015	0.15	0.6	0.03	3.8	0.4	<0.05	6	<0.5	<0.2
1115625	Soil	18	35	0.62	205	0.109	1	1.52	0.016	0.17	0.4	0.01	4.4	0.3	<0.05	5	<0.5	<0.2
1115624	Soil	12	43	0.69	175	0.119	2	2.23	0.014	0.18	0.5	0.02	4.4	0.5	<0.05	6	<0.5	<0.2
1115608	Soil	19	34	0.56	209	0.107	2	1.89	0.014	0.14	0.6	0.03	4.6	1.2	<0.05	7	<0.5	<0.2
1115622	Soil	20	40	0.73	259	0.112	2	1.93	0.014	0.16	0.4	0.03	5.6	0.5	<0.05	7	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1115611	Soil	0.6	15.9	10.4	61	<0.1	16.4	12.1	610	3.10	8.2	6.7	1.1	5.0	18	0.2	0.3	0.8	59	0.25	0.059
1115623	Soil	0.4	24.8	10.2	72	<0.1	21.1	12.3	369	2.94	3.9	6.7	<0.5	7.3	20	0.3	0.3	0.4	65	0.42	0.099
1115615	Soil	0.3	28.6	8.1	70	<0.1	21.7	10.6	329	2.91	4.1	8.4	17.0	9.8	24	0.3	0.3	0.6	68	0.45	0.088
1115955	Soil	0.5	52.9	4.3	121	<0.1	10.9	17.0	781	5.29	2.8	0.5	<0.5	2.7	21	<0.1	<0.1	<0.1	164	0.55	0.108
1115959	Soil	1.5	19.9	15.9	48	0.1	23.5	11.6	300	3.44	8.0	1.3	3.0	16.2	15	0.2	0.4	0.3	65	0.15	0.038
1115953	Soil	0.3	12.9	5.0	94	<0.1	15.3	19.5	507	3.56	2.9	0.3	1.0	1.2	98	<0.1	0.1	<0.1	111	0.77	0.104
1115960	Soil	1.2	16.7	12.7	53	<0.1	15.7	9.9	300	3.15	3.9	2.2	1.1	22.9	13	<0.1	0.2	0.4	42	0.16	0.034
1115954	Soil	1.7	30.6	6.9	161	<0.1	25.9	12.5	696	4.48	2.7	0.8	<0.5	3.0	17	0.3	<0.1	<0.1	143	0.30	0.104
1115958	Soil	0.9	24.0	13.7	47	<0.1	16.7	8.1	270	3.02	6.2	2.3	1.2	20.3	19	0.1	0.3	0.4	48	0.24	0.046
1115956	Soil	1.3	16.7	16.0	44	<0.1	14.7	8.6	317	2.34	2.6	2.9	<0.5	19.3	23	0.1	0.1	0.8	18	0.22	0.091
1115962	Soil	0.2	14.4	2.1	20	<0.1	29.1	15.9	350	5.14	0.8	1.0	<0.5	15.9	23	<0.1	<0.1	0.6	49	0.32	0.073
1115965	Soil	0.1	19.2	20.3	88	<0.1	48.2	17.2	535	4.18	1.0	1.0	0.6	8.5	31	<0.1	<0.1	0.2	87	0.47	0.054
1115963	Soil	0.7	25.5	15.9	60	<0.1	24.8	11.5	256	3.09	3.4	1.3	4.3	4.3	16	0.1	0.1	0.2	49	0.17	0.037
1115961	Soil	2.7	8.1	18.1	48	<0.1	10.3	12.0	736	2.84	4.5	1.8	0.5	11.6	7	<0.1	0.2	0.3	34	0.10	0.068
1115966	Soil	0.6	37.5	13.1	66	<0.1	29.4	16.2	614	4.44	3.2	1.6	<0.5	19.4	25	<0.1	0.2	0.3	63	0.41	0.113
1115748	Soil	1.1	36.8	11.8	103	0.3	10.0	9.3	361	3.19	4.0	2.4	2.0	4.5	55	0.2	0.2	0.1	56	0.66	0.062
1115964	Soil	0.2	44.1	6.7	57	<0.1	88.5	20.7	456	3.83	1.8	1.1	<0.5	8.0	34	<0.1	<0.1	0.1	90	0.63	0.102
1115967	Soil	0.5	32.8	8.6	59	<0.1	28.0	15.4	517	4.03	3.9	1.4	0.9	18.5	20	<0.1	0.2	0.3	60	0.32	0.088
1115957	Soil	2.3	9.3	9.9	54	<0.1	6.7	5.9	285	2.32	1.5	2.4	1.0	12.7	18	<0.1	<0.1	0.6	18	0.08	0.066
1115749	Soil	4.8	49.4	24.2	134	0.4	13.6	8.1	917	2.66	5.0	4.0	1.2	7.2	73	0.6	0.3	0.4	44	0.97	0.061
1115951	Soil	0.4	23.0	9.0	101	<0.1	22.5	15.0	673	3.80	6.1	0.5	0.5	2.4	100	0.1	0.2	<0.1	105	0.63	0.089
1115750	Soil	0.9	22.6	23.6	122	0.1	12.1	8.5	391	2.78	4.5	1.0	0.5	4.9	148	0.1	0.2	0.2	50	1.09	0.054
1115746	Soil	1.7	25.4	13.7	59	<0.1	20.7	11.7	344	3.66	9.4	1.1	1.4	5.1	26	0.1	0.5	0.2	74	0.15	0.030
1115952	Soil	0.9	26.3	10.5	105	<0.1	19.3	10.7	362	3.62	7.6	0.6	0.9	3.0	40	<0.1	0.3	0.1	87	0.33	0.040
1115747	Soil	1.8	13.4	11.0	50	<0.1	8.0	7.5	338	3.87	5.7	0.4	0.7	0.9	50	0.1	0.3	<0.1	89	0.13	0.050
1115745	Soil	1.9	27.0	10.4	95	<0.1	20.7	14.7	519	5.23	7.9	0.6	0.8	2.4	24	0.2	0.5	0.1	91	0.20	0.074
1115744	Soil	1.2	92.0	7.8	71	<0.1	12.2	7.5	291	2.88	5.2	0.9	0.7	5.3	18	<0.1	0.3	0.2	40	0.10	0.018
1115743	Soil	0.5	13.8	4.0	85	<0.1	23.3	17.5	457	3.53	2.6	0.3	0.6	1.4	80	<0.1	0.2	<0.1	72	0.19	0.022
1115742	Soil	0.7	36.9	6.8	95	<0.1	24.9	15.8	414	3.51	3.9	0.6	<0.5	2.1	78	0.1	0.2	<0.1	79	0.24	0.026
1115741	Soil	1.2	10.6	13.3	48	<0.1	11.1	5.9	311	1.82	4.3	0.3	0.6	0.7	30	0.1	0.2	0.2	62	0.14	0.058

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1115611	Soil		13	28	0.47	137	0.081	2	1.68	0.012	0.09	2.9	0.02	3.4	0.5	<0.05	5	<0.5	<0.2
1115623	Soil		22	41	0.77	173	0.144	1	1.68	0.018	0.27	0.7	0.01	5.5	0.5	<0.05	7	<0.5	<0.2
1115615	Soil		26	39	0.79	239	0.147	2	1.75	0.018	0.27	0.6	0.01	6.4	0.4	<0.05	7	<0.5	<0.2
1115955	Soil		15	25	2.80	298	0.215	<1	3.11	0.008	0.39	<0.1	<0.01	18.1	0.1	<0.05	17	0.6	<0.2
1115959	Soil		18	34	0.34	169	0.069	1	2.75	0.012	0.07	0.1	0.02	4.2	0.1	<0.05	6	0.7	<0.2
1115953	Soil		6	26	1.94	231	0.223	1	3.03	0.012	0.18	<0.1	<0.01	3.8	<0.1	<0.05	9	<0.5	<0.2
1115960	Soil		36	22	0.25	132	0.028	<1	1.44	0.009	0.07	0.1	<0.01	4.1	0.2	<0.05	4	<0.5	<0.2
1115954	Soil		11	64	1.81	161	0.225	<1	2.94	0.010	0.54	0.1	<0.01	5.3	0.2	<0.05	14	<0.5	<0.2
1115958	Soil		64	23	0.31	244	0.043	<1	1.72	0.010	0.09	0.1	0.03	5.3	0.1	<0.05	5	0.7	<0.2
1115956	Soil		25	11	0.12	86	0.011	<1	0.80	0.005	0.11	0.1	<0.01	2.1	0.1	<0.05	2	<0.5	<0.2
1115962	Soil		21	52	0.94	497	0.198	<1	2.95	0.014	1.37	0.2	<0.01	6.1	0.6	<0.05	15	<0.5	<0.2
1115965	Soil		24	198	1.98	270	0.099	<1	3.60	0.033	0.95	<0.1	<0.01	14.0	0.6	<0.05	14	0.6	<0.2
1115963	Soil		26	31	0.72	128	0.059	<1	1.99	0.008	0.14	0.1	0.01	2.8	0.2	<0.05	8	<0.5	<0.2
1115961	Soil		10	16	0.15	62	0.014	<1	0.96	0.006	0.09	0.1	<0.01	1.9	<0.1	<0.05	4	<0.5	<0.2
1115966	Soil		58	47	1.05	242	0.213	<1	2.91	0.010	1.12	0.1	<0.01	6.9	0.7	<0.05	10	0.5	<0.2
1115748	Soil		16	18	0.97	183	0.100	1	2.11	0.011	0.12	<0.1	0.05	3.6	<0.1	0.06	9	0.7	<0.2
1115964	Soil		23	154	2.33	362	0.149	<1	3.19	0.028	0.77	<0.1	<0.01	10.3	0.6	<0.05	11	<0.5	<0.2
1115967	Soil		43	41	0.90	221	0.186	<1	2.70	0.012	0.92	0.1	<0.01	5.9	0.6	<0.05	9	0.6	<0.2
1115957	Soil		10	8	0.03	31	0.004	1	0.35	0.005	0.11	0.2	<0.01	1.4	<0.1	<0.05	2	0.5	<0.2
1115749	Soil		46	23	0.45	178	0.028	2	1.73	0.011	0.11	<0.1	0.05	5.3	0.1	0.07	8	2.0	<0.2
1115951	Soil		10	48	1.50	184	0.170	1	2.51	0.010	0.14	<0.1	<0.01	6.0	0.1	<0.05	10	0.8	<0.2
1115750	Soil		13	18	0.73	202	0.115	1	2.75	0.010	0.17	<0.1	0.02	2.6	0.1	<0.05	10	0.8	<0.2
1115746	Soil		16	40	0.62	194	0.105	1	3.30	0.012	0.06	0.1	0.03	5.1	0.1	<0.05	7	0.9	<0.2
1115952	Soil		13	33	0.91	164	0.120	1	2.04	0.012	0.07	<0.1	<0.01	4.9	<0.1	<0.05	10	0.8	<0.2
1115747	Soil		3	16	0.45	90	0.182	<1	1.63	0.011	0.06	0.1	0.01	3.3	<0.1	<0.05	10	0.5	<0.2
1115745	Soil		7	30	1.51	231	0.134	1	3.76	0.011	0.18	0.1	<0.01	4.6	0.1	<0.05	10	0.8	<0.2
1115744	Soil		13	20	0.58	128	0.058	<1	1.96	0.010	0.12	<0.1	<0.01	2.1	<0.1	<0.05	7	0.5	<0.2
1115743	Soil		7	62	1.88	205	0.207	<1	2.86	0.008	0.27	<0.1	<0.01	2.0	0.1	<0.05	8	<0.5	<0.2
1115742	Soil		8	49	1.55	164	0.134	1	2.54	0.010	0.06	<0.1	<0.01	4.9	<0.1	<0.05	8	<0.5	<0.2
1115741	Soil		6	26	0.52	92	0.102	<1	1.15	0.009	0.10	<0.1	<0.01	1.2	<0.1	<0.05	8	0.6	<0.2

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600 - 666 Burrard St.
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Project: ECH
Report Date: August 13, 2011

CERTIFICATE OF ANALYSIS DAW11000087.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1115737	Soil		1.3	32.1	10.8	67	<0.1	14.1	8.2	417	3.70	5.0	0.7	1.0	2.9	14	0.2	0.4	0.2	54	0.12	0.032
1115740	Soil		0.2	41.6	3.7	87	<0.1	67.8	32.9	733	4.32	1.6	0.2	<0.5	0.3	63	<0.1	<0.1	<0.1	130	0.40	0.072
1115738	Soil		1.6	56.8	11.1	101	<0.1	19.3	17.3	471	5.37	4.1	0.8	0.7	6.8	13	<0.1	0.3	0.2	127	0.16	0.035
1115739	Soil		1.9	31.3	9.8	58	0.1	13.4	9.5	327	3.61	6.2	0.5	0.9	3.4	22	0.1	0.4	0.2	88	0.17	0.029
1115685	Soil		0.6	73.6	7.4	79	<0.1	31.3	21.1	747	3.66	2.0	0.7	<0.5	4.5	44	<0.1	0.2	0.1	76	0.41	0.106
1115759	Soil		1.7	35.7	13.0	92	<0.1	39.2	15.4	656	4.11	9.7	4.8	1.8	13.5	24	0.2	0.5	0.5	81	0.28	0.069
1115751	Soil		1.1	35.9	10.4	80	<0.1	29.6	14.0	324	3.78	8.2	2.2	3.3	9.4	23	0.1	0.3	1.1	69	0.26	0.062
1115758	Soil		0.9	23.9	7.9	63	<0.1	28.6	12.1	366	3.05	7.6	1.7	2.0	8.3	17	0.2	0.5	0.2	64	0.26	0.059
1115777	Soil		0.8	12.2	6.8	29	0.1	10.4	4.4	145	1.72	5.5	0.5	<0.5	1.3	10	<0.1	0.2	0.2	42	0.09	0.036
1115753	Soil		1.8	42.8	12.3	95	<0.1	37.8	17.0	397	4.44	5.3	1.7	3.8	8.5	24	0.1	0.3	1.3	70	0.35	0.059
1115783	Soil		0.9	31.3	14.7	87	<0.1	29.6	11.8	367	3.28	8.6	2.0	2.1	9.9	24	0.2	0.4	0.3	59	0.26	0.042
1115761	Soil		1.2	31.1	9.7	71	<0.1	31.3	13.2	524	3.31	7.8	2.7	3.1	8.9	21	0.3	0.5	0.3	70	0.32	0.087
1115757	Soil		1.0	23.4	10.1	70	<0.1	27.5	12.5	441	3.11	7.2	1.4	4.3	11.2	17	0.3	0.4	0.4	63	0.24	0.053
1115752	Soil		1.6	43.8	9.0	80	<0.1	28.3	14.6	475	4.69	6.8	2.4	5.4	9.9	22	<0.1	0.3	0.9	76	0.25	0.063
1115755	Soil		1.1	23.5	8.7	65	<0.1	26.9	11.3	314	2.97	7.5	0.7	1.5	3.9	16	0.2	0.5	0.6	58	0.19	0.051
1115754	Soil		1.6	42.0	8.8	97	<0.1	32.5	12.6	310	3.72	5.0	1.7	1.6	7.8	24	0.1	0.3	1.9	70	0.36	0.066
1115756	Soil		1.4	30.6	11.4	78	<0.1	30.2	13.6	278	3.38	7.2	1.7	2.9	10.5	14	0.1	0.4	1.0	69	0.20	0.048
1115773	Soil		1.7	51.6	11.5	58	0.3	30.5	10.9	255	3.09	10.8	2.0	2.3	2.3	22	0.4	0.4	0.4	67	0.19	0.078
1115779	Soil		1.0	20.7	11.4	63	<0.1	23.5	10.6	324	3.20	9.1	1.0	2.0	7.7	16	0.1	0.4	0.3	66	0.16	0.024
1115781	Soil		0.8	24.5	14.3	81	<0.1	26.2	11.9	390	3.40	10.2	1.4	1.6	9.1	14	0.2	0.4	0.3	58	0.17	0.038
1115776	Soil		0.6	18.2	5.7	24	<0.1	11.3	4.6	104	1.51	4.1	0.5	0.6	2.3	10	0.1	0.2	0.2	36	0.07	0.027
1115774	Soil		1.3	30.6	10.7	60	<0.1	29.1	12.2	310	3.25	10.9	1.0	2.3	5.8	17	0.1	0.4	0.3	75	0.17	0.026
1115763	Soil		0.9	22.4	11.0	63	<0.1	26.1	11.0	396	3.28	10.5	1.6	1.5	10.2	18	0.2	0.5	0.3	69	0.18	0.039
1115782	Soil		0.8	24.3	14.7	79	<0.1	30.4	12.9	382	3.19	8.6	1.8	1.2	9.5	18	<0.1	0.3	0.4	55	0.18	0.034
1115760	Soil		1.0	15.4	8.7	59	<0.1	18.6	9.4	349	2.21	3.9	1.4	4.9	4.5	18	0.3	0.3	0.2	46	0.26	0.079
1115775	Soil		1.3	27.6	9.1	61	0.2	26.4	14.0	632	3.07	9.7	0.9	2.5	5.3	14	0.3	0.4	0.3	66	0.13	0.044
1115764	Soil		1.1	21.9	10.4	60	0.1	23.6	10.0	433	2.80	7.1	1.9	2.3	9.5	18	0.2	0.4	0.3	62	0.22	0.075
1115780	Soil		0.7	24.2	15.5	77	<0.1	25.8	11.4	370	3.23	9.2	1.5	2.0	10.0	15	0.2	0.4	0.3	58	0.18	0.041
1115770	Soil		1.3	35.4	8.5	57	<0.1	30.2	13.4	356	2.78	8.1	0.9	3.4	4.9	13	<0.1	0.3	0.3	64	0.19	0.041
1115768	Soil		1.4	29.6	11.5	63	<0.1	26.5	10.9	329	3.09	9.7	1.4	1.7	7.5	12	0.2	0.4	0.3	72	0.17	0.038

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Project: ECH
Report Date: August 13, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1115737	Soil		17	23	0.52	113	0.038	1	1.96	0.009	0.07	<0.1	0.01	4.1	<0.1	<0.05	9	1.1	<0.2
1115740	Soil		1	105	3.43	371	0.295	<1	3.29	0.009	1.24	<0.1	<0.01	1.9	0.3	<0.05	8	<0.5	<0.2
1115738	Soil		25	33	1.48	109	0.100	<1	2.96	0.009	0.08	<0.1	<0.01	8.4	<0.1	<0.05	11	0.9	<0.2
1115739	Soil		9	27	0.64	211	0.098	<1	2.02	0.013	0.05	<0.1	0.01	3.7	<0.1	<0.05	9	0.7	<0.2
1115685	Soil		12	30	1.60	223	0.118	<1	2.29	0.009	0.30	<0.1	<0.01	2.3	0.1	<0.05	8	<0.5	<0.2
1115759	Soil		83	58	0.83	222	0.140	2	2.85	0.016	0.28	1.2	0.04	6.7	0.4	<0.05	9	0.9	<0.2
1115751	Soil		34	50	0.92	164	0.190	<1	2.42	0.014	0.51	1.9	0.02	6.8	0.5	<0.05	9	0.6	<0.2
1115758	Soil		19	41	0.71	130	0.124	2	2.22	0.012	0.16	0.5	0.03	4.2	0.2	<0.05	6	<0.5	<0.2
1115777	Soil		9	17	0.28	76	0.072	<1	1.18	0.019	0.08	0.3	0.02	1.6	0.1	<0.05	6	<0.5	<0.2
1115753	Soil		25	55	0.89	172	0.204	2	2.39	0.017	0.60	2.8	0.03	6.8	0.6	<0.05	9	1.1	<0.2
1115783	Soil		29	39	0.71	183	0.169	<1	2.09	0.017	0.36	0.5	0.02	5.2	0.4	<0.05	8	0.6	<0.2
1115761	Soil		30	45	0.72	173	0.142	2	2.20	0.014	0.26	0.8	0.02	5.0	0.4	<0.05	7	0.7	<0.2
1115757	Soil		23	43	0.67	141	0.123	1	2.23	0.014	0.17	1.6	0.03	4.5	0.2	<0.05	7	<0.5	<0.2
1115752	Soil		31	62	1.02	186	0.232	<1	2.59	0.016	0.72	2.7	0.02	8.2	0.7	<0.05	10	0.5	<0.2
1115755	Soil		10	35	0.63	102	0.100	<1	2.61	0.011	0.16	2.7	0.04	3.7	0.2	<0.05	6	<0.5	<0.2
1115754	Soil		29	49	0.90	156	0.175	1	2.35	0.017	0.49	4.9	0.02	5.9	0.6	<0.05	9	0.8	<0.2
1115756	Soil		27	40	0.66	121	0.133	2	2.63	0.011	0.23	4.4	0.04	4.3	0.4	<0.05	8	<0.5	<0.2
1115773	Soil		17	47	0.61	179	0.083	<1	2.58	0.017	0.13	0.4	0.07	3.3	0.2	<0.05	8	0.9	<0.2
1115779	Soil		17	37	0.62	136	0.136	<1	2.26	0.012	0.16	0.4	0.02	3.6	0.3	<0.05	8	<0.5	<0.2
1115781	Soil		22	38	0.71	148	0.153	<1	2.24	0.011	0.32	0.4	0.01	4.2	0.4	<0.05	8	<0.5	<0.2
1115776	Soil		18	17	0.21	100	0.064	<1	1.01	0.019	0.08	0.2	0.02	1.4	0.1	<0.05	4	<0.5	<0.2
1115774	Soil		14	47	0.72	156	0.134	<1	2.48	0.015	0.15	0.4	0.02	4.0	0.3	<0.05	8	0.6	<0.2
1115763	Soil		24	39	0.66	146	0.121	2	2.42	0.012	0.11	0.3	0.04	4.9	0.2	<0.05	7	0.6	<0.2
1115782	Soil		26	43	0.75	145	0.154	<1	2.09	0.013	0.34	0.4	0.01	4.8	0.4	<0.05	7	<0.5	<0.2
1115760	Soil		18	28	0.44	137	0.103	2	1.14	0.018	0.15	1.0	0.04	2.6	0.2	<0.05	5	<0.5	<0.2
1115775	Soil		19	41	0.55	174	0.117	1	2.25	0.017	0.12	0.3	0.05	3.4	0.2	<0.05	7	<0.5	<0.2
1115764	Soil		29	36	0.57	176	0.127	2	1.91	0.016	0.19	0.5	0.08	3.7	0.2	<0.05	7	<0.5	<0.2
1115780	Soil		23	40	0.70	149	0.168	<1	2.18	0.013	0.32	0.3	<0.01	4.6	0.4	<0.05	7	<0.5	<0.2
1115770	Soil		14	48	0.73	132	0.099	2	2.01	0.012	0.15	0.8	0.03	3.8	0.2	<0.05	6	<0.5	<0.2
1115768	Soil		18	40	0.61	132	0.102	2	2.04	0.009	0.12	0.3	0.02	4.0	0.2	<0.05	7	0.6	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1115765	Soil	1.1	22.0	9.4	58	0.1	19.2	8.7	283	2.96	8.0	1.5	1.2	4.4	12	0.3	0.3	0.2	68	0.13	0.050
1115771	Soil	1.3	29.3	8.8	54	<0.1	24.4	10.8	311	2.87	9.9	1.0	4.1	4.8	11	0.2	0.4	0.3	68	0.14	0.034
1115762	Soil	1.2	22.5	11.6	75	<0.1	26.3	12.3	476	3.17	9.0	1.6	2.0	6.7	16	0.2	0.4	0.4	68	0.22	0.054
1115766	Soil	1.5	22.3	10.1	63	<0.1	23.0	9.1	328	2.89	8.8	1.9	6.4	6.7	14	0.1	0.3	0.3	65	0.17	0.041
1115767	Soil	1.4	21.9	11.0	60	<0.1	21.1	8.2	279	2.84	9.1	1.2	1.7	5.6	13	0.1	0.4	0.2	66	0.15	0.034
1115778	Soil	0.7	23.6	7.9	55	<0.1	24.1	10.3	316	3.06	7.6	1.3	2.3	7.5	15	0.1	0.3	0.2	60	0.19	0.038
1115772	Soil	0.5	7.9	3.6	16	<0.1	5.8	2.4	57	0.81	2.5	0.3	1.8	0.2	9	<0.1	0.1	<0.1	22	0.08	0.026
1115769	Soil	1.2	24.5	10.3	51	0.1	20.8	7.7	235	2.49	7.5	0.9	6.2	3.1	14	0.2	0.3	0.2	59	0.18	0.041

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1115765	Soil	15	33	0.40	104	0.089	1	2.07	0.013	0.09	0.3	0.03	2.8	0.2	<0.05	7	<0.5	<0.2
1115771	Soil	14	39	0.59	130	0.093	2	2.09	0.011	0.09	0.4	0.03	3.7	0.2	<0.05	6	0.7	<0.2
1115762	Soil	22	38	0.61	160	0.112	2	2.05	0.011	0.16	0.6	0.04	3.6	0.3	<0.05	7	0.5	<0.2
1115766	Soil	34	36	0.55	154	0.093	1	1.99	0.013	0.12	0.4	0.05	3.7	0.2	<0.05	7	0.6	<0.2
1115767	Soil	17	35	0.53	116	0.099	2	1.74	0.011	0.12	0.3	0.03	3.4	0.2	<0.05	7	<0.5	<0.2
1115778	Soil	24	36	0.62	146	0.128	2	2.08	0.011	0.23	0.5	0.03	4.1	0.3	<0.05	7	<0.5	<0.2
1115772	Soil	5	11	0.14	45	0.032	1	0.62	0.019	0.04	0.1	0.04	0.6	<0.1	<0.05	3	0.7	<0.2
1115769	Soil	12	32	0.49	101	0.087	2	1.48	0.012	0.10	0.4	0.03	2.5	0.1	<0.05	6	<0.5	<0.2

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

Project: ECH
Report Date: August 13, 2011

QUALITY CONTROL REPORT DAW11000087.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1117111	Soil	0.7	15.6	11.9	43	<0.1	17.6	8.1	195	2.43	4.8	4.0	<0.5	8.1	20	<0.1	0.3	0.2	46	0.26	0.034
REP 1117111	QC	0.8	15.1	12.0	43	<0.1	17.9	8.1	198	2.50	5.2	4.1	<0.5	8.6	21	<0.1	0.3	0.2	47	0.27	0.037
1117112	Soil	1.2	40.8	20.6	71	<0.1	34.4	13.3	321	4.24	3.0	3.0	1.0	20.3	27	<0.1	0.3	0.2	66	0.33	0.043
REP 1117112	QC	1.2	40.2	20.0	72	<0.1	32.1	13.4	323	4.28	2.7	3.1	<0.5	19.5	26	<0.1	0.4	0.3	63	0.34	0.044
1117116	Soil	0.6	25.2	9.5	61	<0.1	31.5	14.4	423	4.04	5.7	1.6	1.5	17.5	18	<0.1	0.2	0.2	59	0.27	0.043
REP 1117116	QC	0.7	24.8	10.0	62	<0.1	31.1	13.9	416	3.89	5.6	1.6	0.9	18.2	18	<0.1	0.2	0.2	60	0.28	0.042
1155975	Soil	0.9	6.7	16.9	35	<0.1	6.3	3.5	165	1.44	3.9	1.0	<0.5	21.1	4	<0.1	0.2	0.3	26	0.03	0.020
REP 1155975	QC	1.1	6.6	17.3	36	<0.1	5.9	3.5	156	1.40	3.8	1.0	<0.5	20.2	4	<0.1	0.2	0.3	25	0.03	0.019
1114933	Soil	0.8	13.1	12.7	75	<0.1	35.2	18.3	1093	3.99	2.3	0.9	<0.5	5.7	24	0.6	0.1	0.1	79	0.47	0.161
REP 1114933	QC	0.8	13.1	13.1	73	<0.1	35.8	18.5	1089	4.20	2.6	0.9	<0.5	5.8	24	0.6	0.2	0.1	81	0.47	0.154
1114918	Soil	0.3	15.1	3.2	93	<0.1	15.4	22.3	689	3.95	1.4	0.3	0.9	1.3	36	0.2	<0.1	<0.1	75	0.50	0.121
REP 1114918	QC	0.4	15.0	3.2	95	<0.1	15.1	23.9	713	4.10	1.8	0.3	0.6	1.4	38	0.2	<0.1	<0.1	76	0.50	0.116
1117224	Soil	0.9	24.0	11.3	62	<0.1	25.2	12.6	443	3.35	7.6	1.5	2.7	10.1	23	0.2	0.5	0.6	69	0.29	0.066
REP 1117224	QC	0.9	24.9	11.3	67	<0.1	25.1	12.4	443	3.29	7.3	1.5	2.1	10.0	23	0.2	0.6	0.7	72	0.31	0.070
1117209	Soil	1.1	20.5	41.0	81	0.1	18.4	10.0	418	3.22	7.2	2.0	2.4	5.4	14	0.2	1.1	0.9	68	0.20	0.092
REP 1117209	QC	1.0	19.9	38.1	83	<0.1	18.6	9.7	432	3.33	7.4	1.9	4.7	5.2	13	0.2	1.0	0.9	69	0.20	0.093
1114874	Soil	0.5	6.3	5.2	16	<0.1	4.1	1.9	87	1.08	2.6	0.2	<0.5	1.2	5	<0.1	0.1	0.1	30	0.03	0.013
REP 1114874	QC	0.5	6.6	5.5	17	<0.1	4.0	2.1	89	1.09	2.4	0.3	<0.5	1.3	6	0.1	0.1	0.1	31	0.03	0.013
1115660	Soil	1.2	38.8	14.0	69	0.3	24.8	12.8	453	2.55	7.8	2.0	3.6	3.6	39	0.3	0.4	0.2	57	0.44	0.043
REP 1115660	QC	1.2	39.7	14.2	70	0.3	25.5	12.8	471	2.59	7.8	2.0	2.9	3.6	39	0.2	0.4	0.2	55	0.46	0.045
1115651	Soil	1.0	33.6	14.0	61	0.2	23.9	10.0	407	2.30	4.2	1.7	2.4	3.9	33	0.1	0.3	0.3	44	0.45	0.046
REP 1115651	QC	1.1	34.8	14.3	61	0.2	22.3	10.1	414	2.31	4.4	1.7	2.7	3.8	34	0.1	0.3	0.3	44	0.46	0.048
1115664	Soil	1.5	56.7	19.3	88	0.5	46.9	16.3	401	3.48	9.4	4.0	3.5	8.1	41	0.5	0.5	0.3	55	0.49	0.043
REP 1115664	QC	1.5	56.5	19.2	90	0.5	47.4	15.9	410	3.49	9.2	4.1	3.7	8.2	39	0.4	0.5	0.3	55	0.47	0.041
1114055	Soil	0.5	13.2	10.8	53	<0.1	14.7	8.6	291	2.20	6.2	2.5	0.6	3.3	18	0.1	0.3	0.7	47	0.24	0.054
REP 1114055	QC	0.5	12.6	10.9	52	<0.1	13.0	8.5	280	2.13	5.7	2.5	3.0	3.5	19	0.1	0.4	0.8	46	0.23	0.051
1115617	Soil	0.6	16.7	8.3	55	<0.1	20.7	10.3	386	2.62	5.6	2.9	1.5	4.1	16	0.1	0.3	0.2	60	0.29	0.076
REP 1115617	QC	0.6	16.2	8.4	57	<0.1	21.4	10.4	402	2.71	5.8	2.8	3.7	4.1	16	0.1	0.3	0.2	60	0.31	0.077

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QUALITY CONTROL REPORT DAW11000087.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1117111	Soil	11	25	0.37	104	0.072	<1	1.43	0.015	0.17	0.1	<0.01	2.2	0.2	<0.05	5	<0.5	<0.2
REP 1117111	QC	12	26	0.39	105	0.074	<1	1.46	0.015	0.18	0.1	0.02	2.4	0.1	<0.05	4	<0.5	<0.2
1117112	Soil	50	45	0.74	190	0.138	1	2.48	0.020	0.44	0.1	0.01	5.7	0.3	<0.05	8	<0.5	<0.2
REP 1117112	QC	50	47	0.73	188	0.135	<1	2.42	0.018	0.42	0.2	0.01	6.0	0.3	<0.05	8	<0.5	<0.2
1117116	Soil	41	47	0.88	177	0.240	<1	2.39	0.012	1.03	1.3	<0.01	5.9	0.4	0.13	8	0.5	<0.2
REP 1117116	QC	42	45	0.91	181	0.246	<1	2.46	0.012	1.04	1.3	0.02	5.8	0.4	0.11	9	<0.5	<0.2
1155975	Soil	27	12	0.41	56	0.021	1	0.91	0.003	0.08	<0.1	<0.01	0.8	<0.1	0.06	4	<0.5	<0.2
REP 1155975	QC	27	12	0.42	56	0.021	<1	0.89	0.003	0.08	<0.1	<0.01	0.8	<0.1	0.05	4	<0.5	<0.2
1114933	Soil	27	73	2.10	341	0.058	<1	2.59	0.004	0.31	<0.1	<0.01	6.1	0.3	<0.05	7	<0.5	<0.2
REP 1114933	QC	27	75	2.16	343	0.060	2	2.68	0.005	0.31	<0.1	<0.01	6.3	0.3	<0.05	7	<0.5	<0.2
1114918	Soil	6	408	3.71	999	0.167	<1	3.21	0.008	0.54	<0.1	<0.01	2.3	0.2	<0.05	8	<0.5	<0.2
REP 1114918	QC	6	421	3.64	1018	0.177	<1	3.17	0.008	0.51	0.1	<0.01	2.3	0.2	<0.05	8	<0.5	<0.2
1117224	Soil	28	40	0.75	317	0.100	2	2.10	0.014	0.09	0.2	0.02	6.1	0.2	<0.05	7	0.6	<0.2
REP 1117224	QC	28	40	0.80	297	0.109	2	2.21	0.017	0.10	0.3	0.02	5.7	0.2	<0.05	7	0.6	<0.2
1117209	Soil	18	33	0.46	122	0.086	2	2.22	0.008	0.10	0.1	0.02	3.6	0.3	<0.05	7	0.5	<0.2
REP 1117209	QC	17	36	0.42	122	0.084	2	2.07	0.008	0.10	0.2	0.03	3.8	0.2	<0.05	7	0.6	<0.2
1114874	Soil	4	7	0.07	41	0.041	1	0.47	0.010	0.05	0.3	0.01	0.5	<0.1	<0.05	4	<0.5	<0.2
REP 1114874	QC	4	7	0.08	42	0.040	2	0.49	0.010	0.05	0.3	0.01	0.5	<0.1	<0.05	4	<0.5	<0.2
1115660	Soil	19	38	0.76	284	0.033	<1	1.84	0.009	0.05	<0.1	0.06	4.2	<0.1	<0.05	6	<0.5	<0.2
REP 1115660	QC	18	38	0.75	285	0.032	1	1.83	0.011	0.05	<0.1	0.06	4.3	<0.1	<0.05	5	0.7	<0.2
1115651	Soil	19	33	0.69	381	0.045	2	1.71	0.012	0.05	<0.1	0.04	3.3	<0.1	<0.05	5	0.9	<0.2
REP 1115651	QC	19	33	0.71	386	0.046	<1	1.70	0.011	0.05	<0.1	0.04	3.5	<0.1	<0.05	5	0.7	<0.2
1115664	Soil	30	35	0.70	282	0.065	1	2.08	0.015	0.07	0.1	0.05	4.9	<0.1	<0.05	6	1.1	<0.2
REP 1115664	QC	31	34	0.69	281	0.061	1	2.08	0.015	0.06	0.1	0.07	4.8	<0.1	<0.05	6	1.3	<0.2
1114055	Soil	11	24	0.33	171	0.050	1	1.60	0.010	0.04	0.1	0.05	2.9	<0.1	<0.05	5	<0.5	<0.2
REP 1114055	QC	11	23	0.33	176	0.049	2	1.57	0.011	0.04	0.1	0.05	2.9	0.1	<0.05	4	<0.5	<0.2
1115617	Soil	13	39	0.69	124	0.109	1	1.84	0.012	0.16	0.6	0.03	3.3	0.3	<0.05	6	<0.5	<0.2
REP 1115617	QC	13	39	0.67	127	0.112	2	1.87	0.012	0.16	0.4	0.04	3.5	0.3	<0.05	6	<0.5	<0.2

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QUALITY CONTROL REPORT DAW11000087.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1115633	Soil	0.5	12.7	8.1	57	<0.1	14.4	8.4	275	2.07	4.3	3.2	5.3	4.9	16	0.2	0.3	0.5	48	0.26	0.062
REP 1115633	QC	0.6	12.8	8.1	58	<0.1	15.3	8.3	279	2.14	4.3	3.2	8.9	4.8	17	0.2	0.3	0.2	49	0.27	0.061
1115958	Soil	0.9	24.0	13.7	47	<0.1	16.7	8.1	270	3.02	6.2	2.3	1.2	20.3	19	0.1	0.3	0.4	48	0.24	0.046
REP 1115958	QC	1.0	23.5	13.9	47	<0.1	16.7	7.9	267	3.04	6.0	2.5	2.5	21.6	19	<0.1	0.3	0.5	49	0.25	0.046
1115741	Soil	1.2	10.6	13.3	48	<0.1	11.1	5.9	311	1.82	4.3	0.3	0.6	0.7	30	0.1	0.2	0.2	62	0.14	0.058
REP 1115741	QC	1.1	10.2	13.7	47	<0.1	10.5	6.0	309	1.82	4.3	0.3	<0.5	0.6	30	<0.1	0.2	0.2	62	0.14	0.056
1115758	Soil	0.9	23.9	7.9	63	<0.1	28.6	12.1	366	3.05	7.6	1.7	2.0	8.3	17	0.2	0.5	0.2	64	0.26	0.059
REP 1115758	QC	0.8	22.8	8.0	62	<0.1	27.6	11.7	354	2.94	7.4	1.7	3.9	8.5	17	0.2	0.5	0.3	62	0.25	0.058
1115770	Soil	1.3	35.4	8.5	57	<0.1	30.2	13.4	356	2.78	8.1	0.9	3.4	4.9	13	<0.1	0.3	0.3	64	0.19	0.041
REP 1115770	QC	1.2	34.4	8.0	57	<0.1	29.3	12.7	338	2.72	8.5	0.9	1.9	4.8	13	0.2	0.3	0.2	64	0.20	0.039
Reference Materials																					
STD DS8	Standard	14.0	110.1	127.7	305	1.8	37.5	7.6	621	2.45	25.3	3.0	109.2	7.6	64	2.0	5.0	5.6	48	0.74	0.081
STD DS8	Standard	13.3	109.9	130.7	315	1.8	37.6	7.6	611	2.54	26.3	2.6	106.4	6.6	65	2.3	5.4	6.3	42	0.69	0.083
STD DS8	Standard	12.7	102.1	125.2	293	1.8	34.6	7.1	592	2.35	24.9	2.6	111.6	7.1	61	2.0	5.2	5.5	39	0.66	0.074
STD DS8	Standard	13.7	115.4	128.3	319	1.8	39.2	7.6	627	2.50	27.1	2.9	131.7	7.1	68	2.4	6.1	7.2	44	0.68	0.084
STD DS8	Standard	11.6	104.5	118.2	284	1.5	36.0	7.2	534	2.32	25.2	2.6	102.4	6.1	51	1.9	4.1	5.4	40	0.61	0.078
STD DS8	Standard	14.3	116.9	133.9	317	1.9	38.8	7.9	616	2.50	27.4	3.0	108.3	7.4	71	2.5	5.6	7.0	45	0.70	0.093
STD DS8	Standard	13.2	112.5	118.3	319	1.7	39.4	7.6	619	2.52	27.3	2.6	102.1	6.5	65	2.3	5.9	6.8	43	0.72	0.083
STD DS8	Standard	13.6	114.1	120.9	308	1.8	39.4	8.3	624	2.53	26.5	2.7	107.3	6.8	67	2.3	5.7	6.6	42	0.71	0.082
STD DS8	Standard	11.5	102.6	114.6	286	1.7	35.6	7.2	553	2.28	25.0	2.4	101.3	5.6	57	2.2	5.0	6.0	39	0.63	0.074
STD DS8	Standard	13.9	108.1	113.1	312	1.8	37.6	7.4	616	2.44	26.2	2.4	106.6	6.2	64	2.5	5.1	6.1	42	0.71	0.079
STD DS8	Standard	13.0	109.4	110.1	304	1.8	37.8	7.4	628	2.47	26.1	2.5	109.1	6.0	62	2.4	5.1	6.1	43	0.67	0.076
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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

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

Project: ECH
Report Date: August 13, 2011

QUALITY CONTROL REPORT DAW11000087.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1115633	Soil	12	24	0.44	143	0.081	1	1.29	0.012	0.06	0.3	0.01	2.9	0.2	<0.05	4	<0.5	<0.2
REP 1115633	QC	13	25	0.45	144	0.082	2	1.30	0.013	0.07	0.3	0.03	3.0	0.2	<0.05	4	<0.5	<0.2
1115958	Soil	64	23	0.31	244	0.043	<1	1.72	0.010	0.09	0.1	0.03	5.3	0.1	<0.05	5	0.7	<0.2
REP 1115958	QC	65	24	0.31	250	0.042	<1	1.72	0.010	0.08	0.1	0.03	5.4	0.1	<0.05	5	0.7	<0.2
1115741	Soil	6	26	0.52	92	0.102	<1	1.15	0.009	0.10	<0.1	<0.01	1.2	<0.1	<0.05	8	0.6	<0.2
REP 1115741	QC	6	26	0.50	91	0.104	<1	1.10	0.008	0.10	<0.1	0.01	1.2	0.1	<0.05	8	<0.5	<0.2
1115758	Soil	19	41	0.71	130	0.124	2	2.22	0.012	0.16	0.5	0.03	4.2	0.2	<0.05	6	<0.5	<0.2
REP 1115758	QC	19	40	0.69	124	0.124	2	2.17	0.012	0.16	0.4	0.03	4.1	0.2	<0.05	6	0.7	<0.2
1115770	Soil	14	48	0.73	132	0.099	2	2.01	0.012	0.15	0.8	0.03	3.8	0.2	<0.05	6	<0.5	<0.2
REP 1115770	QC	14	47	0.74	131	0.103	2	2.02	0.011	0.14	0.7	0.02	3.6	0.2	<0.05	6	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	16	120	0.61	289	0.123	2	0.98	0.097	0.45	3.0	0.20	2.5	5.3	0.20	5	5.4	5.2
STD DS8	Standard	14	116	0.61	288	0.107	3	0.94	0.096	0.44	3.1	0.15	2.6	5.7	0.16	5	5.2	4.8
STD DS8	Standard	15	107	0.59	271	0.104	2	0.89	0.084	0.41	2.9	0.19	2.1	5.3	0.12	5	5.0	5.0
STD DS8	Standard	15	121	0.60	274	0.126	2	0.91	0.091	0.42	3.0	0.20	2.2	5.4	0.20	5	5.7	5.2
STD DS8	Standard	12	107	0.54	251	0.108	2	0.85	0.069	0.39	2.6	0.19	1.6	5.0	0.27	4	5.2	4.1
STD DS8	Standard	16	125	0.67	282	0.129	3	1.01	0.095	0.45	3.0	0.20	2.4	5.2	0.20	5	6.2	4.7
STD DS8	Standard	14	120	0.63	261	0.120	3	0.92	0.086	0.43	3.0	0.19	2.3	5.2	0.18	5	5.6	4.9
STD DS8	Standard	15	119	0.60	282	0.125	3	0.91	0.090	0.42	2.9	0.21	2.1	5.4	0.16	5	5.5	4.9
STD DS8	Standard	11	107	0.55	248	0.096	3	0.78	0.072	0.38	2.7	0.19	1.8	5.1	0.12	4	5.6	4.4
STD DS8	Standard	14	121	0.63	287	0.113	2	0.92	0.092	0.42	2.9	0.19	2.3	5.3	0.13	5	5.3	5.1
STD DS8	Standard	14	115	0.62	280	0.111	3	0.90	0.093	0.42	3.1	0.19	2.3	5.5	0.15	5	5.3	6.0
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

Project: ECH
Report Date: August 13, 2011

QUALITY CONTROL REPORT DAW11000087.1

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

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

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

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: July 27, 2011
Report Date: August 14, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS DAW11000096.1

CLIENT JOB INFORMATION

Project: ECH
Shipment ID: ECH2011-13
P.O. Number
Number of Samples: 318

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	318	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	318	Dry at 60C			WHI
1DX2	318	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Project: ECH
Report Date: August 14, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1115209	Soil	0.7	20.7	8.2	55	<0.1	16.0	7.8	212	2.41	6.1	1.3	2.6	9.0	21	0.1	0.4	0.2	53	0.29	0.052
1113504	Soil	0.5	24.0	9.1	66	<0.1	25.0	11.3	278	3.09	6.6	1.1	1.5	10.1	21	<0.1	0.4	0.3	68	0.32	0.061
1115211	Soil	0.8	25.8	8.9	58	<0.1	20.7	8.3	255	2.60	7.2	1.6	0.8	9.8	25	<0.1	0.4	0.2	56	0.34	0.053
1113521	Soil	0.7	26.5	8.5	53	<0.1	23.7	9.2	296	2.69	7.9	0.8	2.1	5.1	25	<0.1	0.4	0.2	60	0.33	0.050
1115207	Soil	0.7	20.3	8.6	53	<0.1	17.9	8.2	249	2.40	6.0	1.2	2.7	7.5	21	<0.1	0.4	0.2	52	0.29	0.057
1113510	Soil	1.0	11.6	10.9	54	<0.1	12.7	8.8	338	3.36	6.7	0.3	0.8	2.2	8	0.1	0.4	0.4	89	0.09	0.037
1115212	Soil	0.9	24.8	11.8	54	<0.1	18.4	8.3	231	2.51	6.6	1.7	2.9	11.7	25	0.1	0.4	0.3	52	0.32	0.046
1113522	Soil	0.9	21.7	9.8	43	<0.1	18.7	8.2	212	2.73	9.1	1.4	1.7	10.8	17	<0.1	0.5	0.2	60	0.15	0.018
1115210	Soil	0.7	24.1	9.1	56	<0.1	19.5	7.6	223	2.47	6.3	1.4	1.3	8.8	25	<0.1	0.4	0.2	53	0.34	0.053
1115228	Soil	0.5	20.6	7.7	57	<0.1	17.8	8.8	257	2.50	3.6	3.1	2.9	15.8	24	<0.1	0.3	0.2	56	0.36	0.068
1114288	Soil	0.6	20.4	12.1	86	<0.1	26.4	14.8	464	3.44	3.2	1.3	0.6	8.7	16	<0.1	0.2	0.3	64	0.29	0.070
1113520	Soil	1.1	15.7	8.4	58	<0.1	32.3	15.4	387	4.28	7.1	0.4	3.0	4.3	10	0.1	0.3	0.2	94	0.12	0.050
1113515	Soil	1.9	17.1	11.8	60	<0.1	24.5	16.8	745	5.09	5.8	1.2	0.7	5.6	13	0.1	0.4	1.0	86	0.21	0.085
1113524	Soil	2.7	28.9	10.3	61	<0.1	24.8	19.3	516	5.90	2.6	4.3	1.8	14.3	21	<0.1	0.6	0.3	96	0.26	0.034
1114296	Soil	0.7	22.7	10.3	71	0.1	20.6	9.7	298	3.05	5.8	1.2	2.1	6.9	22	0.1	0.4	0.3	59	0.36	0.060
1114292	Soil	0.8	16.2	11.4	67	<0.1	22.7	12.9	441	3.11	4.8	0.6	0.9	4.7	12	0.2	0.3	0.3	68	0.21	0.061
1115215	Soil	1.1	20.5	9.2	58	<0.1	23.0	11.7	297	3.01	5.5	1.1	1.8	13.0	17	0.1	0.4	0.3	66	0.21	0.034
1114299	Soil	1.0	16.5	10.4	65	0.1	17.4	9.3	246	2.56	7.1	1.0	1.1	3.8	22	0.1	0.5	0.2	54	0.31	0.067
1114300	Soil	0.9	16.3	10.2	61	0.1	17.1	8.9	250	2.53	6.8	1.0	3.7	3.8	21	0.2	0.4	0.3	52	0.32	0.067
1113513	Soil	1.0	24.1	10.5	85	<0.1	28.5	16.3	520	4.12	7.2	1.4	2.9	9.4	20	0.1	0.4	0.2	87	0.38	0.098
1115205	Soil	0.9	23.4	9.9	56	<0.1	21.5	9.4	250	2.85	7.4	1.3	1.2	6.3	22	<0.1	0.4	0.2	63	0.28	0.050
1115201	Soil	0.6	7.8	7.1	14	<0.1	3.4	2.0	110	1.07	2.5	1.0	1.4	0.7	8	<0.1	0.2	0.2	31	0.05	0.053
1113509	Soil	0.5	15.6	6.4	18	<0.1	4.3	2.3	96	1.05	1.5	0.6	<0.5	0.4	10	0.2	0.1	0.1	23	0.06	0.024
1115208	Soil	0.9	18.1	9.9	55	<0.1	17.1	7.4	204	2.57	6.7	1.1	2.8	8.9	20	<0.1	0.4	0.2	57	0.26	0.051
1113506	Soil	1.6	29.9	9.3	47	<0.1	20.7	13.7	458	4.40	3.5	1.2	0.6	8.6	9	<0.1	0.3	0.3	124	0.16	0.036
1113501	Soil	0.4	43.5	7.4	59	<0.1	58.4	27.9	520	4.04	2.4	0.6	<0.5	4.4	15	<0.1	0.2	0.2	93	0.27	0.022
1115203	Soil	0.7	21.5	8.6	62	<0.1	19.8	9.4	320	3.00	6.1	1.9	1.7	12.3	22	<0.1	0.4	0.2	59	0.33	0.072
1115202	Soil	0.8	19.5	7.2	74	<0.1	24.7	13.6	505	4.02	5.2	2.5	<0.5	11.3	21	<0.1	0.3	0.2	69	0.44	0.134
1113518	Soil	0.6	12.1	6.9	38	<0.1	23.3	17.9	338	4.16	3.8	0.8	<0.5	15.4	8	<0.1	0.2	<0.1	95	0.19	0.061
1113502	Soil	0.9	37.0	9.9	56	<0.1	24.7	10.7	404	3.34	7.2	2.2	1.9	11.5	13	0.1	0.5	0.4	65	0.13	0.047

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CERTIFICATE OF ANALYSIS DAW11000096.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1115209	Soil		21	28	0.51	205	0.073	2	1.52	0.010	0.05	0.2	0.02	4.0	0.1	<0.05	6	<0.5	<0.2
1113504	Soil		20	43	0.79	181	0.089	2	2.02	0.011	0.06	0.2	0.03	4.8	0.1	<0.05	7	<0.5	<0.2
1115211	Soil		29	31	0.51	252	0.072	1	1.46	0.012	0.05	0.2	0.02	4.7	<0.1	<0.05	5	0.6	<0.2
1113521	Soil		18	33	0.62	242	0.075	<1	1.67	0.014	0.04	0.3	0.03	5.1	<0.1	<0.05	5	<0.5	<0.2
1115207	Soil		29	28	0.53	190	0.082	<1	1.58	0.010	0.07	0.2	0.03	3.5	<0.1	<0.05	5	<0.5	<0.2
1113510	Soil		6	28	0.61	92	0.045	<1	1.55	0.007	0.04	0.1	0.02	2.8	<0.1	<0.05	8	<0.5	<0.2
1115212	Soil		25	29	0.45	251	0.059	<1	1.55	0.011	0.04	0.2	0.04	4.3	<0.1	<0.05	5	<0.5	<0.2
1113522	Soil		35	31	0.45	198	0.054	<1	1.91	0.010	0.04	0.2	0.04	5.6	<0.1	<0.05	6	<0.5	<0.2
1115210	Soil		23	30	0.52	244	0.075	1	1.50	0.012	0.05	0.2	0.03	4.5	<0.1	<0.05	5	<0.5	<0.2
1115228	Soil		34	27	0.59	217	0.110	<1	1.32	0.016	0.22	0.6	0.01	4.7	0.2	<0.05	6	<0.5	<0.2
1114288	Soil		26	41	1.03	153	0.141	<1	2.16	0.010	0.24	0.1	0.02	4.5	0.3	<0.05	8	<0.5	<0.2
1113520	Soil		11	62	1.18	158	0.148	<1	2.86	0.008	0.26	0.2	0.03	6.2	0.2	<0.05	10	<0.5	<0.2
1113515	Soil		17	42	0.66	211	0.085	<1	2.05	0.008	0.26	0.2	0.02	6.2	0.3	<0.05	9	<0.5	<0.2
1113524	Soil		43	28	0.43	255	0.022	<1	1.34	0.007	0.10	0.2	0.03	14.5	0.1	<0.05	6	0.8	<0.2
1114296	Soil		19	36	0.62	191	0.085	<1	1.86	0.011	0.08	0.1	0.04	5.2	0.1	<0.05	7	<0.5	<0.2
1114292	Soil		12	46	0.87	107	0.135	<1	2.14	0.011	0.20	0.2	0.02	3.5	0.3	<0.05	8	<0.5	<0.2
1115215	Soil		23	40	0.67	171	0.103	<1	1.97	0.011	0.10	0.2	0.02	3.9	0.2	<0.05	6	<0.5	<0.2
1114299	Soil		14	28	0.49	203	0.051	<1	1.61	0.010	0.04	0.2	0.05	3.5	<0.1	<0.05	6	<0.5	<0.2
1114300	Soil		13	27	0.50	196	0.048	<1	1.61	0.010	0.04	0.1	0.05	3.3	0.1	<0.05	5	<0.5	<0.2
1113513	Soil		25	47	1.00	313	0.147	1	2.63	0.015	0.37	0.2	0.02	6.4	0.3	<0.05	9	0.6	<0.2
1115205	Soil		19	37	0.60	248	0.078	1	1.93	0.011	0.05	0.2	0.04	4.3	<0.1	<0.05	6	<0.5	<0.2
1115201	Soil		9	10	0.11	74	0.033	<1	0.69	0.011	0.05	0.1	0.03	0.9	<0.1	<0.05	6	<0.5	<0.2
1113509	Soil		15	9	0.10	63	0.017	<1	0.76	0.012	0.02	<0.1	0.03	1.1	<0.1	<0.05	4	<0.5	<0.2
1115208	Soil		20	31	0.49	171	0.090	<1	1.75	0.012	0.06	0.1	0.03	3.6	<0.1	<0.05	6	<0.5	<0.2
1113506	Soil		8	44	0.63	73	0.149	<1	1.74	0.014	0.13	0.1	<0.01	6.1	0.2	<0.05	12	<0.5	<0.2
1113501	Soil		12	129	2.12	180	0.263	<1	3.33	0.016	0.51	0.1	<0.01	3.9	0.6	<0.05	9	<0.5	<0.2
1115203	Soil		37	32	0.71	247	0.116	1	1.74	0.012	0.15	0.2	0.03	5.0	0.2	<0.05	7	<0.5	<0.2
1115202	Soil		40	48	1.11	439	0.182	<1	2.21	0.014	0.54	0.2	0.02	6.3	0.4	<0.05	10	<0.5	<0.2
1113518	Soil		16	41	1.47	146	0.239	<1	2.91	0.012	0.33	0.2	0.02	8.1	0.3	<0.05	13	<0.5	<0.2
1113502	Soil		26	39	0.53	140	0.062	1	2.07	0.009	0.10	0.2	0.03	4.5	0.2	<0.05	8	0.7	<0.2

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

Project: ECH
Report Date: August 14, 2011

CERTIFICATE OF ANALYSIS DAW11000096.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1113507	Soil	0.7	12.5	8.6	30	<0.1	13.7	6.0	249	1.93	2.1	0.6	<0.5	0.7	8	<0.1	0.2	0.2	53	0.07	0.034
1115204	Soil	0.6	22.0	9.4	57	<0.1	18.6	9.5	296	2.70	5.7	2.4	0.9	12.2	25	<0.1	0.4	0.2	58	0.32	0.055
1115206	Soil	0.9	22.9	9.8	64	<0.1	19.6	11.4	379	3.21	6.2	2.0	4.5	12.0	24	<0.1	0.4	0.2	65	0.38	0.092
1113519	Soil	0.8	17.1	7.8	42	<0.1	27.3	18.3	335	4.03	5.5	0.9	<0.5	14.0	9	0.1	0.4	0.1	90	0.15	0.053
1113508	Soil	0.9	16.3	13.0	64	<0.1	36.2	10.0	488	3.57	4.6	0.9	<0.5	4.6	10	0.1	0.3	0.4	84	0.11	0.042
1113505	Soil	0.8	22.8	13.0	48	<0.1	23.7	13.6	525	3.27	6.3	1.6	1.6	11.7	15	0.2	0.3	0.3	66	0.21	0.050
1114298	Soil	0.7	22.5	11.3	72	0.1	21.1	10.9	302	3.04	8.0	1.2	2.4	6.1	26	0.2	0.4	0.3	59	0.40	0.069
1115231	Soil	0.6	23.8	9.8	57	<0.1	18.1	9.4	236	2.57	7.7	1.3	2.6	10.5	25	0.2	0.4	0.2	62	0.41	0.057
1115229	Soil	0.7	29.8	11.6	63	<0.1	22.6	11.3	269	3.40	7.1	3.7	0.5	19.2	29	<0.1	0.4	0.2	75	0.47	0.055
1113503	Soil	0.6	38.8	9.5	84	<0.1	33.2	23.8	869	4.70	4.3	1.3	0.9	9.3	14	0.2	0.2	0.4	112	0.53	0.191
1114297	Soil	1.3	24.5	10.6	56	<0.1	29.0	14.4	286	3.89	11.4	0.9	0.6	9.2	12	0.1	0.6	0.2	86	0.15	0.041
1113514	Soil	0.7	21.2	10.6	73	0.1	20.3	10.0	379	2.86	7.4	1.3	0.9	5.9	23	0.2	0.4	0.2	58	0.42	0.068
1113523	Soil	1.5	14.6	8.0	55	<0.1	19.2	10.5	211	3.63	7.7	0.9	<0.5	3.5	9	0.1	0.4	1.6	94	0.17	0.039
1114281	Soil	0.9	18.9	12.1	69	<0.1	17.2	10.8	481	3.61	4.9	1.9	<0.5	4.9	14	0.1	0.3	0.3	70	0.22	0.060
1114301	Soil	0.7	17.3	10.3	66	0.1	18.7	10.2	264	2.62	6.9	1.0	2.2	4.1	21	0.2	0.4	0.2	52	0.34	0.066
1115227	Soil	0.5	25.8	9.7	53	<0.1	21.8	10.7	262	2.79	4.9	2.2	4.6	15.8	22	<0.1	0.3	0.2	66	0.37	0.037
1113516	Soil	1.1	13.0	9.4	54	<0.1	19.0	12.4	363	4.89	6.4	0.8	1.1	9.3	7	<0.1	0.2	0.1	88	0.12	0.056
1114283	Soil	1.0	19.4	14.5	91	<0.1	26.6	14.4	603	3.73	7.1	1.5	<0.5	7.4	15	0.2	0.3	0.3	68	0.26	0.073
1115219	Soil	1.0	22.7	8.2	66	<0.1	22.6	11.9	412	3.19	4.6	2.4	2.3	17.8	22	<0.1	0.3	0.2	59	0.48	0.111
1115233	Soil	1.0	34.9	10.1	75	0.2	27.2	11.9	541	2.83	12.2	0.7	1.2	4.4	45	0.5	0.7	0.1	62	1.42	0.081
1115213	Soil	1.2	24.6	11.9	52	<0.1	19.0	9.3	249	2.88	8.3	1.4	<0.5	13.4	24	0.1	0.4	0.2	63	0.30	0.034
1115214	Soil	1.8	22.4	13.9	64	0.1	20.9	10.2	253	3.36	7.1	1.0	1.2	14.6	19	0.1	0.4	0.3	69	0.24	0.034
1113511	Soil	1.7	30.2	16.4	79	<0.1	26.0	18.7	654	4.63	7.7	1.1	<0.5	10.2	10	0.3	0.3	0.7	96	0.22	0.052
1115230	Soil	1.0	32.0	14.3	66	0.1	26.5	11.8	320	2.97	8.4	1.8	3.4	10.7	33	0.2	0.5	0.2	68	0.52	0.052
1115232	Soil	1.0	32.6	9.5	74	0.1	26.9	11.9	550	2.83	11.0	0.9	1.8	4.2	42	0.3	0.7	0.1	61	1.13	0.078
1114290	Soil	1.0	24.3	12.8	68	0.1	23.3	10.7	292	3.28	7.7	1.2	9.3	6.2	23	0.2	0.3	0.2	66	0.36	0.057
1113517	Soil	1.0	26.7	12.0	58	<0.1	26.3	13.2	426	3.40	7.9	1.1	2.1	7.5	23	<0.1	0.4	0.2	74	0.31	0.034
1114291	Soil	0.8	27.3	12.2	74	<0.1	29.6	16.8	522	3.89	7.0	1.2	<0.5	8.9	20	0.1	0.3	0.3	76	0.40	0.092
1114294	Soil	0.7	23.0	10.8	69	0.1	22.4	11.8	397	3.25	3.7	1.1	3.2	8.3	23	0.2	0.3	0.2	65	0.48	0.072
1114289	Soil	0.7	23.9	12.3	71	<0.1	25.0	10.9	316	3.26	5.4	1.3	1.1	6.2	22	0.2	0.4	0.2	63	0.36	0.056

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Project: ECH
Report Date: August 14, 2011

CERTIFICATE OF ANALYSIS DAW11000096.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1113507	Soil		6	39	0.47	59	0.034	<1	1.03	0.010	0.09	<0.1	0.02	1.3	<0.1	<0.05	8	<0.5	<0.2
1115204	Soil		31	30	0.63	273	0.106	<1	1.69	0.016	0.09	0.2	0.02	4.6	0.1	<0.05	6	<0.5	<0.2
1115206	Soil		28	33	0.65	204	0.130	<1	1.86	0.013	0.21	0.2	0.02	4.7	0.2	<0.05	8	0.5	<0.2
1113519	Soil		16	42	1.27	168	0.208	1	3.17	0.012	0.23	0.2	0.02	7.5	0.2	<0.05	12	<0.5	<0.2
1113508	Soil		19	105	0.96	123	0.055	<1	2.01	0.007	0.07	<0.1	0.03	4.1	0.1	<0.05	13	<0.5	<0.2
1113505	Soil		30	37	0.52	144	0.046	<1	1.93	0.010	0.06	0.2	0.03	5.5	<0.1	<0.05	7	<0.5	<0.2
1114298	Soil		18	34	0.55	263	0.074	<1	1.94	0.015	0.06	0.2	0.04	4.2	0.1	0.08	7	1.0	<0.2
1115231	Soil		20	30	0.46	228	0.104	<1	1.79	0.018	0.09	0.2	0.01	3.8	<0.1	<0.05	6	0.7	<0.2
1115229	Soil		37	38	0.55	294	0.129	<1	2.22	0.020	0.21	0.6	0.03	6.3	0.2	<0.05	8	<0.5	<0.2
1113503	Soil		19	58	1.44	138	0.169	<1	2.54	0.017	0.52	0.2	0.02	5.7	0.5	<0.05	12	<0.5	<0.2
1114297	Soil		11	42	0.62	220	0.113	3	3.36	0.014	0.13	0.2	0.03	3.9	0.2	<0.05	8	0.8	<0.2
1113514	Soil		18	34	0.55	245	0.077	1	1.98	0.014	0.07	0.2	0.04	4.2	0.1	<0.05	7	<0.5	<0.2
1113523	Soil		7	35	0.60	147	0.134	<1	2.29	0.021	0.17	1.4	0.02	4.0	0.2	<0.05	10	0.7	<0.2
1114281	Soil		21	35	0.54	165	0.040	<1	2.04	0.009	0.12	<0.1	0.01	3.9	0.2	<0.05	7	0.8	<0.2
1114301	Soil		14	29	0.50	211	0.063	<1	1.90	0.014	0.06	0.2	0.05	3.2	<0.1	<0.05	6	0.8	<0.2
1115227	Soil		28	37	0.56	249	0.111	<1	1.87	0.019	0.12	0.3	0.02	5.0	0.2	<0.05	7	0.6	<0.2
1113516	Soil		13	31	1.52	261	0.252	<1	3.53	0.013	0.56	0.3	0.02	5.7	0.4	<0.05	15	1.0	<0.2
1114283	Soil		22	44	0.61	152	0.070	<1	2.36	0.010	0.12	0.1	0.03	4.1	0.2	<0.05	7	1.0	<0.2
1115219	Soil		45	34	0.72	187	0.118	1	1.71	0.019	0.28	0.3	0.02	4.2	0.3	<0.05	7	0.9	<0.2
1115233	Soil		14	30	0.65	369	0.084	2	1.44	0.030	0.09	0.2	0.05	3.6	<0.1	0.06	4	0.6	<0.2
1115213	Soil		25	32	0.45	224	0.098	<1	2.07	0.013	0.06	0.1	0.03	4.0	0.1	<0.05	6	0.6	<0.2
1115214	Soil		19	43	0.58	188	0.120	1	2.59	0.014	0.10	0.2	0.03	4.0	0.2	<0.05	9	0.7	<0.2
1113511	Soil		14	54	0.88	140	0.079	<1	3.27	0.014	0.14	6.1	0.02	5.6	0.2	<0.05	10	0.7	<0.2
1115230	Soil		22	37	0.51	317	0.108	<1	2.12	0.023	0.08	0.2	0.05	5.3	0.1	<0.05	7	<0.5	<0.2
1115232	Soil		15	30	0.60	353	0.079	2	1.47	0.029	0.09	0.2	0.05	3.5	<0.1	<0.05	5	<0.5	<0.2
1114290	Soil		20	41	0.65	248	0.095	1	2.24	0.015	0.12	0.1	0.02	4.9	0.2	<0.05	8	0.7	<0.2
1113517	Soil		24	40	0.78	244	0.129	1	2.14	0.015	0.16	0.8	0.04	5.3	0.2	<0.05	8	0.9	<0.2
1114291	Soil		21	46	1.04	189	0.143	1	2.88	0.017	0.29	0.2	0.01	5.0	0.3	<0.05	9	<0.5	<0.2
1114294	Soil		22	41	0.80	179	0.111	<1	2.05	0.016	0.17	0.2	0.02	4.6	0.2	<0.05	8	1.0	<0.2
1114289	Soil		20	40	0.73	205	0.117	<1	2.14	0.015	0.11	0.2	0.03	4.5	0.2	<0.05	7	<0.5	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1114293	Soil	0.6	13.9	7.4	37	0.1	12.9	6.0	131	1.47	2.6	0.7	2.1	1.5	15	0.1	0.2	0.2	41	0.29	0.034
1115221	Soil	0.5	20.9	4.7	88	<0.1	42.7	22.8	609	4.44	2.9	2.2	<0.5	37.9	19	<0.1	0.2	0.1	89	0.34	0.056
1114295	Soil	0.8	25.1	10.2	72	<0.1	21.6	10.6	364	3.11	6.2	1.2	4.3	7.7	21	0.1	0.4	0.2	59	0.41	0.068
1115224	Soil	0.6	29.4	9.3	59	<0.1	21.2	11.1	241	3.46	6.3	2.5	<0.5	13.6	22	<0.1	0.4	0.2	75	0.34	0.039
1115222	Soil	0.7	27.5	7.5	62	<0.1	26.4	10.9	261	3.54	4.4	3.1	0.7	11.9	24	0.1	0.3	0.1	72	0.38	0.056
1114279	Soil	0.5	16.8	10.9	58	<0.1	16.8	9.1	290	2.92	5.1	1.2	1.6	7.6	12	0.2	0.3	0.3	54	0.19	0.045
1114284	Soil	0.8	17.5	11.1	63	<0.1	18.6	12.7	299	3.66	3.2	1.2	<0.5	7.8	15	<0.1	0.2	0.3	77	0.30	0.063
1114285	Soil	0.6	22.3	12.2	65	<0.1	20.8	11.7	361	3.20	4.2	1.2	0.5	8.8	14	<0.1	0.3	0.2	63	0.24	0.046
1114271	Soil	0.7	21.0	11.1	65	<0.1	17.4	7.5	257	2.47	5.2	3.0	2.1	6.1	21	<0.1	0.4	0.6	49	0.34	0.057
1115220	Soil	0.7	35.0	9.0	64	<0.1	28.9	14.6	385	4.04	5.6	1.7	0.8	21.8	23	<0.1	0.4	0.5	87	0.36	0.037
1114280	Soil	0.7	13.6	11.8	59	<0.1	17.2	7.6	209	2.98	4.6	1.4	0.5	2.1	12	0.1	0.3	0.3	53	0.17	0.049
1114282	Soil	1.0	12.3	13.1	47	<0.1	11.8	8.4	486	2.96	4.8	0.8	<0.5	3.3	10	0.1	0.2	0.5	73	0.11	0.040
1115907	Soil	0.9	18.0	7.0	79	<0.1	33.0	20.6	521	5.30	7.2	0.8	2.4	4.8	11	<0.1	0.3	0.3	120	0.19	0.056
1114275	Soil	0.6	16.3	10.1	63	<0.1	17.2	7.7	284	2.77	8.8	1.4	<0.5	4.3	18	<0.1	0.4	0.5	61	0.26	0.051
1114276	Soil	1.1	11.1	11.9	61	<0.1	12.8	10.2	540	2.78	8.4	0.5	<0.5	3.3	12	0.2	0.3	0.5	70	0.13	0.040
1115223	Soil	0.7	20.4	7.1	50	<0.1	21.2	10.4	289	2.67	7.7	1.5	2.1	11.5	20	<0.1	0.3	0.2	65	0.27	0.039
1114273	Soil	0.6	20.4	10.8	66	<0.1	18.0	7.6	288	2.63	7.1	2.8	0.9	4.7	21	0.1	0.4	0.7	61	0.29	0.055
1114270	Soil	0.5	18.1	10.4	64	<0.1	15.1	7.4	380	2.20	5.7	3.0	2.9	4.5	18	0.1	0.4	0.5	50	0.26	0.057
1115932	Soil	0.7	35.1	5.0	50	<0.1	28.6	18.9	445	3.37	3.9	0.5	0.6	3.6	19	<0.1	0.2	0.1	93	0.50	0.085
1127534	Soil	0.5	42.4	10.0	89	<0.1	39.4	17.9	340	3.77	5.8	1.3	1.0	14.9	32	0.1	0.3	0.4	53	0.42	0.068
1127528	Soil	0.7	41.4	9.7	79	0.1	32.9	11.4	225	3.43	6.1	1.3	3.3	4.4	24	0.1	0.4	0.2	53	0.29	0.058
1127523	Soil	1.3	25.4	20.6	59	<0.1	21.8	8.6	233	3.06	9.1	0.9	1.1	8.4	25	0.2	0.5	0.3	68	0.27	0.029
1114274	Soil	0.6	20.0	10.3	64	0.1	19.5	8.6	307	2.58	6.5	2.0	4.3	4.6	19	0.2	0.4	0.4	56	0.27	0.068
1114269	Soil	0.6	16.4	11.6	63	<0.1	18.5	9.7	395	2.77	6.1	1.8	1.5	4.4	16	0.2	0.4	0.5	57	0.22	0.048
1127536	Soil	0.7	44.4	16.0	93	<0.1	43.3	19.9	335	3.87	4.5	1.4	1.7	15.5	34	<0.1	0.3	0.4	49	0.45	0.069
1127533	Soil	0.9	38.0	12.6	75	<0.1	35.4	15.1	465	3.50	9.2	0.8	2.6	8.1	30	0.2	0.5	0.2	63	0.53	0.075
1114268	Soil	0.6	17.1	9.5	58	<0.1	19.5	9.7	469	2.60	6.0	1.6	1.4	4.7	18	0.2	0.3	0.7	59	0.30	0.056
1127527	Soil	0.7	44.9	10.2	97	<0.1	43.1	21.3	577	4.69	2.8	1.9	<0.5	16.0	24	<0.1	0.2	0.3	42	0.22	0.058
1115933	Soil	0.9	18.2	9.2	43	<0.1	19.6	11.0	326	2.84	4.6	0.6	1.2	3.5	17	0.1	0.2	0.1	72	0.27	0.042
1115925	Soil	1.7	12.9	5.6	90	<0.1	21.9	28.2	1257	7.47	2.5	0.9	<0.5	9.0	27	0.1	0.1	0.2	144	0.93	0.290

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

Project: ECH
Report Date: August 14, 2011

CERTIFICATE OF ANALYSIS DAW11000096.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1114293	Soil		11	28	0.42	96	0.097	<1	1.30	0.021	0.12	0.1	0.02	2.1	0.1	<0.05	6	<0.5	<0.2
1115221	Soil		46	90	1.87	341	0.167	<1	2.71	0.015	0.61	0.3	0.01	9.6	0.7	<0.05	14	<0.5	<0.2
1114295	Soil		20	34	0.64	204	0.103	<1	1.93	0.016	0.09	0.2	0.03	4.5	0.1	<0.05	7	1.1	<0.2
1115224	Soil		24	36	0.68	241	0.137	1	2.33	0.018	0.15	0.2	0.04	6.1	0.2	<0.05	8	0.6	<0.2
1115222	Soil		27	38	0.63	220	0.094	<1	1.89	0.017	0.12	0.2	0.02	6.3	0.1	<0.05	7	0.9	<0.2
1114279	Soil		22	32	0.49	135	0.067	1	2.25	0.009	0.08	0.1	0.04	3.9	0.1	<0.05	7	1.0	<0.2
1114284	Soil		18	36	0.69	138	0.121	<1	2.23	0.011	0.26	0.1	0.01	4.8	0.3	<0.05	9	0.5	<0.2
1114285	Soil		25	36	0.61	142	0.120	<1	2.06	0.012	0.17	0.1	0.02	4.0	0.2	<0.05	7	<0.5	<0.2
1114271	Soil		16	29	0.49	213	0.088	1	1.66	0.015	0.09	0.1	0.03	4.4	0.2	<0.05	5	0.6	<0.2
1115220	Soil		38	51	0.84	258	0.142	<1	2.52	0.017	0.18	0.4	0.02	7.0	0.2	<0.05	10	0.9	<0.2
1114280	Soil		18	30	0.43	117	0.028	1	1.82	0.009	0.07	<0.1	0.04	2.5	0.2	<0.05	7	0.9	<0.2
1114282	Soil		16	31	0.40	76	0.069	<1	1.66	0.007	0.08	<0.1	0.03	2.7	0.1	<0.05	9	<0.5	<0.2
1115907	Soil		10	91	1.40	141	0.225	2	3.17	0.009	0.70	8.7	0.02	6.0	0.6	0.07	12	<0.5	<0.2
1114275	Soil		12	30	0.51	202	0.072	2	1.88	0.008	0.08	<0.1	0.03	3.8	0.2	<0.05	6	<0.5	<0.2
1114276	Soil		8	24	0.40	91	0.060	<1	2.11	0.006	0.08	0.1	0.02	2.5	0.1	<0.05	7	<0.5	<0.2
1115223	Soil		26	40	0.61	241	0.082	<1	1.85	0.010	0.06	0.2	0.02	4.8	0.1	<0.05	6	<0.5	<0.2
1114273	Soil		15	33	0.53	246	0.072	<1	1.87	0.010	0.09	0.1	0.04	4.7	0.2	<0.05	6	0.6	<0.2
1114270	Soil		15	25	0.44	154	0.074	<1	1.34	0.010	0.12	0.1	0.02	3.4	0.2	<0.05	5	0.5	<0.2
1115932	Soil		12	61	1.11	295	0.136	<1	1.82	0.013	0.15	0.3	<0.01	5.3	<0.1	<0.05	8	<0.5	<0.2
1127534	Soil		50	39	0.72	182	0.062	<1	2.14	0.013	0.16	<0.1	0.02	4.5	0.1	<0.05	7	<0.5	<0.2
1127528	Soil		28	34	0.53	207	0.043	1	2.00	0.011	0.10	<0.1	0.02	4.5	<0.1	<0.05	6	<0.5	<0.2
1127523	Soil		33	37	0.43	313	0.074	<1	2.28	0.009	0.06	0.2	0.03	4.4	<0.1	<0.05	7	0.8	<0.2
1114274	Soil		15	32	0.54	232	0.078	1	1.92	0.009	0.08	0.1	0.04	4.2	0.2	<0.05	6	<0.5	<0.2
1114269	Soil		14	32	0.55	185	0.069	<1	2.03	0.008	0.10	0.1	0.02	3.7	0.2	<0.05	6	<0.5	<0.2
1127536	Soil		55	39	0.69	157	0.056	<1	2.15	0.012	0.15	<0.1	0.02	4.4	0.1	<0.05	7	<0.5	<0.2
1127533	Soil		27	41	0.69	299	0.064	<1	2.00	0.018	0.10	0.1	0.04	4.7	<0.1	<0.05	7	<0.5	<0.2
1114268	Soil		17	35	0.60	205	0.088	<1	1.67	0.010	0.14	0.1	0.03	4.0	0.3	<0.05	6	<0.5	<0.2
1127527	Soil		83	31	0.70	151	0.023	<1	1.81	0.007	0.12	<0.1	<0.01	4.1	<0.1	<0.05	7	<0.5	<0.2
1115933	Soil		14	39	0.76	200	0.085	<1	1.81	0.010	0.13	0.1	0.02	4.3	0.1	<0.05	7	<0.5	<0.2
1115925	Soil		41	39	1.49	416	0.080	<1	3.17	0.015	0.25	<0.1	<0.01	12.2	<0.1	<0.05	15	<0.5	<0.2

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Project: ECH
Report Date: August 14, 2011

CERTIFICATE OF ANALYSIS DAW11000096.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1115923	Soil	1.3	24.1	19.2	51	<0.1	23.7	11.3	314	3.57	4.9	1.3	1.5	12.9	16	0.1	0.3	0.2	68	0.23	0.049
1115913	Soil	1.1	25.2	12.7	68	<0.1	25.6	15.7	516	3.77	6.3	1.2	2.8	8.2	16	<0.1	0.3	0.2	83	0.35	0.053
1115927	Soil	1.0	30.6	9.9	63	<0.1	28.7	16.2	747	3.75	9.4	0.8	1.1	8.2	22	<0.1	0.5	0.3	78	0.34	0.049
1114272	Soil	0.6	19.3	12.6	64	0.1	17.9	9.0	335	2.55	5.3	2.6	2.4	4.5	19	0.1	0.4	0.6	57	0.27	0.049
1115904	Soil	0.8	22.5	9.0	52	<0.1	21.8	10.4	297	2.82	6.6	0.8	1.7	5.9	20	0.1	0.4	0.2	63	0.29	0.053
1115930	Soil	1.4	23.0	12.1	107	<0.1	37.8	25.6	732	6.41	4.2	1.0	<0.5	5.2	21	<0.1	0.2	0.1	157	0.37	0.055
1115929	Soil	0.9	31.8	11.2	103	<0.1	52.7	32.3	1173	6.58	2.6	0.9	<0.5	7.1	21	0.2	0.1	0.2	147	0.61	0.113
1115926	Soil	0.9	22.1	7.6	58	<0.1	25.1	17.0	446	4.21	4.4	0.8	1.5	7.7	16	<0.1	0.2	0.3	89	0.22	0.049
1115908	Soil	1.1	16.4	11.1	61	<0.1	19.9	10.4	348	3.31	4.6	0.8	<0.5	11.9	9	0.1	0.3	0.2	57	0.15	0.060
1115931	Soil	0.9	34.2	10.4	61	0.1	27.7	15.7	695	3.78	7.3	1.3	0.6	6.5	28	<0.1	0.4	0.2	80	0.42	0.056
1115901	Soil	1.1	19.1	9.0	64	<0.1	23.0	11.3	330	3.05	4.2	1.0	1.4	6.2	14	<0.1	0.3	0.2	68	0.24	0.059
1115928	Soil	1.2	21.9	5.5	88	<0.1	19.5	25.0	952	6.07	1.6	0.8	0.8	4.8	25	<0.1	<0.1	0.1	132	0.77	0.208
1115911	Soil	0.6	9.3	8.1	23	<0.1	5.7	3.0	87	1.21	1.7	0.6	<0.5	1.0	8	<0.1	0.1	<0.1	26	0.10	0.036
1115921	Soil	0.9	18.6	19.3	45	<0.1	19.6	11.9	376	2.87	3.3	0.7	<0.5	8.0	10	0.1	0.2	0.2	49	0.12	0.039
1115920	Soil	0.9	23.0	12.6	45	0.1	18.6	9.3	311	2.45	4.4	1.8	2.3	5.4	21	<0.1	0.3	0.5	46	0.38	0.057
1115915	Soil	0.7	25.6	9.6	69	<0.1	25.7	16.1	437	3.72	6.1	0.8	0.7	5.1	18	<0.1	0.3	0.2	78	0.31	0.066
1127532	Soil	0.7	40.0	13.3	74	<0.1	37.2	15.1	317	3.61	6.2	1.1	<0.5	10.2	28	0.1	0.4	0.2	53	0.45	0.076
1127529	Soil	0.7	34.0	15.7	78	0.1	31.6	11.4	323	3.28	6.4	0.7	1.0	7.8	33	0.2	0.4	0.2	55	0.47	0.068
1115919	Soil	1.0	24.5	19.9	51	0.1	19.2	9.8	337	2.56	5.0	2.2	2.2	6.9	24	<0.1	0.3	1.3	42	0.37	0.061
1127507	Soil	1.5	14.4	14.9	66	<0.1	20.5	10.7	443	4.10	10.6	0.8	3.3	6.0	12	0.1	0.5	0.3	88	0.11	0.092
1115924	Soil	1.6	19.7	22.3	55	<0.1	18.4	9.6	320	3.51	6.0	1.1	1.4	8.4	14	0.1	0.3	0.3	73	0.19	0.055
1115922	Soil	0.9	23.3	15.1	53	<0.1	23.6	12.8	344	3.25	10.0	1.1	2.9	12.0	20	<0.1	0.5	0.2	68	0.18	0.044
1115916	Soil	0.8	29.6	11.4	61	<0.1	18.8	11.0	325	3.42	4.7	1.0	2.1	2.9	12	<0.1	0.2	0.2	81	0.13	0.045
1115914	Soil	0.8	26.7	11.2	80	<0.1	27.6	18.9	549	4.36	4.8	1.1	1.5	7.9	19	<0.1	0.3	0.1	96	0.31	0.074
1127502	Soil	0.8	13.8	11.5	34	<0.1	11.4	6.2	192	2.62	5.6	0.5	0.6	1.7	10	<0.1	0.3	0.2	68	0.15	0.061
1127519	Soil	1.1	30.5	15.2	60	<0.1	21.8	11.0	219	3.40	9.0	1.1	1.2	21.1	13	0.2	0.4	0.3	81	0.10	0.019
1127503	Soil	1.0	20.2	11.3	59	<0.1	22.6	13.3	399	4.08	7.3	0.9	1.3	6.1	15	0.2	0.4	0.2	81	0.21	0.082
1127530	Soil	0.8	35.5	20.8	78	<0.1	30.5	11.6	317	3.35	7.1	0.9	3.2	8.5	37	0.1	0.5	0.2	58	0.46	0.069
1127531	Soil	0.5	37.7	16.1	84	<0.1	37.8	13.2	334	3.73	5.8	1.5	1.6	15.6	32	<0.1	0.3	0.3	48	0.44	0.106
1127505	Soil	1.0	29.3	9.8	61	<0.1	28.2	15.9	458	3.82	7.1	1.1	1.6	11.4	20	<0.1	0.4	0.2	80	0.28	0.053

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1115923	Soil		59	38	0.53	220	0.028	<1	2.38	0.009	0.06	0.2	0.03	5.3	<0.1	<0.05	7	<0.5	<0.2
1115913	Soil		26	40	0.85	172	0.124	1	2.21	0.011	0.21	0.5	0.02	4.7	0.2	<0.05	8	<0.5	<0.2
1115927	Soil		22	43	0.77	318	0.066	1	2.42	0.012	0.07	0.1	0.03	7.5	<0.1	<0.05	8	<0.5	<0.2
1114272	Soil		15	32	0.51	224	0.076	<1	1.84	0.010	0.09	0.1	0.04	4.4	0.2	<0.05	6	0.5	<0.2
1115904	Soil		22	34	0.65	189	0.093	<1	1.91	0.010	0.08	0.2	0.02	3.9	0.1	<0.05	6	<0.5	<0.2
1115930	Soil		18	101	2.03	472	0.356	1	3.56	0.012	0.80	0.2	0.01	8.5	0.7	<0.05	16	0.6	<0.2
1115929	Soil		25	119	1.97	441	0.167	<1	3.13	0.012	0.67	0.2	0.01	13.8	0.6	<0.05	13	0.7	<0.2
1115926	Soil		16	40	0.92	255	0.064	1	2.75	0.010	0.08	0.1	0.01	6.2	0.1	<0.05	10	<0.5	<0.2
1115908	Soil		18	27	0.50	101	0.054	<1	2.44	0.007	0.10	1.1	0.02	2.9	0.1	<0.05	8	0.6	<0.2
1115931	Soil		25	42	0.79	334	0.086	<1	2.47	0.016	0.08	0.2	0.05	7.7	<0.1	<0.05	7	<0.5	<0.2
1115901	Soil		20	38	0.76	131	0.117	<1	2.07	0.011	0.19	0.7	0.02	3.4	0.2	<0.05	7	<0.5	<0.2
1115928	Soil		20	36	1.67	339	0.153	<1	2.88	0.008	0.36	0.1	0.02	9.6	0.3	<0.05	14	<0.5	<0.2
1115911	Soil		12	11	0.13	69	0.030	<1	0.75	0.014	0.05	0.2	0.02	1.1	<0.1	<0.05	3	<0.5	<0.2
1115921	Soil		24	30	0.52	122	0.023	<1	1.88	0.007	0.08	0.2	0.03	2.4	<0.1	<0.05	6	0.7	<0.2
1115920	Soil		27	27	0.42	275	0.037	<1	1.40	0.011	0.09	0.2	0.04	4.1	<0.1	<0.05	4	0.9	<0.2
1115915	Soil		15	42	1.02	194	0.166	1	2.57	0.011	0.31	0.5	0.02	3.9	0.3	<0.05	8	<0.5	<0.2
1127532	Soil		31	43	0.67	212	0.060	1	1.93	0.011	0.12	0.1	0.02	4.3	<0.1	<0.05	7	<0.5	<0.2
1127529	Soil		30	37	0.60	238	0.059	2	1.85	0.016	0.11	0.1	0.04	4.3	<0.1	<0.05	7	<0.5	<0.2
1115919	Soil		28	28	0.38	305	0.037	1	1.25	0.011	0.09	0.2	0.04	4.3	<0.1	<0.05	4	0.8	<0.2
1127507	Soil		9	45	0.53	113	0.086	2	2.19	0.010	0.05	0.2	0.02	2.9	<0.1	<0.05	9	0.5	<0.2
1115924	Soil		37	35	0.51	151	0.039	<1	1.84	0.008	0.06	0.1	0.01	3.2	<0.1	<0.05	10	<0.5	<0.2
1115922	Soil		24	38	0.57	192	0.058	1	2.73	0.012	0.06	0.2	0.02	5.2	0.1	<0.05	7	<0.5	<0.2
1115916	Soil		15	33	0.77	116	0.142	2	2.09	0.013	0.27	0.2	0.03	3.7	0.2	<0.05	9	<0.5	<0.2
1115914	Soil		21	57	1.18	159	0.199	1	2.63	0.014	0.40	0.3	0.01	5.1	0.3	<0.05	10	0.5	<0.2
1127502	Soil		8	23	0.41	105	0.149	<1	1.16	0.011	0.10	0.1	0.02	1.9	<0.1	<0.05	8	0.5	<0.2
1127519	Soil		31	40	0.54	149	0.106	<1	2.81	0.011	0.05	0.1	0.02	4.4	0.1	<0.05	8	<0.5	<0.2
1127503	Soil		14	46	0.89	155	0.134	<1	2.64	0.011	0.14	0.2	0.03	4.0	0.1	<0.05	9	<0.5	<0.2
1127530	Soil		34	40	0.63	251	0.075	1	1.97	0.019	0.08	0.1	0.02	4.8	<0.1	<0.05	7	0.6	<0.2
1127531	Soil		43	43	0.64	189	0.043	<1	1.74	0.011	0.11	0.1	0.02	3.9	<0.1	<0.05	7	<0.5	<0.2
1127505	Soil		31	47	1.09	203	0.127	1	2.68	0.013	0.08	0.2	0.01	4.9	0.1	<0.05	8	0.6	<0.2

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600 - 666 Burrard St.
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Project: ECH
Report Date: August 14, 2011

CERTIFICATE OF ANALYSIS DAW11000096.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1127509	Soil	1.2	27.5	12.7	61	<0.1	25.1	15.4	418	4.23	8.5	1.4	2.6	11.4	15	<0.1	0.5	0.2	82	0.18	0.049
1115917	Soil	0.9	51.9	7.7	107	<0.1	34.0	32.9	889	7.19	2.9	1.3	0.8	6.0	18	0.1	<0.1	0.2	163	0.50	0.178
1127524	Soil	1.2	27.0	30.8	54	0.2	17.2	8.9	202	2.65	5.9	1.1	1.2	8.8	24	0.2	0.4	0.3	55	0.22	0.041
1127522	Soil	1.0	23.1	18.2	55	<0.1	17.6	9.7	216	2.55	5.8	1.2	4.0	12.9	24	<0.1	0.4	0.3	60	0.25	0.023
1113160	Soil	0.9	27.2	17.8	74	<0.1	26.1	12.3	445	3.21	8.4	3.0	6.9	4.7	24	0.2	0.4	0.7	69	0.32	0.076
1115912	Soil	1.1	23.3	13.4	70	<0.1	21.8	11.7	403	3.16	6.1	1.2	2.9	6.8	18	<0.1	0.3	0.2	68	0.24	0.054
1115216	Soil	1.0	28.8	17.0	61	<0.1	21.8	10.2	293	2.89	6.0	1.7	0.9	11.7	24	<0.1	0.4	0.2	64	0.35	0.064
1127521	Soil	1.6	21.2	27.2	65	<0.1	17.0	9.3	231	2.91	7.2	1.5	1.3	17.1	17	0.2	0.4	0.3	68	0.14	0.024
1127512	Soil	0.9	27.8	17.5	69	<0.1	30.8	16.4	458	4.21	6.2	1.2	0.9	21.0	11	0.1	0.3	0.3	72	0.19	0.100
1127511	Soil	1.1	29.7	26.1	57	<0.1	15.5	9.0	590	3.38	8.4	0.8	<0.5	4.6	12	0.2	0.4	0.3	72	0.16	0.109
1127516	Soil	0.8	30.8	13.0	57	<0.1	23.3	10.5	315	3.15	7.4	2.0	3.9	9.1	29	<0.1	0.4	0.2	74	0.30	0.027
1113525	Soil	1.3	20.2	9.6	45	<0.1	20.0	10.2	196	3.70	6.8	0.8	0.8	9.9	12	<0.1	0.5	0.2	83	0.14	0.023
1127517	Soil	0.8	13.5	13.5	38	<0.1	15.5	6.9	165	2.58	6.2	1.2	1.8	8.4	19	<0.1	0.3	0.2	61	0.20	0.029
1127514	Soil	0.6	15.9	10.8	42	<0.1	13.5	10.3	335	3.85	2.7	1.1	1.6	17.4	8	<0.1	0.2	0.3	53	0.20	0.108
1127515	Soil	1.1	17.0	13.2	62	<0.1	19.6	11.2	317	4.01	8.3	0.7	<0.5	8.7	10	0.1	0.4	0.2	85	0.11	0.080
1127501	Soil	0.6	38.7	10.5	72	<0.1	38.0	17.6	506	3.94	4.2	1.4	1.0	5.4	27	0.2	0.2	0.2	89	0.46	0.101
1127520	Soil	1.2	21.3	51.7	113	<0.1	16.0	8.4	193	2.69	4.6	1.5	1.0	25.9	16	0.3	0.3	0.3	58	0.15	0.020
1113161	Soil	0.9	26.6	13.1	71	<0.1	25.9	11.9	414	3.22	8.3	2.7	2.1	4.8	23	0.2	0.5	0.6	68	0.32	0.074
1117042	Soil	0.7	27.8	10.5	59	<0.1	23.9	11.1	304	3.04	7.5	2.9	2.0	8.1	21	<0.1	0.4	0.2	67	0.26	0.060
1117143	Soil	0.8	20.4	9.9	60	<0.1	26.0	11.8	330	3.03	6.2	0.9	2.1	8.2	17	0.2	0.4	0.2	72	0.19	0.051
1117136	Soil	0.9	11.4	9.1	74	<0.1	60.3	16.4	420	4.19	6.1	0.7	1.5	5.2	13	0.1	0.4	0.2	102	0.47	0.188
1113156	Soil	0.5	19.4	10.3	55	<0.1	21.6	10.0	340	2.48	4.1	1.7	1.7	2.9	17	0.2	0.3	0.2	60	0.23	0.048
1117137	Soil	0.3	37.0	7.1	93	<0.1	55.2	28.2	901	5.31	2.1	0.9	<0.5	9.4	22	0.1	<0.1	0.7	121	0.67	0.177
1117138	Soil	0.3	37.1	7.7	92	<0.1	56.4	29.2	880	5.51	2.7	0.9	0.9	10.5	19	0.2	0.1	0.6	125	0.60	0.169
1113149	Soil	0.8	14.4	14.7	55	<0.1	16.8	7.0	265	2.78	7.2	5.7	3.8	2.9	17	0.1	0.4	0.5	53	0.20	0.053
1113135	Soil	1.0	21.9	24.1	78	<0.1	21.2	10.5	531	2.69	8.4	12.5	3.2	3.7	16	0.3	0.5	1.7	50	0.23	0.072
1113134	Soil	1.4	13.3	52.6	72	<0.1	16.1	7.6	367	2.86	7.5	2.8	2.2	4.1	11	0.3	0.5	5.2	53	0.14	0.039
1117142	Soil	1.1	19.8	10.2	48	<0.1	24.2	11.9	319	3.78	7.6	0.8	4.3	10.6	14	0.1	0.4	0.3	84	0.17	0.031
1113159	Soil	0.8	19.1	9.9	65	<0.1	22.3	11.8	490	3.28	7.7	1.7	6.0	4.8	16	0.2	0.4	0.5	67	0.25	0.078
1113148	Soil	0.8	18.0	14.3	67	<0.1	19.9	9.2	663	2.63	7.5	4.5	4.6	5.6	17	0.2	0.5	0.5	54	0.21	0.058

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Project: ECH
Report Date: August 14, 2011

CERTIFICATE OF ANALYSIS DAW11000096.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1127509	Soil	25	47	0.83	183	0.127	<1	3.37	0.011	0.06	0.1	0.03	5.9	<0.1	<0.05	9	0.6	<0.2
1115917	Soil	10	51	1.95	373	0.426	<1	3.81	0.015	1.45	0.3	<0.01	7.0	0.7	<0.05	15	<0.5	<0.2
1127524	Soil	27	30	0.32	253	0.087	<1	2.00	0.013	0.07	0.1	0.02	3.6	<0.1	<0.05	7	<0.5	<0.2
1127522	Soil	35	31	0.43	286	0.092	<1	1.82	0.012	0.05	0.2	0.02	4.4	<0.1	<0.05	6	<0.5	<0.2
1113160	Soil	18	42	0.68	290	0.102	1	2.26	0.012	0.14	0.1	0.03	5.8	0.3	<0.05	7	<0.5	<0.2
1115912	Soil	22	35	0.63	156	0.109	1	1.87	0.010	0.15	0.4	0.02	4.0	0.2	<0.05	7	<0.5	<0.2
1115216	Soil	35	37	0.60	236	0.119	1	1.87	0.016	0.15	0.2	0.03	4.5	0.2	<0.05	7	0.6	<0.2
1127521	Soil	39	29	0.35	249	0.067	<1	1.97	0.008	0.04	0.1	0.01	3.4	<0.1	<0.05	7	0.6	<0.2
1127512	Soil	35	55	0.98	120	0.055	<1	3.17	0.009	0.08	0.6	0.02	5.1	<0.1	<0.05	12	0.6	<0.2
1127511	Soil	24	32	0.49	100	0.050	1	1.59	0.009	0.05	0.3	0.02	2.5	<0.1	<0.05	8	<0.5	<0.2
1127516	Soil	30	40	0.76	236	0.105	<1	2.29	0.019	0.04	0.1	0.03	6.9	<0.1	<0.05	7	<0.5	<0.2
1113525	Soil	11	33	0.53	132	0.104	<1	2.42	0.013	0.07	0.2	0.01	4.1	0.1	<0.05	9	<0.5	<0.2
1127517	Soil	24	28	0.45	152	0.057	<1	1.61	0.009	0.04	0.2	0.01	3.5	<0.1	<0.05	7	<0.5	<0.2
1127514	Soil	38	22	0.70	81	0.043	<1	1.93	0.007	0.10	0.1	<0.01	2.3	<0.1	<0.05	9	<0.5	<0.2
1127515	Soil	13	36	0.65	144	0.085	<1	2.73	0.008	0.08	0.1	0.01	3.1	<0.1	<0.05	10	<0.5	<0.2
1127501	Soil	24	69	1.48	329	0.135	<1	2.36	0.014	0.19	0.2	0.02	7.2	0.1	<0.05	10	<0.5	<0.2
1127520	Soil	36	26	0.35	157	0.068	<1	1.55	0.009	0.04	0.2	0.01	3.4	<0.1	<0.05	5	<0.5	<0.2
1113161	Soil	19	42	0.70	275	0.107	1	2.35	0.013	0.14	0.1	0.04	5.7	0.3	<0.05	7	<0.5	<0.2
1117042	Soil	24	36	0.64	190	0.083	2	2.16	0.013	0.08	0.2	0.04	4.9	0.2	<0.05	6	0.5	<0.2
1117143	Soil	15	45	0.76	251	0.108	2	2.21	0.013	0.13	0.1	0.02	4.6	0.2	<0.05	8	<0.5	<0.2
1117136	Soil	12	135	1.54	134	0.236	1	2.56	0.019	0.59	0.2	0.02	3.7	0.5	<0.05	14	<0.5	<0.2
1113156	Soil	10	36	0.62	199	0.113	<1	1.84	0.013	0.18	0.1	0.02	3.6	0.3	<0.05	6	<0.5	<0.2
1117137	Soil	46	104	2.19	296	0.213	<1	3.02	0.021	0.75	0.2	0.02	7.9	0.6	<0.05	12	<0.5	<0.2
1117138	Soil	39	106	2.24	243	0.245	<1	3.33	0.024	0.73	0.2	<0.01	7.2	0.6	<0.05	12	<0.5	<0.2
1113149	Soil	21	33	0.46	186	0.039	2	1.90	0.008	0.08	0.1	0.04	3.7	0.3	0.05	6	0.7	<0.2
1113135	Soil	13	30	0.48	174	0.058	1	1.77	0.009	0.07	0.1	0.03	3.1	0.2	<0.05	5	<0.5	<0.2
1113134	Soil	10	25	0.35	93	0.043	1	1.68	0.007	0.06	0.2	0.03	2.4	0.5	<0.05	6	<0.5	<0.2
1117142	Soil	21	43	0.65	143	0.075	<1	2.40	0.009	0.05	0.1	0.05	4.5	<0.1	<0.05	9	0.8	<0.2
1113159	Soil	16	38	0.65	173	0.103	<1	1.97	0.010	0.15	0.1	0.04	3.9	0.3	<0.05	7	<0.5	<0.2
1113148	Soil	17	32	0.46	154	0.070	2	1.90	0.010	0.09	0.1	0.03	4.0	0.2	<0.05	5	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1117139	Soil	0.8	37.1	10.5	72	<0.1	40.3	20.9	599	4.30	6.5	2.1	2.2	11.0	23	0.1	0.3	0.4	105	0.50	0.093
1116939	Soil	1.0	31.6	6.8	59	<0.1	64.0	25.9	635	5.20	3.3	0.8	0.8	5.6	18	<0.1	0.1	0.1	138	0.64	0.181
1117149	Soil	1.3	14.6	12.5	51	<0.1	21.1	10.7	355	3.64	5.9	0.6	0.6	7.5	15	0.2	0.5	0.3	91	0.18	0.047
1116938	Soil	0.7	30.5	6.1	47	<0.1	38.1	30.1	854	6.27	2.5	0.8	1.4	4.0	20	<0.1	0.2	<0.1	186	0.67	0.190
1116937	Soil	0.8	19.0	9.6	52	<0.1	21.5	9.9	294	3.09	8.5	0.8	5.5	5.2	19	<0.1	0.5	0.2	64	0.23	0.047
1117141	Soil	1.2	20.3	11.5	53	<0.1	27.3	16.5	299	4.25	5.8	1.5	1.8	13.8	19	0.1	0.3	0.3	73	0.24	0.028
1114265	Soil	0.9	23.1	9.6	53	<0.1	22.2	11.0	326	2.96	6.2	1.0	2.6	3.7	22	<0.1	0.4	0.2	65	0.33	0.065
1127513	Soil	0.3	7.5	8.7	81	<0.1	60.3	27.7	719	5.64	2.1	0.7	1.3	6.9	21	<0.1	0.1	<0.1	124	0.61	0.183
1117147	Soil	1.6	8.5	17.9	35	<0.1	8.6	4.4	640	3.11	6.9	0.7	1.7	4.6	18	0.2	0.4	0.3	72	0.11	0.045
1113147	Soil	0.7	14.2	12.5	64	<0.1	21.9	8.9	335	2.75	6.3	3.2	2.1	4.8	19	0.2	0.4	0.6	57	0.25	0.056
1114266	Soil	0.9	26.3	9.1	53	<0.1	26.9	12.7	354	3.21	6.5	1.3	2.4	5.3	23	<0.1	0.4	0.1	74	0.33	0.046
1114331	Soil	0.8	19.0	11.5	62	<0.1	25.3	12.7	436	3.10	7.0	0.9	2.3	7.1	18	<0.1	0.4	0.2	62	0.24	0.048
1114329	Soil	1.1	16.1	15.0	55	<0.1	18.3	7.7	234	2.82	7.1	0.9	<0.5	2.7	15	0.1	0.4	0.2	56	0.18	0.049
1114267	Soil	0.9	28.0	8.2	54	<0.1	24.4	11.2	399	3.12	7.5	1.0	2.1	4.6	26	<0.1	0.5	0.1	60	0.32	0.060
1114312	Soil	0.9	20.6	9.6	60	<0.1	22.1	11.0	301	2.89	6.9	1.0	0.9	5.6	18	0.2	0.4	0.2	62	0.29	0.083
1116942	Soil	1.1	23.0	8.8	52	<0.1	23.9	11.9	338	3.09	7.6	1.5	1.1	8.0	22	0.1	0.4	0.2	71	0.31	0.051
1116936	Soil	1.5	16.8	8.2	57	<0.1	22.5	12.9	476	3.20	3.8	0.9	2.9	7.4	22	<0.1	0.3	0.2	65	0.32	0.055
1114303	Soil	1.3	13.4	13.2	39	0.1	12.6	5.9	163	3.34	6.3	0.6	2.1	3.9	9	0.2	0.5	0.2	76	0.10	0.056
1114644	Soil	0.4	9.4	5.3	89	<0.1	22.4	18.3	442	5.29	1.7	1.0	<0.5	4.9	28	<0.1	0.1	<0.1	102	0.60	0.114
1114332	Soil	1.3	18.4	8.2	57	<0.1	19.0	11.0	338	2.89	4.3	1.1	1.1	3.6	16	<0.1	0.3	0.2	56	0.22	0.061
1114641	Soil	0.6	11.6	6.6	42	<0.1	18.1	12.8	269	3.62	5.8	1.0	0.6	11.1	16	<0.1	0.3	0.2	76	0.24	0.042
1114328	Soil	0.6	11.9	17.8	56	<0.1	14.6	8.3	307	2.22	3.1	0.9	<0.5	7.3	13	0.2	0.2	0.1	42	0.18	0.053
1114322	Soil	0.8	17.0	11.6	49	<0.1	22.2	10.7	279	3.16	8.1	0.9	1.9	6.8	18	0.1	0.4	0.2	64	0.22	0.052
1116940	Soil	0.9	12.0	7.7	43	<0.1	8.3	5.4	209	2.52	4.4	1.1	<0.5	13.6	8	<0.1	0.4	0.5	56	0.08	0.030
1117145	Soil	1.0	19.7	11.0	48	<0.1	23.2	13.8	463	3.57	9.2	0.8	1.2	5.6	16	0.3	0.5	0.2	66	0.17	0.059
1114330	Soil	0.7	20.5	12.8	71	<0.1	34.8	16.4	453	3.90	5.1	1.0	4.5	7.7	15	0.1	0.3	0.1	74	0.26	0.057
1114304	Soil	1.0	24.3	9.6	62	<0.1	28.8	14.1	432	3.67	9.4	1.4	1.6	9.0	17	0.1	0.5	0.2	69	0.24	0.054
1114632	Soil	1.0	20.6	9.5	71	<0.1	32.3	21.7	557	4.61	6.5	0.4	5.0	4.2	17	<0.1	0.4	0.2	107	0.31	0.074
1114305	Soil	0.9	21.2	11.0	54	<0.1	20.8	9.3	297	2.74	6.5	1.0	2.0	1.9	18	0.2	0.4	0.2	57	0.25	0.069
1117146	Soil	1.2	31.7	19.5	101	<0.1	47.0	26.9	1017	5.67	2.2	1.6	<0.5	16.6	22	<0.1	0.2	0.4	120	0.53	0.077

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Project: ECH
Report Date: August 14, 2011

CERTIFICATE OF ANALYSIS DAW11000096.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1117139	Soil		32	73	1.29	201	0.163	2	2.70	0.021	0.29	0.2	0.03	8.6	0.3	<0.05	10	<0.5	<0.2
1116939	Soil		13	155	1.87	257	0.221	2	3.09	0.022	0.68	0.2	<0.01	9.2	0.3	<0.05	11	<0.5	<0.2
1117149	Soil		10	54	0.69	162	0.123	1	2.32	0.016	0.12	0.2	0.01	4.0	0.2	<0.05	11	<0.5	<0.2
1116938	Soil		17	116	1.87	404	0.203	1	3.14	0.024	0.54	0.2	0.01	13.3	0.2	<0.05	12	<0.5	<0.2
1116937	Soil		16	34	0.58	205	0.095	2	2.06	0.013	0.08	0.2	0.03	4.1	0.1	<0.05	7	<0.5	<0.2
1117141	Soil		12	42	0.58	141	0.023	<1	2.48	0.007	0.11	0.2	0.01	4.8	0.2	<0.05	8	<0.5	<0.2
1114265	Soil		18	38	0.70	176	0.112	<1	1.96	0.012	0.12	0.1	0.03	4.1	0.2	<0.05	7	<0.5	<0.2
1127513	Soil		11	141	2.30	151	0.244	<1	3.07	0.014	0.22	<0.1	0.02	7.5	0.2	<0.05	14	<0.5	<0.2
1117147	Soil		17	23	0.23	573	0.061	<1	1.36	0.009	0.07	0.1	0.04	1.8	<0.1	0.05	8	<0.5	<0.2
1113147	Soil		16	39	0.57	164	0.074	<1	1.90	0.009	0.14	<0.1	0.03	3.6	0.4	<0.05	7	<0.5	<0.2
1114266	Soil		18	41	0.81	216	0.142	<1	2.49	0.015	0.12	0.2	0.03	4.4	0.2	<0.05	7	0.6	<0.2
1114331	Soil		18	41	0.68	168	0.111	1	2.08	0.011	0.17	0.2	0.02	3.5	0.2	<0.05	7	0.5	<0.2
1114329	Soil		16	27	0.49	132	0.069	<1	1.70	0.009	0.10	0.2	0.06	2.5	0.1	<0.05	7	<0.5	<0.2
1114267	Soil		17	35	0.61	233	0.094	<1	1.88	0.015	0.12	0.1	0.03	3.8	0.1	<0.05	6	0.5	<0.2
1114312	Soil		21	37	0.62	160	0.107	<1	2.06	0.010	0.16	0.2	0.02	3.5	0.2	<0.05	7	0.6	<0.2
1116942	Soil		35	45	0.63	287	0.081	<1	2.11	0.015	0.10	0.2	0.04	5.8	0.1	<0.05	8	0.7	<0.2
1116936	Soil		30	37	1.00	237	0.129	<1	1.90	0.014	0.20	0.1	0.01	4.5	0.2	<0.05	8	<0.5	<0.2
1114303	Soil		10	27	0.30	87	0.101	<1	1.92	0.010	0.08	0.1	0.04	2.2	0.1	<0.05	9	<0.5	<0.2
1114644	Soil		13	42	1.66	249	0.168	<1	2.85	0.013	0.50	0.1	0.01	7.9	0.3	<0.05	15	<0.5	<0.2
1114332	Soil		19	36	0.60	123	0.100	1	1.88	0.018	0.24	1.1	0.04	3.2	0.3	<0.05	7	0.6	<0.2
1114641	Soil		20	32	0.90	214	0.134	<1	2.20	0.013	0.10	0.1	0.01	4.1	0.1	<0.05	10	<0.5	<0.2
1114328	Soil		21	21	0.47	95	0.093	<1	1.48	0.013	0.17	0.2	0.03	2.2	0.2	<0.05	6	<0.5	<0.2
1114322	Soil		24	37	0.60	146	0.085	1	2.31	0.010	0.09	0.2	0.03	3.6	0.2	<0.05	7	0.5	<0.2
1116940	Soil		6	16	0.35	91	0.082	<1	1.39	0.013	0.19	0.4	0.01	2.7	0.2	<0.05	11	<0.5	<0.2
1117145	Soil		12	37	0.48	137	0.064	<1	3.16	0.012	0.05	0.1	0.04	4.0	<0.1	<0.05	6	0.7	<0.2
1114330	Soil		19	68	1.06	138	0.178	<1	2.43	0.012	0.36	0.3	0.02	3.9	0.4	<0.05	9	0.6	<0.2
1114304	Soil		26	42	0.67	204	0.113	1	2.51	0.011	0.15	0.2	0.04	5.7	0.2	<0.05	7	<0.5	<0.2
1114632	Soil		9	50	1.40	275	0.185	<1	2.82	0.012	0.33	0.2	0.01	5.7	0.2	<0.05	10	<0.5	<0.2
1114305	Soil		14	33	0.51	154	0.067	1	1.87	0.010	0.08	0.1	0.03	2.8	0.1	<0.05	6	<0.5	<0.2
1117146	Soil		54	98	1.76	273	0.114	<1	3.13	0.013	0.24	0.1	0.01	12.1	0.2	<0.05	15	0.9	<0.2

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Vancouver BC V6C 1H2 Canada

Project: ECH
Report Date: August 14, 2011

CERTIFICATE OF ANALYSIS DAW11000096.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1114637	Soil		1.0	10.5	8.5	52	<0.1	14.9	9.2	371	3.55	9.8	0.6	<0.5	5.9	11	<0.1	0.4	0.2	70	0.13	0.107
1114306	Soil		0.9	29.5	136.8	104	0.1	28.5	14.9	401	3.12	7.2	1.0	2.3	4.6	16	0.3	0.4	0.4	65	0.20	0.030
1114634	Soil		0.9	14.0	6.5	51	<0.1	28.8	21.8	375	4.24	3.9	0.3	<0.5	3.6	13	0.1	0.2	0.1	113	0.29	0.070
1114324	Soil		1.1	8.7	9.8	31	<0.1	20.1	6.9	160	2.99	6.6	0.3	0.7	2.1	11	0.1	0.4	0.2	86	0.10	0.021
1116943	Soil		2.5	38.5	8.9	62	<0.1	40.3	19.6	467	6.09	8.1	2.6	<0.5	11.2	10	0.1	0.4	0.4	133	0.18	0.037
1127518	Soil		1.9	24.3	12.7	62	<0.1	19.3	12.4	280	3.71	5.4	2.1	<0.5	15.1	18	0.2	0.3	0.3	75	0.14	0.031
1114321	Soil		0.7	16.9	11.6	68	<0.1	21.3	11.9	394	3.07	6.5	0.8	2.1	7.1	15	0.2	0.4	0.2	66	0.21	0.043
1114326	Soil		0.7	20.3	11.3	59	<0.1	19.6	10.9	425	3.13	5.7	1.2	<0.5	21.3	20	0.1	0.4	0.1	50	0.34	0.114
1116941	Soil		2.2	47.0	3.1	80	<0.1	45.9	30.2	493	6.36	1.8	3.3	<0.5	4.4	17	<0.1	0.1	0.2	174	0.50	0.125
1114639	Soil		0.7	11.4	7.4	40	<0.1	17.6	11.9	247	3.72	7.0	0.6	1.0	5.9	13	<0.1	0.3	0.2	97	0.18	0.023
1114646	Soil		0.3	20.6	7.7	52	<0.1	16.7	17.5	578	5.19	1.1	2.7	<0.5	19.0	26	<0.1	<0.1	0.2	100	0.60	0.098
1114327	Soil		0.7	18.6	10.3	47	<0.1	19.4	9.0	262	2.86	7.7	1.1	1.5	3.3	17	<0.1	0.4	0.2	68	0.22	0.053
1115262	Soil		0.9	21.9	12.5	72	<0.1	23.6	15.2	561	3.95	8.1	0.7	<0.5	12.2	13	0.2	0.5	0.2	74	0.15	0.044
1115260	Soil		1.0	10.1	11.5	28	<0.1	10.2	4.5	167	2.44	7.2	0.6	2.0	3.1	8	<0.1	0.4	0.2	62	0.08	0.029
1114657	Soil		0.3	16.5	6.1	73	<0.1	15.5	14.1	352	4.19	3.5	1.4	<0.5	7.5	31	<0.1	0.2	0.1	105	0.41	0.083
1114325	Soil		0.8	22.8	11.1	61	<0.1	24.4	10.6	338	2.85	8.3	0.9	1.5	2.3	21	0.1	0.5	0.2	57	0.27	0.092
1115265	Soil		0.6	14.6	12.2	36	<0.1	9.3	4.7	123	2.35	3.6	0.8	1.4	0.6	11	<0.1	0.2	0.2	57	0.10	0.028
1115263	Soil		0.7	31.0	9.9	68	<0.1	26.5	18.4	585	4.45	3.2	1.1	<0.5	9.9	13	0.1	0.2	0.1	85	0.23	0.071
1115261	Soil		1.2	13.6	9.7	38	<0.1	13.5	7.1	236	3.05	6.4	0.4	2.0	2.8	8	<0.1	0.5	0.2	89	0.08	0.030
1114323	Soil		0.8	14.8	9.8	41	<0.1	11.7	5.9	190	2.33	3.2	1.4	<0.5	1.0	13	<0.1	0.2	0.2	48	0.12	0.057
1115256	Soil		1.0	17.3	11.4	27	<0.1	12.8	6.3	170	2.10	2.6	1.7	0.9	1.1	21	<0.1	0.2	0.2	59	0.19	0.056
1114311	Soil		0.5	20.2	9.1	52	<0.1	20.3	8.1	231	2.38	5.2	1.1	2.6	2.8	23	0.1	0.4	0.2	49	0.29	0.070
1117148	Soil		0.9	19.1	9.1	38	<0.1	12.2	8.0	476	2.42	4.5	0.6	1.4	2.8	14	<0.1	0.3	0.2	64	0.16	0.034
1117140	Soil		0.8	33.5	9.7	62	<0.1	33.1	18.3	618	3.47	9.2	1.5	2.5	14.1	19	0.1	0.4	0.3	75	0.27	0.064
1114653	Soil		0.7	21.6	9.3	60	<0.1	26.2	16.3	305	3.44	7.2	1.1	1.7	5.2	20	<0.1	0.4	0.1	88	0.30	0.038
1115253	Soil		1.3	11.3	11.1	32	<0.1	9.2	4.3	128	2.63	7.9	0.5	<0.5	3.9	8	<0.1	0.6	0.2	80	0.07	0.024
1127510	Soil		1.2	22.0	13.8	65	<0.1	18.0	14.3	555	5.18	7.5	0.8	<0.5	5.3	10	0.2	0.4	0.2	112	0.09	0.038
1116944	Soil		1.7	17.2	10.2	41	<0.1	18.1	10.2	361	3.03	5.0	1.7	2.1	7.2	20	<0.1	0.4	0.2	65	0.24	0.046
1113151	Soil		0.7	12.8	8.0	53	<0.1	17.4	10.4	332	3.26	3.8	2.3	<0.5	5.8	16	<0.1	0.3	0.9	64	0.25	0.059
1113143	Soil		1.1	12.5	12.1	52	<0.1	18.0	9.0	304	2.95	8.0	0.7	0.8	3.5	14	0.5	0.5	0.4	61	0.13	0.038

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1114637	Soil		10	29	0.74	142	0.097	3	1.86	0.009	0.14	0.2	0.01	3.0	<0.1	<0.05	8	<0.5	<0.2
1114306	Soil		12	51	0.86	192	0.126	2	2.18	0.011	0.20	0.7	0.02	4.6	0.2	<0.05	6	<0.5	<0.2
1114634	Soil		4	96	1.58	212	0.269	<1	2.89	0.013	0.29	0.3	<0.01	3.0	0.1	<0.05	10	<0.5	<0.2
1114324	Soil		7	46	0.44	80	0.148	<1	1.42	0.009	0.06	0.2	<0.01	1.6	0.1	<0.05	8	<0.5	<0.2
1116943	Soil		22	91	1.18	128	0.123	1	2.64	0.019	0.10	0.2	0.01	7.9	0.2	<0.05	12	0.7	<0.2
1127518	Soil		26	37	0.49	207	0.045	<1	2.22	0.009	0.06	0.2	0.02	5.3	<0.1	<0.05	7	0.6	<0.2
1114321	Soil		18	39	0.71	134	0.086	1	1.92	0.010	0.10	0.1	0.01	3.7	0.1	<0.05	6	0.5	<0.2
1114326	Soil		47	29	0.59	212	0.062	<1	1.93	0.009	0.13	0.2	0.02	3.5	0.1	<0.05	8	0.6	<0.2
1116941	Soil		18	89	2.72	389	0.283	1	3.64	0.025	0.96	0.4	0.01	11.4	0.5	<0.05	14	<0.5	<0.2
1114639	Soil		9	40	0.81	163	0.195	1	2.06	0.013	0.07	0.2	<0.01	3.3	<0.1	<0.05	10	<0.5	<0.2
1114646	Soil		37	49	1.11	201	0.081	<1	2.34	0.021	0.32	0.1	<0.01	10.9	0.1	<0.05	12	0.6	<0.2
1114327	Soil		19	35	0.56	171	0.082	1	1.98	0.009	0.09	0.2	0.05	3.2	0.2	<0.05	7	0.7	<0.2
1115262	Soil		18	37	0.85	154	0.124	1	2.97	0.010	0.22	0.2	0.04	3.6	0.3	<0.05	10	<0.5	<0.2
1115260	Soil		15	24	0.28	69	0.055	<1	1.31	0.006	0.05	0.1	0.02	1.8	0.1	<0.05	7	0.6	<0.2
1114657	Soil		18	34	0.94	284	0.133	<1	2.36	0.014	0.40	0.2	0.01	6.6	0.1	<0.05	10	0.7	<0.2
1114325	Soil		24	33	0.60	210	0.063	2	1.81	0.012	0.11	0.2	0.03	3.0	0.1	<0.05	5	0.6	<0.2
1115265	Soil		15	21	0.34	83	0.059	<1	1.32	0.008	0.06	<0.1	0.02	1.4	0.1	<0.05	7	<0.5	<0.2
1115263	Soil		21	51	1.06	130	0.107	<1	2.48	0.009	0.23	0.1	0.01	4.8	0.2	<0.05	10	0.7	<0.2
1115261	Soil		8	35	0.39	75	0.096	<1	1.85	0.008	0.06	0.1	0.02	2.2	<0.1	<0.05	8	<0.5	<0.2
1114323	Soil		24	24	0.32	97	0.032	<1	1.26	0.009	0.09	0.2	0.02	1.3	0.1	<0.05	6	0.5	<0.2
1115256	Soil		32	28	0.38	194	0.080	<1	1.44	0.014	0.11	0.1	0.03	2.6	0.2	<0.05	7	<0.5	<0.2
1114311	Soil		15	31	0.57	188	0.081	1	1.66	0.011	0.08	0.2	0.02	3.2	0.1	<0.05	5	0.6	<0.2
1117148	Soil		10	31	0.42	130	0.064	<1	1.60	0.014	0.07	0.1	0.01	2.7	<0.1	<0.05	7	<0.5	<0.2
1117140	Soil		29	54	0.73	207	0.086	2	2.42	0.012	0.11	0.3	0.04	5.6	0.2	<0.05	7	0.8	<0.2
1114653	Soil		11	70	0.72	235	0.147	1	2.39	0.014	0.07	0.2	0.02	5.0	<0.1	<0.05	8	0.5	<0.2
1115253	Soil		10	21	0.19	69	0.077	<1	1.28	0.005	0.05	0.3	0.02	1.7	0.1	<0.05	9	<0.5	<0.2
1127510	Soil		8	29	1.19	151	0.114	<1	2.65	0.007	0.22	0.3	0.01	5.7	0.1	<0.05	14	0.5	<0.2
1116944	Soil		34	34	0.37	268	0.042	<1	1.47	0.010	0.08	0.2	0.02	5.3	0.1	<0.05	6	0.7	<0.2
1113151	Soil		17	33	0.91	230	0.131	1	2.08	0.009	0.40	0.1	0.01	4.8	0.4	<0.05	8	<0.5	<0.2
1113143	Soil		9	33	0.40	120	0.071	2	2.76	0.009	0.05	0.2	0.05	2.9	0.1	<0.05	6	0.8	<0.2

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

Project: ECH
Report Date: August 14, 2011

CERTIFICATE OF ANALYSIS DAW11000096.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1113137	Soil	0.8	17.7	12.9	60	<0.1	19.6	8.7	323	2.34	6.2	4.7	5.5	3.7	24	0.1	0.4	0.9	49	0.32	0.069
1127506	Soil	0.5	25.8	12.3	37	<0.1	22.9	14.4	325	3.28	2.3	0.6	<0.5	7.8	12	<0.1	0.1	0.1	72	0.28	0.057
1113139	Soil	0.4	12.7	14.9	53	<0.1	16.0	6.5	149	2.16	5.2	3.7	1.6	1.9	16	0.2	0.4	1.1	52	0.21	0.050
1113153	Soil	0.7	11.9	7.8	44	<0.1	14.1	7.2	240	2.28	3.9	1.5	0.6	4.9	14	0.1	0.3	0.3	52	0.20	0.048
1114277	Soil	0.7	12.5	12.8	62	<0.1	13.8	7.8	290	2.50	5.3	1.1	1.0	5.2	17	0.1	0.3	0.8	56	0.24	0.046
1115918	Soil	0.7	32.5	8.7	79	<0.1	39.9	26.5	626	5.20	4.7	1.1	<0.5	11.5	14	0.1	0.2	0.2	138	0.22	0.041
1115909	Soil	1.5	16.6	9.6	73	<0.1	25.6	15.6	501	3.68	7.7	0.7	4.4	5.3	15	0.2	0.5	1.5	75	0.21	0.050
1113133	Soil	0.3	23.0	14.7	63	0.1	20.2	7.6	301	2.56	8.0	22.7	4.3	3.9	28	0.2	0.5	1.0	56	0.35	0.057
1115910	Soil	1.7	18.2	18.0	84	<0.1	23.8	13.6	517	3.81	8.4	1.0	2.6	6.3	18	0.1	0.4	0.3	68	0.20	0.062
1113526	Soil	1.5	18.5	8.9	51	<0.1	23.8	12.3	242	4.32	6.6	1.1	2.6	12.6	11	0.1	0.5	2.7	86	0.11	0.020
1115902	Soil	0.9	18.7	9.4	62	<0.1	22.6	12.1	361	3.20	5.0	1.4	3.8	8.2	17	<0.1	0.3	0.2	63	0.25	0.052
1115903	Soil	0.9	21.5	9.2	59	<0.1	20.2	9.7	305	2.74	5.7	1.4	2.2	6.7	18	<0.1	0.4	0.2	59	0.26	0.056
1113136	Soil	0.6	15.8	14.4	56	<0.1	15.6	8.5	304	2.30	6.1	6.8	7.7	3.5	17	0.2	0.4	1.2	47	0.23	0.059
1127504	Soil	0.6	28.1	9.0	73	<0.1	40.8	20.1	570	4.29	2.7	0.7	2.4	5.5	18	0.1	0.1	0.2	91	0.44	0.105
1113512	Soil	1.7	20.8	11.7	72	<0.1	21.6	13.0	442	4.14	6.5	0.9	2.8	7.3	12	0.2	0.4	0.6	87	0.14	0.037
1114640	Soil	0.7	12.9	7.1	45	<0.1	17.8	12.3	251	3.74	5.8	0.6	0.9	6.1	14	<0.1	0.4	0.2	100	0.22	0.025
1114633	Soil	0.8	14.7	6.9	60	<0.1	21.6	13.6	345	3.67	7.1	0.7	3.5	6.2	14	0.1	0.4	0.1	92	0.24	0.069
1114635	Soil	0.7	12.2	6.8	47	<0.1	20.7	13.8	289	3.82	5.3	0.4	1.7	6.7	13	<0.1	0.4	0.1	103	0.21	0.028
1114643	Soil	1.0	14.1	10.0	54	<0.1	20.3	13.4	425	3.59	7.3	0.8	2.3	10.7	19	<0.1	0.4	0.2	79	0.16	0.018
1114642	Soil	1.1	14.8	7.4	57	<0.1	28.3	24.2	685	5.55	5.1	0.3	0.9	2.8	13	<0.1	0.2	0.1	134	0.21	0.062
1114638	Soil	0.4	17.3	4.7	45	<0.1	21.4	14.8	320	3.00	3.1	0.8	1.8	7.3	17	<0.1	0.2	<0.1	70	0.38	0.069
1114645	Soil	0.3	9.0	4.4	119	<0.1	28.5	21.3	586	6.29	0.5	1.3	0.9	6.7	35	<0.1	<0.1	<0.1	116	0.78	0.149
1114662	Soil	0.5	24.3	8.3	49	<0.1	17.3	6.9	166	2.38	5.7	1.5	2.1	3.9	32	0.2	0.4	0.1	52	0.45	0.055
1114647	Soil	0.5	16.5	9.5	55	<0.1	17.2	25.2	1195	4.35	1.1	0.5	<0.5	2.0	9	<0.1	<0.1	<0.1	103	0.66	0.138
1114665	Soil	0.7	31.6	10.3	77	0.1	27.6	12.9	600	2.77	8.5	1.3	2.7	3.9	47	0.4	0.6	0.2	58	0.66	0.063
1114660	Soil	0.7	28.2	9.4	62	<0.1	21.5	9.8	292	3.05	6.5	2.3	5.0	7.5	37	0.1	0.5	0.2	71	0.51	0.060
1114636	Soil	0.5	17.0	4.6	91	<0.1	14.4	25.7	745	7.64	2.5	0.6	0.9	3.5	15	<0.1	0.1	0.1	184	0.34	0.091
1114654	Soil	0.2	18.3	3.4	52	<0.1	20.2	15.2	418	4.38	0.6	1.6	2.8	15.8	29	<0.1	0.1	0.2	85	0.63	0.131
1114664	Soil	0.7	24.9	10.5	58	<0.1	20.2	11.6	363	2.74	7.3	1.1	4.4	3.8	41	0.2	0.5	0.2	58	0.51	0.055
1114659	Soil	0.6	23.8	7.1	67	<0.1	20.3	9.5	269	3.28	4.4	2.0	2.8	5.8	32	0.2	0.4	0.2	72	0.43	0.067

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Vancouver BC V6C 1H2 Canada

Project: ECH
Report Date: August 14, 2011

CERTIFICATE OF ANALYSIS DAW11000096.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1113137	Soil	13	30	0.52	223	0.070	1	1.66	0.010	0.07	0.2	0.02	3.7	0.1	<0.05	5	<0.5	<0.2
1127506	Soil	11	46	1.11	114	0.245	<1	2.15	0.015	0.16	0.2	<0.01	3.1	0.1	<0.05	10	<0.5	<0.2
1113139	Soil	10	27	0.42	160	0.055	<1	1.64	0.007	0.07	0.1	0.02	2.4	0.2	<0.05	5	<0.5	<0.2
1113153	Soil	14	25	0.48	149	0.094	1	1.43	0.009	0.14	0.1	0.02	2.9	0.2	<0.05	5	<0.5	<0.2
1114277	Soil	15	28	0.49	134	0.094	1	1.91	0.009	0.14	0.1	0.02	3.2	0.3	<0.05	7	<0.5	<0.2
1115918	Soil	31	97	1.92	203	0.307	<1	3.82	0.010	0.60	1.0	<0.01	7.5	0.5	<0.05	13	0.6	<0.2
1115909	Soil	11	37	0.77	159	0.126	2	2.32	0.010	0.20	0.7	0.02	3.9	0.2	<0.05	7	0.6	<0.2
1113133	Soil	13	34	0.42	302	0.071	3	1.67	0.013	0.05	0.2	0.05	4.4	<0.1	<0.05	5	<0.5	<0.2
1115910	Soil	19	38	0.59	142	0.064	2	2.54	0.010	0.13	0.6	0.03	3.9	0.1	<0.05	7	<0.5	<0.2
1113526	Soil	12	39	0.58	136	0.092	<1	2.46	0.012	0.09	0.2	0.02	4.6	0.1	<0.05	10	<0.5	<0.2
1115902	Soil	27	38	0.75	144	0.130	<1	1.99	0.009	0.20	0.6	0.03	3.9	0.2	<0.05	7	<0.5	<0.2
1115903	Soil	24	33	0.59	139	0.089	1	1.85	0.010	0.13	0.3	0.03	3.6	0.1	<0.05	6	<0.5	<0.2
1113136	Soil	12	28	0.41	134	0.059	<1	1.46	0.009	0.05	0.1	0.03	2.8	0.1	<0.05	4	<0.5	<0.2
1127504	Soil	13	86	1.48	174	0.175	<1	2.33	0.014	0.22	0.2	0.02	5.1	<0.1	<0.05	10	0.5	<0.2
1113512	Soil	12	45	0.63	119	0.044	<1	2.59	0.010	0.09	3.0	0.02	4.6	<0.1	<0.05	9	<0.5	<0.2
1114640	Soil	10	40	0.87	169	0.207	<1	2.24	0.013	0.07	0.2	0.01	3.8	<0.1	<0.05	11	<0.5	<0.2
1114633	Soil	11	42	0.99	227	0.178	1	2.21	0.012	0.30	0.2	0.02	3.9	0.1	<0.05	9	0.5	<0.2
1114635	Soil	8	48	1.18	181	0.203	<1	2.65	0.015	0.17	0.2	0.02	3.8	<0.1	<0.05	10	<0.5	<0.2
1114643	Soil	18	42	0.54	158	0.072	<1	2.34	0.011	0.06	0.1	0.02	5.4	<0.1	<0.05	7	<0.5	<0.2
1114642	Soil	4	68	1.56	122	0.273	<1	2.71	0.012	0.39	0.2	0.01	3.7	0.2	<0.05	11	<0.5	<0.2
1114638	Soil	24	50	1.16	310	0.179	<1	1.92	0.020	0.28	0.2	0.02	4.0	0.1	<0.05	8	<0.5	<0.2
1114645	Soil	15	53	2.14	326	0.172	<1	3.16	0.012	0.83	0.1	0.01	10.8	0.5	<0.05	17	<0.5	<0.2
1114662	Soil	16	29	0.42	214	0.072	<1	1.70	0.017	0.05	0.1	0.03	3.8	<0.1	<0.05	5	0.6	<0.2
1114647	Soil	5	62	1.12	82	0.180	<1	2.11	0.057	0.21	0.2	0.01	7.0	<0.1	<0.05	10	<0.5	<0.2
1114665	Soil	15	30	0.48	315	0.086	<1	1.65	0.024	0.08	0.1	0.03	4.3	<0.1	<0.05	5	<0.5	<0.2
1114660	Soil	23	36	0.52	308	0.106	<1	2.00	0.020	0.08	0.2	0.04	5.8	<0.1	<0.05	7	<0.5	<0.2
1114636	Soil	8	33	2.17	285	0.533	<1	3.63	0.016	0.98	0.2	<0.01	6.5	0.7	<0.05	18	<0.5	<0.2
1114654	Soil	39	42	1.14	325	0.083	<1	2.03	0.025	0.45	0.2	<0.01	9.6	0.1	<0.05	11	0.6	<0.2
1114664	Soil	15	32	0.44	270	0.079	1	1.87	0.017	0.06	0.1	0.04	4.6	<0.1	<0.05	5	<0.5	<0.2
1114659	Soil	19	31	0.63	271	0.106	<1	2.07	0.018	0.12	0.1	0.04	5.7	<0.1	<0.05	8	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1115906	Soil	0.9	21.5	9.9	70	<0.1	23.8	13.9	517	3.95	5.1	1.1	2.4	11.0	17	0.1	0.3	0.4	78	0.28	0.065
1114278	Soil	0.8	21.0	11.3	76	<0.1	33.9	19.5	1230	4.05	4.6	1.2	1.2	7.8	21	0.1	0.3	0.4	82	0.31	0.074
1114286	Soil	0.7	19.3	10.1	57	<0.1	20.9	10.4	294	2.85	5.6	0.9	2.3	5.7	16	<0.1	0.4	0.3	57	0.18	0.031
1127526	Soil	0.6	32.2	11.4	61	<0.1	27.2	10.1	291	2.83	4.2	1.2	3.4	8.8	28	<0.1	0.4	0.2	45	0.29	0.041
1113141	Soil	0.7	10.3	14.3	66	<0.1	13.7	8.1	501	2.52	5.3	2.6	2.6	3.5	14	0.2	0.4	1.3	52	0.18	0.051
1113138	Soil	0.5	14.7	12.3	55	<0.1	16.6	8.3	260	2.03	4.4	3.5	6.4	3.7	20	0.2	0.5	1.0	49	0.28	0.065
1115905	Soil	1.0	21.8	12.0	58	<0.1	27.2	13.1	468	3.27	6.6	1.2	3.9	8.5	21	<0.1	0.4	0.2	68	0.28	0.042
1115217	Soil	0.7	23.5	8.8	58	<0.1	18.9	9.1	301	2.95	4.7	1.4	3.7	15.2	21	<0.1	0.4	0.2	61	0.30	0.048
1114320	Soil	0.5	13.3	8.2	42	<0.1	22.5	7.8	192	2.41	2.1	1.0	1.9	7.6	15	<0.1	0.3	0.1	46	0.22	0.047
1117150	Soil	2.6	28.6	5.2	66	<0.1	32.5	29.5	601	7.19	0.6	0.9	1.3	11.3	13	<0.1	0.1	0.3	175	0.32	0.127
1115226	Soil	0.5	33.8	11.0	57	<0.1	26.2	12.1	309	3.41	3.2	2.8	1.6	14.1	29	<0.1	0.3	0.2	73	0.42	0.041
1114287	Soil	0.6	19.5	9.7	57	<0.1	21.4	10.5	305	2.96	5.5	0.9	2.2	5.6	16	<0.1	0.4	0.2	57	0.20	0.032
1115218	Soil	0.9	29.5	8.2	68	<0.1	21.9	12.6	407	3.10	5.8	1.9	3.4	11.9	30	<0.1	0.4	0.2	64	0.46	0.106
1113132	Soil	0.7	16.2	21.1	65	<0.1	15.9	7.0	367	2.19	6.9	10.0	3.1	1.4	14	0.2	0.4	1.6	49	0.18	0.059
1113131	Soil	0.7	20.9	16.6	59	<0.1	20.1	7.7	343	2.52	8.4	14.6	3.8	2.5	21	<0.1	0.5	1.5	58	0.26	0.068
1113158	Soil	0.8	15.7	13.1	55	<0.1	23.7	11.6	406	2.73	7.5	1.8	2.7	2.0	19	0.2	0.5	0.4	59	0.21	0.075
1113157	Soil	0.8	20.0	9.9	57	<0.1	20.9	9.3	340	2.54	7.6	1.1	1.9	3.1	16	0.2	0.4	0.3	57	0.19	0.050
1114663	Soil	0.8	25.6	12.2	59	0.1	19.1	9.1	267	2.75	9.5	1.4	3.4	4.5	38	0.3	0.6	0.2	68	0.47	0.060
1113140	Soil	0.9	18.0	15.2	71	<0.1	19.1	8.8	432	2.76	8.4	5.1	1.9	3.2	16	0.2	0.4	1.1	57	0.22	0.062
1113154	Soil	0.7	20.2	12.2	54	<0.1	20.3	9.2	240	2.85	9.2	1.7	2.2	3.0	17	0.2	0.5	0.3	64	0.22	0.063
1114655	Soil	0.3	11.5	3.9	75	<0.1	25.3	35.4	770	6.32	1.9	2.0	<0.5	7.1	41	<0.1	0.1	<0.1	146	1.10	0.181
1114652	Soil	0.4	31.1	4.9	89	<0.1	10.7	18.9	471	4.93	2.9	1.6	<0.5	19.6	24	0.2	0.1	<0.1	107	0.80	0.236
1114650	Soil	0.5	8.0	3.2	55	<0.1	5.6	12.3	442	5.17	1.1	1.4	1.0	20.0	10	0.2	<0.1	0.4	78	0.17	0.095
1114649	Soil	0.4	15.4	4.5	54	<0.1	21.0	16.0	543	4.17	2.1	0.9	2.2	13.8	19	0.2	<0.1	0.1	78	0.45	0.145
1115353	Soil	0.6	37.0	8.4	90	<0.1	27.0	21.6	519	6.50	5.5	3.7	1.7	15.5	18	<0.1	0.3	0.3	169	0.39	0.089
1114949	Soil	0.9	15.9	8.3	45	<0.1	11.7	7.4	253	3.12	6.3	0.9	0.7	8.0	15	0.1	0.4	0.2	60	0.14	0.028
1114661	Soil	0.8	27.7	11.8	58	0.1	21.6	9.6	281	2.88	6.9	2.1	1.8	5.3	38	0.2	0.6	0.2	67	0.53	0.064
1115351	Soil	1.3	23.4	10.0	45	<0.1	16.9	8.9	241	3.65	9.4	1.1	<0.5	8.7	10	0.2	0.6	0.3	84	0.12	0.031
1115225	Soil	0.3	21.5	6.4	77	<0.1	52.9	32.3	510	5.89	2.4	1.3	1.2	18.4	28	<0.1	0.1	0.2	119	0.47	0.060
1113162	Soil	0.8	17.1	14.1	67	<0.1	17.5	10.3	541	2.93	6.2	2.3	2.2	4.3	15	0.2	0.4	0.5	61	0.22	0.061

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

Project: ECH
Report Date: August 14, 2011

CERTIFICATE OF ANALYSIS DAW11000096.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1115906	Soil	28	39	0.83	164	0.091	<1	2.34	0.011	0.20	0.8	0.02	4.9	0.2	<0.05	9	<0.5	<0.2
1114278	Soil	19	69	0.97	208	0.094	<1	2.39	0.010	0.22	0.1	0.01	7.1	0.2	<0.05	8	<0.5	<0.2
1114286	Soil	14	34	0.56	148	0.091	<1	2.25	0.009	0.08	0.1	0.02	3.7	0.1	<0.05	6	<0.5	<0.2
1127526	Soil	32	31	0.49	200	0.058	<1	1.65	0.011	0.07	0.1	0.02	4.8	<0.1	<0.05	5	<0.5	<0.2
1113141	Soil	11	26	0.41	109	0.067	1	1.73	0.008	0.12	0.2	0.02	2.9	0.2	<0.05	6	<0.5	<0.2
1113138	Soil	13	28	0.43	163	0.071	<1	1.48	0.011	0.06	0.1	0.02	3.1	0.1	<0.05	4	<0.5	<0.2
1115905	Soil	31	47	0.75	228	0.101	<1	2.33	0.014	0.08	0.3	0.03	5.1	0.1	<0.05	7	<0.5	<0.2
1115217	Soil	30	33	0.57	218	0.136	<1	2.00	0.013	0.15	0.2	0.03	4.3	0.2	<0.05	7	<0.5	<0.2
1114320	Soil	32	42	0.52	112	0.071	<1	1.62	0.011	0.09	0.1	0.02	3.2	<0.1	<0.05	5	<0.5	<0.2
1117150	Soil	18	70	2.64	540	0.297	<1	4.62	0.010	1.11	0.2	0.01	15.9	0.6	<0.05	19	<0.5	<0.2
1115226	Soil	30	44	0.85	303	0.133	<1	2.33	0.018	0.25	0.2	0.03	7.3	0.2	<0.05	8	<0.5	<0.2
1114287	Soil	13	35	0.57	145	0.095	<1	2.31	0.010	0.08	0.1	0.03	3.7	0.1	<0.05	6	<0.5	<0.2
1115218	Soil	36	38	0.75	252	0.133	2	1.77	0.017	0.27	0.2	0.02	4.1	0.3	<0.05	7	0.8	<0.2
1113132	Soil	10	25	0.37	135	0.035	2	1.51	0.009	0.04	0.1	0.04	1.9	0.1	<0.05	4	<0.5	<0.2
1113131	Soil	12	30	0.48	219	0.041	1	1.85	0.011	0.05	0.2	0.04	3.3	0.1	<0.05	5	<0.5	<0.2
1113158	Soil	11	37	0.45	192	0.049	2	1.82	0.012	0.10	0.1	0.04	3.8	0.3	<0.05	6	<0.5	<0.2
1113157	Soil	12	28	0.50	153	0.075	2	1.88	0.011	0.09	0.1	0.03	2.9	0.2	<0.05	6	<0.5	<0.2
1114663	Soil	15	33	0.45	270	0.078	1	1.81	0.015	0.05	0.1	0.05	4.5	<0.1	<0.05	6	<0.5	<0.2
1113140	Soil	12	32	0.50	166	0.061	2	1.99	0.009	0.08	0.2	0.03	3.4	0.2	<0.05	6	<0.5	<0.2
1113154	Soil	14	34	0.55	170	0.078	<1	2.20	0.009	0.10	0.2	0.03	3.6	0.2	<0.05	7	0.5	<0.2
1114655	Soil	22	100	1.42	303	0.148	<1	2.73	0.046	0.05	<0.1	<0.01	7.9	<0.1	<0.05	15	<0.5	<0.2
1114652	Soil	43	29	0.81	185	0.201	<1	2.36	0.017	0.35	0.3	<0.01	4.3	0.1	<0.05	14	<0.5	<0.2
1114650	Soil	24	12	0.85	127	0.117	<1	2.03	0.007	0.51	<0.1	<0.01	5.1	0.2	<0.05	16	<0.5	<0.2
1114649	Soil	17	38	1.54	273	0.185	1	2.40	0.020	0.49	0.2	0.01	4.8	0.2	<0.05	13	<0.5	<0.2
1115353	Soil	43	47	1.29	293	0.296	1	3.81	0.020	0.64	0.6	0.02	8.6	0.7	<0.05	16	0.6	<0.2
1114949	Soil	12	19	0.52	208	0.121	1	2.02	0.015	0.17	0.2	0.02	2.8	0.2	<0.05	8	<0.5	<0.2
1114661	Soil	18	35	0.49	292	0.072	<1	1.87	0.017	0.06	0.1	0.04	4.6	<0.1	<0.05	6	0.6	<0.2
1115351	Soil	9	39	0.57	154	0.142	2	1.93	0.013	0.17	0.7	0.02	2.5	0.2	<0.05	10	<0.5	<0.2
1115225	Soil	27	106	1.90	250	0.198	<1	3.69	0.017	0.79	0.2	0.02	12.2	0.7	<0.05	13	0.6	<0.2
1113162	Soil	17	32	0.59	173	0.101	2	1.82	0.010	0.16	0.1	0.03	3.4	0.3	<0.05	7	<0.5	<0.2

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Vancouver BC V6C 1H2 Canada

Project: ECH
Report Date: August 14, 2011

CERTIFICATE OF ANALYSIS DAW11000096.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1115252	Soil	1.6	14.0	10.2	49	<0.1	24.4	13.4	371	4.22	9.4	0.5	1.9	3.4	14	0.1	0.5	0.2	100	0.14	0.031
1113155	Soil	0.6	14.7	10.1	46	<0.1	15.7	8.8	366	2.34	4.8	1.6	4.1	3.6	15	0.2	0.3	0.3	50	0.21	0.050
1113142	Soil	0.8	15.9	17.7	53	<0.1	16.4	6.8	339	2.32	6.2	5.2	2.9	2.7	16	0.2	0.4	0.8	52	0.21	0.059
1113146	Soil	0.5	10.0	17.5	50	<0.1	11.2	4.4	212	1.95	4.2	5.6	2.8	6.6	22	<0.1	0.4	0.7	40	0.17	0.036
1115255	Soil	1.3	14.5	12.5	47	<0.1	11.7	6.6	380	2.26	5.0	1.0	0.5	1.5	11	0.1	0.3	0.2	53	0.12	0.056
1113152	Soil	0.8	14.8	10.3	66	<0.1	30.4	19.7	574	4.35	5.4	2.1	<0.5	6.9	23	0.2	0.3	0.3	84	0.38	0.070
1115251	Soil	1.3	17.2	12.7	49	<0.1	24.2	12.1	327	3.44	9.3	0.7	1.3	6.5	14	0.2	0.6	0.2	78	0.16	0.035
1115264	Soil	0.8	25.3	11.1	63	<0.1	23.3	10.8	287	2.98	7.9	1.4	2.5	3.6	22	<0.1	0.4	0.2	69	0.29	0.062
1115258	Soil	0.8	11.4	11.4	19	<0.1	4.9	1.9	70	1.12	2.5	0.6	<0.5	0.2	10	0.1	0.1	0.1	29	0.06	0.051
1114651	Soil	0.3	8.9	4.1	58	<0.1	32.1	23.1	397	5.29	2.8	1.0	<0.5	7.8	22	0.1	0.1	<0.1	123	0.63	0.126
1115352	Soil	0.3	39.7	7.6	101	<0.1	24.8	23.8	754	7.08	3.1	5.3	2.9	12.4	30	<0.1	0.2	0.3	160	0.86	0.198
1115254	Soil	1.1	15.7	12.0	26	<0.1	6.7	3.3	98	1.87	2.8	1.0	1.0	1.4	7	<0.1	0.2	0.2	53	0.04	0.034
1114658	Soil	0.4	21.4	6.1	93	<0.1	16.7	14.6	409	5.60	2.7	3.1	0.5	11.5	37	0.1	0.2	0.2	136	0.57	0.149
1115271	Soil	1.0	12.9	10.4	116	<0.1	19.3	15.6	686	4.15	4.6	0.6	1.5	5.1	14	0.1	0.3	0.3	99	0.22	0.085
1115259	Soil	1.0	21.5	12.0	48	<0.1	23.1	11.1	274	3.73	10.6	0.6	1.9	4.3	13	0.2	0.6	0.2	79	0.12	0.030
1115276	Soil	0.8	30.9	11.4	44	<0.1	43.2	18.0	351	3.27	3.4	0.5	0.6	4.3	12	0.2	0.2	0.1	77	0.20	0.041
1114950	Soil	1.1	41.0	13.0	71	<0.1	21.7	20.0	511	5.04	6.9	1.0	<0.5	6.3	14	0.2	0.4	0.3	149	0.37	0.129
1114317	Soil	0.8	19.8	12.6	58	<0.1	20.9	9.8	264	2.81	5.8	1.1	2.3	6.4	19	0.1	0.4	0.2	61	0.23	0.055
1115257	Soil	1.4	20.7	15.3	80	<0.1	33.6	14.4	487	3.97	9.5	0.9	2.1	7.9	12	0.1	0.5	0.2	73	0.13	0.044
1114648	Soil	0.5	10.4	4.9	68	<0.1	21.3	14.0	546	3.66	2.4	1.0	<0.5	18.7	8	0.2	0.1	0.2	54	0.13	0.049
1114656	Soil	0.3	22.6	4.3	90	<0.1	26.1	33.8	876	6.22	1.8	1.7	<0.5	5.9	28	<0.1	0.1	<0.1	128	0.72	0.152
1115274	Soil	0.8	14.8	11.5	58	<0.1	20.3	13.2	384	3.94	6.7	1.3	0.9	13.2	15	<0.1	0.3	0.2	72	0.20	0.056
1115268	Soil	0.9	21.3	9.7	76	<0.1	23.6	12.7	358	4.15	6.5	0.8	1.0	8.3	11	<0.1	0.4	0.2	80	0.15	0.038
1115267	Soil	0.3	2.9	3.4	9	<0.1	2.3	1.2	33	0.63	1.2	0.2	<0.5	<0.1	8	<0.1	<0.1	<0.1	19	0.07	0.021
1115272	Soil	0.6	10.1	9.1	24	<0.1	7.3	3.6	113	1.88	5.0	0.4	1.1	2.5	8	<0.1	0.3	0.2	44	0.06	0.029
1114948	Soil	0.7	15.5	9.0	35	<0.1	28.0	12.2	338	3.30	3.9	0.6	<0.5	5.3	10	0.1	0.2	0.4	74	0.17	0.043
1115270	Soil	0.9	15.6	8.0	56	<0.1	12.7	7.9	412	3.27	5.5	0.8	0.9	3.7	8	0.1	0.3	0.2	65	0.09	0.051
1115277	Soil	1.0	15.6	8.8	35	<0.1	16.8	7.6	183	2.62	6.7	0.7	<0.5	4.5	11	<0.1	0.3	0.2	59	0.12	0.034
1115266	Soil	1.0	11.3	9.7	26	<0.1	7.6	3.7	147	2.14	5.3	0.6	1.9	1.5	11	0.1	0.3	0.2	54	0.09	0.032
1115269	Soil	1.1	23.5	11.2	85	<0.1	25.1	11.7	382	3.51	9.6	0.6	1.3	8.4	13	0.2	0.5	0.3	77	0.14	0.041

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1115252	Soil		8	54	0.78	117	0.175	2	2.45	0.012	0.16	0.2	0.02	2.8	0.2	<0.05	11	0.7	<0.2
1113155	Soil		13	27	0.48	180	0.099	1	1.59	0.011	0.14	0.1	0.03	3.2	0.2	<0.05	6	<0.5	<0.2
1113142	Soil		12	30	0.40	155	0.057	1	1.76	0.008	0.08	0.2	0.03	3.0	0.2	<0.05	6	<0.5	<0.2
1113146	Soil		17	23	0.39	139	0.047	1	1.35	0.008	0.07	<0.1	0.02	2.8	0.3	<0.05	5	<0.5	<0.2
1115255	Soil		18	22	0.28	73	0.041	<1	1.24	0.008	0.09	0.2	0.03	1.2	<0.1	<0.05	7	<0.5	<0.2
1113152	Soil		16	42	1.11	283	0.131	1	2.83	0.010	0.39	0.1	0.02	5.6	0.5	<0.05	10	<0.5	<0.2
1115251	Soil		12	40	0.61	163	0.110	2	2.43	0.010	0.17	0.2	0.02	3.5	0.2	<0.05	9	<0.5	<0.2
1115264	Soil		18	36	0.60	212	0.083	1	2.07	0.010	0.09	0.1	0.03	3.9	0.2	<0.05	7	<0.5	<0.2
1115258	Soil		7	11	0.06	80	0.022	1	0.70	0.010	0.04	<0.1	0.03	0.5	<0.1	<0.05	4	<0.5	<0.2
1114651	Soil		10	151	1.64	159	0.269	<1	3.18	0.028	0.11	0.2	<0.01	6.0	<0.1	<0.05	15	<0.5	<0.2
1115352	Soil		55	45	1.47	441	0.181	1	3.49	0.019	0.89	0.6	0.03	12.5	0.9	<0.05	17	0.8	<0.2
1115254	Soil		17	16	0.15	48	0.056	<1	1.04	0.008	0.08	0.2	0.02	1.3	0.2	<0.05	9	<0.5	<0.2
1114658	Soil		35	35	0.95	210	0.095	<1	2.54	0.016	0.43	0.2	0.01	7.8	<0.1	<0.05	15	<0.5	<0.2
1115271	Soil		11	39	1.02	158	0.176	<1	2.55	0.009	0.49	0.2	0.02	3.1	0.5	<0.05	13	<0.5	<0.2
1115259	Soil		9	41	0.58	127	0.081	2	2.71	0.009	0.06	0.2	0.04	3.1	0.1	<0.05	8	<0.5	<0.2
1115276	Soil		10	98	1.59	110	0.133	<1	2.67	0.011	0.15	0.2	0.02	4.1	0.1	<0.05	10	<0.5	<0.2
1114950	Soil		8	32	0.93	426	0.233	1	2.82	0.020	0.49	2.1	0.01	5.3	0.5	<0.05	12	<0.5	<0.2
1114317	Soil		21	35	0.65	148	0.092	<1	2.14	0.010	0.09	0.2	0.02	3.3	0.2	<0.05	8	<0.5	<0.2
1115257	Soil		15	58	0.77	110	0.049	2	2.92	0.008	0.08	0.3	0.05	3.9	0.1	<0.05	8	1.0	<0.2
1114648	Soil		47	35	0.82	122	0.042	1	1.94	0.006	0.19	<0.1	<0.01	3.9	0.1	<0.05	12	<0.5	<0.2
1114656	Soil		15	64	1.45	186	0.171	<1	3.31	0.025	0.35	0.2	<0.01	7.2	0.1	<0.05	15	<0.5	<0.2
1115274	Soil		28	39	0.91	278	0.114	2	2.78	0.011	0.29	0.2	0.02	6.8	0.3	<0.05	9	<0.5	<0.2
1115268	Soil		18	39	0.90	177	0.119	<1	2.98	0.009	0.33	0.1	0.01	5.7	0.4	<0.05	11	0.6	<0.2
1115267	Soil		3	6	0.05	49	0.016	<1	0.41	0.014	0.02	<0.1	0.02	0.2	<0.1	<0.05	3	<0.5	<0.2
1115272	Soil		9	18	0.18	79	0.049	1	1.76	0.010	0.04	<0.1	0.03	1.7	<0.1	<0.05	6	<0.5	<0.2
1114948	Soil		16	51	0.82	125	0.074	<1	2.08	0.009	0.14	0.2	<0.01	5.3	0.2	<0.05	9	<0.5	<0.2
1115270	Soil		11	23	0.60	146	0.119	<1	1.98	0.011	0.24	0.2	0.02	2.8	0.2	<0.05	9	<0.5	<0.2
1115277	Soil		13	29	0.41	169	0.070	<1	1.94	0.011	0.08	0.1	0.03	3.0	0.2	<0.05	7	<0.5	<0.2
1115266	Soil		13	20	0.18	118	0.049	1	1.52	0.008	0.04	0.1	0.04	2.0	0.1	<0.05	7	<0.5	<0.2
1115269	Soil		12	36	0.62	179	0.096	2	2.81	0.009	0.10	0.1	0.02	3.6	0.2	<0.05	8	<0.5	<0.2

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Project: ECH
Report Date: August 14, 2011

CERTIFICATE OF ANALYSIS DAW11000096.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1115275	Soil	0.5	6.6	5.8	24	<0.1	4.4	2.1	83	1.24	2.6	0.3	0.8	1.1	7	<0.1	0.2	0.1	39	0.07	0.020
1115273	Soil	0.7	9.1	8.5	27	<0.1	7.2	3.3	132	1.63	3.2	0.6	0.5	0.7	7	<0.1	0.2	0.2	38	0.06	0.043
1114310	Soil	1.0	17.1	11.6	52	<0.1	27.5	11.7	302	3.26	3.8	1.2	0.8	2.7	21	0.2	0.2	0.2	77	0.36	0.069
1114313	Soil	0.8	20.7	9.9	63	<0.1	23.2	10.8	321	3.00	7.5	0.9	2.7	4.8	17	0.1	0.4	0.2	64	0.28	0.080
1113145	Soil	1.0	14.6	16.9	61	<0.1	16.3	6.2	319	3.21	9.3	6.2	2.3	2.4	20	0.3	0.4	0.5	62	0.21	0.049
1114319	Soil	0.5	11.4	8.1	43	<0.1	15.9	10.0	381	2.97	2.4	1.5	0.9	13.9	14	<0.1	0.2	0.2	46	0.30	0.083
1114315	Soil	0.6	20.8	8.8	59	<0.1	19.9	9.3	278	2.62	5.3	1.1	4.6	4.8	18	<0.1	0.3	0.3	54	0.28	0.062
1114314	Soil	0.7	20.0	9.4	61	<0.1	22.0	10.5	333	2.98	6.7	0.9	3.2	5.1	20	0.2	0.4	0.3	62	0.30	0.066
1114308	Soil	1.2	14.6	10.6	42	<0.1	19.0	8.6	233	3.40	6.4	0.6	<0.5	3.8	11	0.2	0.4	0.2	91	0.13	0.023
1114307	Soil	0.7	30.3	8.8	60	<0.1	27.4	10.4	366	2.82	7.2	0.7	2.6	3.1	29	0.1	0.5	0.1	61	0.41	0.078
1114318	Soil	1.0	17.9	11.6	54	<0.1	20.5	10.8	393	3.01	5.9	1.1	4.5	7.9	20	0.1	0.3	0.2	56	0.24	0.055
1114316	Soil	0.6	20.5	9.4	58	<0.1	19.6	8.5	223	2.50	4.7	1.1	3.4	7.4	18	0.1	0.4	0.2	50	0.25	0.070
1117144	Soil	0.9	32.1	10.3	88	<0.1	31.7	15.0	377	3.08	10.3	0.7	3.7	8.0	20	0.2	0.6	0.2	67	0.19	0.050
1114309	Soil	0.7	13.8	116.6	115	<0.1	12.3	5.1	159	2.31	5.2	0.6	1.3	1.8	13	0.5	0.3	0.3	51	0.13	0.038
1113150	Soil	0.8	16.5	12.5	61	<0.1	25.8	13.0	459	3.46	8.6	2.4	2.0	4.7	16	0.4	0.4	0.4	58	0.20	0.055
1113144	Soil	0.5	14.5	18.4	53	<0.1	13.2	5.9	310	2.09	1.7	8.9	0.9	6.9	18	0.2	0.3	0.6	39	0.25	0.055
1127525	Soil	0.5	13.6	18.5	52	<0.1	12.2	5.7	299	2.03	2.0	8.7	2.1	6.9	18	0.1	0.3	0.7	35	0.22	0.054
1127508	Soil	0.6	14.2	18.5	53	<0.1	12.5	5.8	307	2.08	1.6	8.5	2.7	7.0	19	0.1	0.3	0.7	38	0.23	0.056

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Project: ECH
Report Date: August 14, 2011

CERTIFICATE OF ANALYSIS DAW11000096.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1115275	Soil	8	9	0.15	56	0.082	<1	0.60	0.015	0.06	<0.1	0.01	1.0	<0.1	<0.05	6	<0.5	<0.2
1115273	Soil	14	14	0.23	57	0.039	<1	1.03	0.012	0.07	<0.1	0.02	1.0	<0.1	<0.05	6	<0.5	<0.2
1114310	Soil	15	65	0.87	133	0.160	1	1.82	0.013	0.29	0.2	0.03	3.7	0.3	<0.05	10	<0.5	<0.2
1114313	Soil	19	38	0.64	158	0.108	1	2.12	0.014	0.17	0.1	0.03	3.6	0.2	<0.05	7	<0.5	<0.2
1113145	Soil	12	28	0.37	180	0.048	2	2.22	0.009	0.06	0.1	0.03	3.4	0.2	<0.05	7	0.5	<0.2
1114319	Soil	45	24	0.55	116	0.083	<1	1.45	0.008	0.20	0.2	0.02	3.5	0.2	<0.05	5	<0.5	<0.2
1114315	Soil	20	33	0.69	144	0.109	<1	1.79	0.010	0.13	0.2	0.03	3.6	0.2	<0.05	6	<0.5	<0.2
1114314	Soil	18	37	0.76	171	0.117	2	2.08	0.013	0.18	0.2	0.04	3.7	0.3	<0.05	7	<0.5	<0.2
1114308	Soil	11	35	0.56	130	0.160	<1	1.93	0.010	0.14	0.2	0.02	3.1	0.2	<0.05	10	<0.5	<0.2
1114307	Soil	14	36	0.66	262	0.095	1	1.68	0.018	0.10	0.2	0.02	4.1	0.1	<0.05	5	<0.5	<0.2
1114318	Soil	27	36	0.58	173	0.057	1	1.75	0.011	0.08	0.1	0.02	3.6	<0.1	0.11	6	0.7	<0.2
1114316	Soil	24	29	0.60	128	0.094	1	1.60	0.009	0.09	0.2	0.01	3.2	0.2	0.08	6	0.5	<0.2
1117144	Soil	13	39	0.62	271	0.079	2	2.65	0.013	0.07	0.2	0.03	4.0	0.1	<0.05	6	<0.5	<0.2
1114309	Soil	12	21	0.45	97	0.067	2	1.31	0.011	0.09	0.2	0.01	1.6	0.1	<0.05	7	<0.5	<0.2
1113150	Soil	12	42	0.64	161	0.084	2	2.49	0.009	0.16	0.2	0.02	4.0	0.2	<0.05	7	<0.5	<0.2
1113144	Soil	17	23	0.34	135	0.057	1	1.13	0.008	0.12	0.1	<0.01	3.7	0.2	<0.05	4	<0.5	<0.2
1127525	Soil	17	21	0.31	138	0.052	2	1.04	0.012	0.11	0.1	0.02	3.5	0.2	<0.05	4	<0.5	<0.2
1127508	Soil	17	22	0.34	138	0.056	1	1.07	0.008	0.11	0.1	<0.01	3.6	0.2	<0.05	4	<0.5	<0.2

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Project: ECH
Report Date: August 14, 2011

QUALITY CONTROL REPORT DAW11000096.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1114296	Soil	0.7	22.7	10.3	71	0.1	20.6	9.7	298	3.05	5.8	1.2	2.1	6.9	22	0.1	0.4	0.3	59	0.36	0.060
REP 1114296	QC	0.6	21.8	10.3	70	0.1	20.7	9.8	299	3.05	5.7	1.2	2.3	6.9	22	0.2	0.4	0.3	60	0.35	0.058
1115208	Soil	0.9	18.1	9.9	55	<0.1	17.1	7.4	204	2.57	6.7	1.1	2.8	8.9	20	<0.1	0.4	0.2	57	0.26	0.051
REP 1115208	QC	1.0	17.9	10.0	54	<0.1	17.0	7.4	207	2.61	6.8	1.2	2.2	9.3	20	0.1	0.4	0.2	58	0.27	0.052
1115227	Soil	0.5	25.8	9.7	53	<0.1	21.8	10.7	262	2.79	4.9	2.2	4.6	15.8	22	<0.1	0.3	0.2	66	0.37	0.037
REP 1115227	QC	0.6	25.9	9.7	56	<0.1	21.8	10.7	295	3.00	5.5	2.3	<0.5	16.1	23	<0.1	0.3	0.2	67	0.37	0.040
1114285	Soil	0.6	22.3	12.2	65	<0.1	20.8	11.7	361	3.20	4.2	1.2	0.5	8.8	14	<0.1	0.3	0.2	63	0.24	0.046
REP 1114285	QC	0.7	23.5	13.0	67	<0.1	22.2	12.2	333	3.24	4.6	1.3	2.4	9.2	14	<0.1	0.3	0.3	62	0.25	0.053
1114274	Soil	0.6	20.0	10.3	64	0.1	19.5	8.6	307	2.58	6.5	2.0	4.3	4.6	19	0.2	0.4	0.4	56	0.27	0.068
REP 1114274	QC	0.6	19.8	10.2	66	<0.1	19.2	8.2	281	2.51	6.5	1.9	1.8	4.5	18	<0.1	0.4	0.4	56	0.28	0.063
1115923	Soil	1.3	24.1	19.2	51	<0.1	23.7	11.3	314	3.57	4.9	1.3	1.5	12.9	16	0.1	0.3	0.2	68	0.23	0.049
REP 1115923	QC	1.3	25.0	18.7	52	<0.1	24.3	11.2	315	3.66	4.8	1.2	0.7	12.6	16	0.1	0.3	0.2	65	0.23	0.051
1115916	Soil	0.8	29.6	11.4	61	<0.1	18.8	11.0	325	3.42	4.7	1.0	2.1	2.9	12	<0.1	0.2	0.2	81	0.13	0.045
REP 1115916	QC	0.8	28.6	11.0	60	<0.1	17.9	10.6	309	3.26	4.5	1.0	1.2	2.8	11	<0.1	0.3	0.2	78	0.12	0.041
1127511	Soil	1.1	29.7	26.1	57	<0.1	15.5	9.0	590	3.38	8.4	0.8	<0.5	4.6	12	0.2	0.4	0.3	72	0.16	0.109
REP 1127511	QC	1.3	30.8	27.4	58	<0.1	15.9	9.5	618	3.48	9.1	0.8	1.5	4.6	13	0.1	0.4	0.3	77	0.17	0.110
1117139	Soil	0.8	37.1	10.5	72	<0.1	40.3	20.9	599	4.30	6.5	2.1	2.2	11.0	23	0.1	0.3	0.4	105	0.50	0.093
REP 1117139	QC	0.8	37.0	10.4	71	<0.1	39.4	20.4	586	4.24	6.1	2.1	2.2	11.0	23	0.1	0.3	0.4	104	0.49	0.091
1114328	Soil	0.6	11.9	17.8	56	<0.1	14.6	8.3	307	2.22	3.1	0.9	<0.5	7.3	13	0.2	0.2	0.1	42	0.18	0.053
REP 1114328	QC	0.6	11.3	17.1	55	<0.1	13.1	8.0	299	2.20	3.3	0.9	<0.5	6.9	13	0.2	0.2	0.1	40	0.19	0.050
1114306	Soil	0.9	29.5	136.8	104	0.1	28.5	14.9	401	3.12	7.2	1.0	2.3	4.6	16	0.3	0.4	0.4	65	0.20	0.030
REP 1114306	QC	0.9	30.1	136.8	107	0.1	27.7	14.8	391	3.09	7.1	1.0	3.8	4.7	17	0.3	0.3	0.3	64	0.20	0.032
1115918	Soil	0.7	32.5	8.7	79	<0.1	39.9	26.5	626	5.20	4.7	1.1	<0.5	11.5	14	0.1	0.2	0.2	138	0.22	0.041
REP 1115918	QC	0.7	33.2	9.5	82	<0.1	40.6	27.2	611	5.22	5.0	1.2	<0.5	11.7	15	0.1	0.2	0.2	133	0.23	0.046
1114647	Soil	0.5	16.5	9.5	55	<0.1	17.2	25.2	1195	4.35	1.1	0.5	<0.5	2.0	9	<0.1	<0.1	<0.1	103	0.66	0.138
REP 1114647	QC	0.5	16.8	9.2	53	<0.1	16.5	24.0	1158	4.12	0.7	0.5	1.0	2.0	8	<0.1	<0.1	<0.1	98	0.60	0.135
1114636	Soil	0.5	17.0	4.6	91	<0.1	14.4	25.7	745	7.64	2.5	0.6	0.9	3.5	15	<0.1	0.1	0.1	184	0.34	0.091
REP 1114636	QC	0.5	16.1	4.7	86	<0.1	14.2	24.4	738	7.57	2.1	0.5	1.2	3.6	15	<0.1	0.1	0.1	191	0.33	0.096

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

Project: ECH
Report Date: August 14, 2011

QUALITY CONTROL REPORT DAW11000096.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1114296	Soil	19	36	0.62	191	0.085	<1	1.86	0.011	0.08	0.1	0.04	5.2	0.1	<0.05	7	<0.5	<0.2
REP 1114296	QC	19	35	0.62	190	0.083	<1	1.84	0.010	0.08	0.1	0.05	5.1	0.2	<0.05	7	<0.5	<0.2
1115208	Soil	20	31	0.49	171	0.090	<1	1.75	0.012	0.06	0.1	0.03	3.6	<0.1	<0.05	6	<0.5	<0.2
REP 1115208	QC	21	31	0.51	173	0.089	<1	1.79	0.012	0.06	0.2	0.03	3.6	0.1	<0.05	6	<0.5	<0.2
1115227	Soil	28	37	0.56	249	0.111	<1	1.87	0.019	0.12	0.3	0.02	5.0	0.2	<0.05	7	0.6	<0.2
REP 1115227	QC	28	38	0.58	247	0.121	<1	1.89	0.019	0.13	0.3	0.01	5.2	0.1	<0.05	7	0.7	<0.2
1114285	Soil	25	36	0.61	142	0.120	<1	2.06	0.012	0.17	0.1	0.02	4.0	0.2	<0.05	7	<0.5	<0.2
REP 1114285	QC	26	35	0.65	149	0.124	<1	2.21	0.011	0.18	0.1	<0.01	4.0	0.3	<0.05	8	0.7	<0.2
1114274	Soil	15	32	0.54	232	0.078	1	1.92	0.009	0.08	0.1	0.04	4.2	0.2	<0.05	6	<0.5	<0.2
REP 1114274	QC	15	31	0.53	232	0.078	2	1.77	0.009	0.08	0.1	0.03	4.2	0.2	<0.05	6	<0.5	<0.2
1115923	Soil	59	38	0.53	220	0.028	<1	2.38	0.009	0.06	0.2	0.03	5.3	<0.1	<0.05	7	<0.5	<0.2
REP 1115923	QC	54	36	0.53	211	0.024	<1	2.35	0.008	0.06	0.1	0.03	5.0	<0.1	<0.05	8	<0.5	<0.2
1115916	Soil	15	33	0.77	116	0.142	2	2.09	0.013	0.27	0.2	0.03	3.7	0.2	<0.05	9	<0.5	<0.2
REP 1115916	QC	14	32	0.72	111	0.136	1	1.92	0.011	0.26	0.2	0.02	3.5	0.2	<0.05	9	<0.5	<0.2
1127511	Soil	24	32	0.49	100	0.050	1	1.59	0.009	0.05	0.3	0.02	2.5	<0.1	<0.05	8	<0.5	<0.2
REP 1127511	QC	26	34	0.50	107	0.054	1	1.73	0.010	0.06	0.3	0.03	2.6	<0.1	<0.05	9	0.6	<0.2
1117139	Soil	32	73	1.29	201	0.163	2	2.70	0.021	0.29	0.2	0.03	8.6	0.3	<0.05	10	<0.5	<0.2
REP 1117139	QC	31	72	1.26	202	0.161	2	2.66	0.020	0.29	0.2	0.03	8.6	0.3	<0.05	10	0.5	<0.2
1114328	Soil	21	21	0.47	95	0.093	<1	1.48	0.013	0.17	0.2	0.03	2.2	0.2	<0.05	6	<0.5	<0.2
REP 1114328	QC	21	22	0.46	93	0.090	<1	1.42	0.014	0.16	0.2	0.02	2.2	0.2	<0.05	6	0.6	<0.2
1114306	Soil	12	51	0.86	192	0.126	2	2.18	0.011	0.20	0.7	0.02	4.6	0.2	<0.05	6	<0.5	<0.2
REP 1114306	QC	12	50	0.86	185	0.133	2	2.28	0.011	0.20	0.8	0.02	4.7	0.2	<0.05	6	0.7	<0.2
1115918	Soil	31	97	1.92	203	0.307	<1	3.82	0.010	0.60	1.0	<0.01	7.5	0.5	<0.05	13	0.6	<0.2
REP 1115918	QC	32	96	1.93	205	0.313	<1	3.94	0.011	0.60	1.0	0.02	7.6	0.5	<0.05	13	0.7	<0.2
1114647	Soil	5	62	1.12	82	0.180	<1	2.11	0.057	0.21	0.2	0.01	7.0	<0.1	<0.05	10	<0.5	<0.2
REP 1114647	QC	5	61	1.13	82	0.167	<1	2.10	0.051	0.21	0.2	0.01	6.8	<0.1	<0.05	10	<0.5	<0.2
1114636	Soil	8	33	2.17	285	0.533	<1	3.63	0.016	0.98	0.2	<0.01	6.5	0.7	<0.05	18	<0.5	<0.2
REP 1114636	QC	8	33	2.09	279	0.530	<1	3.58	0.017	0.95	0.2	0.01	6.4	0.7	<0.05	17	0.5	<0.2

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Vancouver BC V6C 1H2 Canada

Project: ECH
Report Date: August 14, 2011

QUALITY CONTROL REPORT DAW11000096.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1114661	Soil	0.8	27.7	11.8	58	0.1	21.6	9.6	281	2.88	6.9	2.1	1.8	5.3	38	0.2	0.6	0.2	67	0.53	0.064
REP 1114661	QC	0.8	28.1	11.9	60	0.1	21.9	9.5	269	2.81	7.5	2.0	2.4	5.3	39	0.2	0.6	0.2	66	0.55	0.059
1115264	Soil	0.8	25.3	11.1	63	<0.1	23.3	10.8	287	2.98	7.9	1.4	2.5	3.6	22	<0.1	0.4	0.2	69	0.29	0.062
REP 1115264	QC	0.8	25.5	11.6	61	<0.1	23.3	11.0	286	3.08	8.1	1.5	3.3	3.6	23	0.1	0.4	0.2	67	0.29	0.070
1114315	Soil	0.6	20.8	8.8	59	<0.1	19.9	9.3	278	2.62	5.3	1.1	4.6	4.8	18	<0.1	0.3	0.3	54	0.28	0.062
REP 1114315	QC	0.5	20.7	8.5	59	<0.1	19.0	9.5	283	2.67	5.1	1.1	3.8	4.8	18	0.1	0.3	0.3	54	0.28	0.062
Reference Materials																					
STD DS8	Standard	13.5	107.7	123.2	314	1.7	36.1	7.4	605	2.42	27.8	2.7	134.2	6.8	60	2.4	4.8	5.4	42	0.71	0.075
STD DS8	Standard	11.7	109.3	121.5	317	1.8	37.3	7.5	576	2.40	26.2	2.6	114.3	6.1	59	2.1	5.4	6.8	42	0.63	0.074
STD DS8	Standard	13.0	107.2	105.6	302	1.8	37.2	7.6	589	2.51	27.3	2.5	108.4	5.8	58	2.3	5.2	5.9	46	0.67	0.078
STD DS8	Standard	12.4	100.5	111.0	284	1.6	36.7	6.9	585	2.27	23.4	2.5	117.5	6.1	64	2.1	5.2	6.1	38	0.65	0.072
STD DS8	Standard	12.5	104.2	114.8	292	1.7	37.3	7.5	582	2.32	25.4	2.6	118.4	6.4	62	2.4	5.1	6.5	42	0.66	0.078
STD DS8	Standard	14.5	111.1	126.4	327	1.9	38.6	7.8	651	2.52	29.1	2.9	114.9	6.7	64	2.6	6.4	6.7	48	0.66	0.086
STD DS8	Standard	13.1	101.9	111.2	291	1.8	35.8	7.2	615	2.33	24.6	2.5	105.4	6.4	59	2.4	5.4	6.3	40	0.66	0.079
STD DS8	Standard	12.4	101.6	108.5	282	1.6	35.1	6.9	559	2.21	23.3	2.5	98.8	6.0	61	1.9	4.9	6.0	38	0.62	0.072
STD DS8	Standard	13.0	109.4	110.1	304	1.8	37.8	7.4	628	2.47	26.1	2.5	109.1	6.0	62	2.4	5.1	6.1	43	0.67	0.076
STD DS8	Standard	13.2	122.4	137.5	327	1.8	39.7	7.9	627	2.60	27.1	2.8	132.6	6.9	65	2.4	5.7	7.3	45	0.70	0.092
STD DS8	Standard	14.3	110.2	127.9	314	1.8	38.0	7.6	631	2.49	26.6	2.9	114.7	7.5	72	2.2	6.3	6.9	44	0.74	0.079
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Vancouver BC V6C 1H2 Canada

Project: ECH
Report Date: August 14, 2011

QUALITY CONTROL REPORT DAW11000096.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1114661	Soil	18	35	0.49	292	0.072	<1	1.87	0.017	0.06	0.1	0.04	4.6	<0.1	<0.05	6	0.6	<0.2
REP 1114661	QC	18	34	0.47	291	0.083	1	1.89	0.017	0.06	0.2	0.05	5.1	<0.1	<0.05	7	<0.5	<0.2
1115264	Soil	18	36	0.60	212	0.083	1	2.07	0.010	0.09	0.1	0.03	3.9	0.2	<0.05	7	<0.5	<0.2
REP 1115264	QC	17	36	0.64	222	0.082	2	2.22	0.011	0.09	0.2	0.03	3.9	0.2	<0.05	7	<0.5	<0.2
1114315	Soil	20	33	0.69	144	0.109	<1	1.79	0.010	0.13	0.2	0.03	3.6	0.2	<0.05	6	<0.5	<0.2
REP 1114315	QC	20	32	0.69	146	0.106	1	1.79	0.011	0.13	0.2	0.03	3.7	0.2	<0.05	6	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	15	115	0.55	276	0.118	1	0.88	0.076	0.41	3.0	0.24	2.0	5.3	0.18	5	5.7	5.0
STD DS8	Standard	11	114	0.57	237	0.104	2	0.82	0.075	0.39	2.9	0.21	2.2	5.6	0.16	5	5.5	5.1
STD DS8	Standard	13	118	0.62	275	0.109	2	0.92	0.084	0.41	3.1	0.21	2.2	5.4	0.19	5	5.8	5.0
STD DS8	Standard	14	112	0.54	264	0.108	3	0.84	0.085	0.39	2.9	0.19	2.0	4.8	0.17	4	5.0	4.6
STD DS8	Standard	13	114	0.59	274	0.106	3	0.88	0.093	0.42	2.9	0.20	2.1	4.8	0.15	4	4.8	4.9
STD DS8	Standard	13	126	0.62	280	0.114	3	0.90	0.089	0.43	3.1	0.22	2.1	5.3	0.19	5	6.2	5.1
STD DS8	Standard	15	117	0.59	266	0.114	2	0.85	0.081	0.39	2.9	0.20	2.1	5.1	0.18	5	5.2	5.2
STD DS8	Standard	12	107	0.56	261	0.104	3	0.83	0.086	0.40	2.9	0.19	1.9	5.1	0.15	4	4.8	4.9
STD DS8	Standard	14	115	0.62	280	0.111	3	0.90	0.093	0.42	3.1	0.19	2.3	5.5	0.15	5	5.3	6.0
STD DS8	Standard	13	125	0.64	268	0.120	3	0.93	0.082	0.43	3.1	0.20	2.2	5.7	0.17	5	5.5	5.4
STD DS8	Standard	17	123	0.61	292	0.135	3	0.95	0.103	0.43	3.0	0.20	2.7	5.2	0.15	5	5.0	4.9
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Project: ECH
Report Date: August 14, 2011

QUALITY CONTROL REPORT DAW11000096.1

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

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

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

Project: ECH
Report Date: August 14, 2011

QUALITY CONTROL REPORT DAW11000096.1

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

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

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: July 28, 2011
Report Date: August 14, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS DAW11000103.1

CLIENT JOB INFORMATION

Project: ECH
Shipment ID: ECH2011-16
P.O. Number
Number of Samples: 325

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	325	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	325	Dry at 60C			WHI
1DX2	325	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Project: ECH
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CERTIFICATE OF ANALYSIS DAW11000103.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1125034	Soil		0.7	25.7	11.3	63	<0.1	28.3	13.8	455	3.70	9.0	1.4	<0.5	9.5	22	0.1	0.4	0.5	68	0.27	0.063
1125027	Soil		1.1	22.7	11.3	67	<0.1	22.9	12.0	497	3.67	7.8	2.1	2.0	16.1	22	<0.1	0.5	0.5	69	0.35	0.067
1125029	Soil		0.8	34.7	6.0	80	<0.1	32.7	28.6	1169	5.39	2.1	1.6	1.8	11.5	17	0.1	0.2	1.2	68	0.53	0.115
1125031	Soil		0.7	21.1	9.3	52	<0.1	22.3	12.2	369	3.22	7.1	1.0	2.9	9.4	19	0.2	0.4	0.4	60	0.27	0.075
1125030	Soil		0.7	20.0	10.4	49	<0.1	21.5	13.5	496	3.16	5.2	1.6	<0.5	12.5	19	0.1	0.4	0.5	53	0.32	0.097
1125028	Soil		0.9	16.1	9.4	46	<0.1	15.1	9.5	321	2.85	5.0	1.3	<0.5	7.6	16	<0.1	0.3	0.5	53	0.23	0.068
1125026	Soil		1.5	16.5	8.9	69	<0.1	28.0	18.0	564	5.06	4.7	1.6	1.4	14.6	17	0.2	0.4	1.0	84	0.20	0.060
1125025	Soil		1.0	19.6	8.8	70	<0.1	27.4	14.9	467	3.84	3.6	2.1	<0.5	18.4	18	0.1	0.4	0.8	75	0.29	0.077
1125024	Soil		0.7	14.2	7.3	43	<0.1	14.1	7.3	266	2.75	3.7	1.3	<0.5	2.7	15	<0.1	0.2	0.5	52	0.17	0.049
1125022	Soil		0.7	18.3	11.1	73	<0.1	21.3	14.5	544	4.09	3.7	1.9	1.5	13.3	17	<0.1	0.3	0.9	67	0.30	0.098
1125021	Soil		0.8	19.3	10.9	74	<0.1	21.9	14.7	523	4.51	4.6	2.0	1.7	14.5	18	<0.1	0.3	0.9	73	0.31	0.095
1125023	Soil		0.8	16.4	12.2	62	<0.1	23.0	15.6	565	3.61	6.6	1.3	<0.5	12.1	16	<0.1	0.4	0.7	66	0.23	0.080
1125016	Soil		1.5	18.7	13.3	55	<0.1	16.8	9.2	303	3.81	5.3	1.6	<0.5	14.6	16	<0.1	0.4	1.2	80	0.18	0.037
1125032	Soil		0.8	25.4	10.2	50	0.1	21.7	10.9	425	3.17	5.7	2.2	0.7	9.8	23	<0.1	0.4	0.5	60	0.41	0.068
1125012	Soil		1.0	17.5	12.4	60	<0.1	22.0	12.4	470	3.74	6.7	1.5	<0.5	15.3	15	0.2	0.5	0.5	68	0.24	0.059
1125010	Soil		1.2	15.3	26.0	84	0.2	18.4	12.4	596	4.49	7.9	1.4	<0.5	8.1	16	0.2	1.7	1.2	79	0.22	0.067
1125015	Soil		1.7	14.5	11.7	57	<0.1	17.2	9.8	404	4.05	8.4	1.0	6.0	11.6	15	0.2	0.6	0.7	82	0.14	0.034
1125019	Soil		1.3	13.2	13.7	71	<0.1	20.5	10.6	401	4.04	9.7	1.2	1.7	8.6	20	0.2	0.5	0.7	84	0.20	0.047
1125013	Soil		1.1	18.0	11.4	58	<0.1	23.5	11.8	421	4.17	8.0	1.5	<0.5	13.0	16	0.2	0.6	0.7	83	0.21	0.053
1125020	Soil		1.2	11.7	11.6	40	<0.1	13.3	7.2	259	3.48	7.2	0.9	<0.5	5.4	15	<0.1	0.4	0.5	77	0.14	0.042
1125004	Soil		1.0	26.0	13.9	102	<0.1	29.9	13.6	655	3.85	6.8	2.4	5.6	11.1	16	0.2	0.4	0.4	73	0.25	0.078
1125017	Soil		2.0	15.2	21.3	68	<0.1	16.4	11.7	788	3.50	4.5	2.3	2.0	14.7	21	0.2	0.6	0.8	59	0.21	0.068
1125018	Soil		1.3	16.1	9.8	69	<0.1	16.3	19.8	1313	3.93	3.6	1.3	<0.5	13.8	12	0.2	0.4	0.6	73	0.15	0.061
1125011	Soil		0.6	4.3	6.8	12	<0.1	2.1	1.3	52	0.68	0.6	0.5	3.4	1.0	10	<0.1	0.1	0.3	25	0.05	0.015
1125014	Soil		1.4	19.3	14.2	72	<0.1	23.8	14.1	614	4.55	8.0	1.1	<0.5	11.7	13	0.2	0.6	0.9	87	0.15	0.059
1125003	Soil		1.2	22.6	11.6	75	<0.1	25.9	14.9	519	4.14	4.8	1.9	<0.5	7.1	15	0.1	0.4	0.5	96	0.28	0.080
1125002	Soil		1.0	31.6	15.6	92	0.4	31.9	18.8	1203	4.37	4.9	3.7	<0.5	5.6	24	0.1	0.3	0.7	90	0.39	0.109
1125001	Soil		3.3	47.8	12.5	130	<0.1	29.3	35.2	1629	8.41	2.3	3.3	0.7	7.8	37	0.2	0.3	1.5	183	1.18	0.416
1125006	Soil		0.8	16.3	15.9	72	<0.1	20.5	9.0	276	3.37	6.7	1.1	2.0	4.1	18	0.2	0.6	0.4	70	0.26	0.062
1125009	Soil		1.0	16.8	30.1	71	0.2	16.0	8.0	442	3.14	5.9	1.7	0.9	3.2	18	0.3	2.0	0.5	72	0.25	0.062

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Project: ECH
Report Date: August 14, 2011

CERTIFICATE OF ANALYSIS DAW11000103.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1125034	Soil	30	39	0.67	340	0.054	1	2.22	0.010	0.09	0.1	0.05	6.9	0.1	<0.05	7	<0.5	<0.2
1125027	Soil	48	43	0.67	300	0.090	3	1.84	0.010	0.15	0.2	0.03	7.5	0.2	<0.05	7	0.6	<0.2
1125029	Soil	27	40	1.22	267	0.085	1	1.59	0.017	0.48	0.3	<0.01	6.9	0.5	<0.05	8	<0.5	<0.2
1125031	Soil	22	33	0.70	170	0.067	1	1.89	0.010	0.10	0.2	0.02	4.0	0.1	<0.05	6	<0.5	<0.2
1125030	Soil	36	31	0.58	193	0.069	2	1.54	0.009	0.13	0.1	0.02	4.9	0.2	<0.05	5	<0.5	<0.2
1125028	Soil	36	29	0.55	184	0.058	<1	1.70	0.009	0.13	0.2	0.02	4.0	0.2	<0.05	7	<0.5	<0.2
1125026	Soil	18	53	0.81	154	0.071	1	2.19	0.008	0.22	0.3	0.01	5.7	0.3	<0.05	9	<0.5	<0.2
1125025	Soil	53	51	0.84	220	0.122	2	1.82	0.010	0.33	0.2	0.01	6.3	0.3	<0.05	7	<0.5	<0.2
1125024	Soil	19	30	0.50	214	0.053	<1	1.66	0.026	0.17	0.1	0.05	4.0	0.2	<0.05	7	<0.5	<0.2
1125022	Soil	52	36	1.02	239	0.112	<1	2.09	0.011	0.34	0.2	0.02	6.2	0.4	<0.05	9	<0.5	<0.2
1125021	Soil	61	42	1.01	270	0.121	2	2.18	0.011	0.36	0.2	0.02	6.9	0.4	<0.05	9	<0.5	<0.2
1125023	Soil	22	40	0.75	206	0.084	2	2.44	0.010	0.20	0.1	0.03	4.8	0.2	<0.05	7	<0.5	<0.2
1125016	Soil	39	34	0.50	235	0.071	3	1.92	0.012	0.16	0.3	0.04	5.1	0.9	<0.05	9	<0.5	<0.2
1125032	Soil	42	34	0.61	287	0.050	2	1.91	0.012	0.12	0.1	0.03	6.0	0.1	<0.05	7	<0.5	<0.2
1125012	Soil	29	38	0.64	152	0.094	3	2.14	0.013	0.18	0.1	0.04	5.0	0.2	<0.05	7	<0.5	<0.2
1125010	Soil	18	37	0.43	145	0.032	4	2.08	0.011	0.11	0.1	0.04	5.0	0.3	<0.05	7	<0.5	<0.2
1125015	Soil	19	36	0.52	122	0.084	2	2.04	0.010	0.12	0.2	0.02	4.0	0.2	<0.05	9	<0.5	<0.2
1125019	Soil	22	41	0.66	253	0.066	4	2.71	0.011	0.19	0.2	0.02	5.2	0.5	<0.05	9	<0.5	<0.2
1125013	Soil	31	44	0.64	170	0.079	3	2.59	0.008	0.18	0.1	0.02	6.1	0.2	<0.05	9	0.7	<0.2
1125020	Soil	17	31	0.38	122	0.066	1	2.39	0.008	0.09	0.1	0.05	3.7	0.2	<0.05	8	<0.5	<0.2
1125004	Soil	62	43	0.67	180	0.093	2	2.11	0.011	0.12	0.2	0.05	6.2	0.2	<0.05	7	0.7	<0.2
1125017	Soil	35	28	0.43	234	0.053	2	1.69	0.012	0.14	0.2	0.03	4.4	2.1	<0.05	6	0.6	<0.2
1125018	Soil	25	36	0.50	147	0.070	2	1.98	0.010	0.26	<0.1	0.03	5.7	0.3	<0.05	9	<0.5	<0.2
1125011	Soil	14	7	0.07	91	0.047	<1	0.48	0.017	0.05	<0.1	0.01	0.7	0.2	<0.05	4	<0.5	<0.2
1125014	Soil	17	44	0.69	119	0.110	3	2.60	0.011	0.21	0.2	0.04	5.2	0.2	<0.05	10	1.1	<0.2
1125003	Soil	22	50	0.68	185	0.113	2	2.05	0.013	0.14	0.2	0.02	5.7	0.4	<0.05	8	0.6	<0.2
1125002	Soil	86	51	0.72	453	0.085	3	3.08	0.015	0.24	0.2	0.09	9.7	0.6	0.07	10	1.2	<0.2
1125001	Soil	34	45	1.32	443	0.224	4	3.44	0.027	0.83	0.2	0.03	14.8	1.5	<0.05	14	0.8	<0.2
1125006	Soil	18	37	0.60	153	0.071	1	1.96	0.010	0.09	0.1	0.03	3.7	0.2	<0.05	7	0.6	<0.2
1125009	Soil	29	34	0.34	226	0.017	5	2.05	0.008	0.09	0.1	0.06	5.1	0.4	<0.05	7	0.8	<0.2

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Project: ECH
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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1125005	Soil	0.8	24.3	13.5	91	<0.1	27.5	11.8	345	3.87	5.1	2.3	<0.5	10.6	18	0.2	0.6	0.5	71	0.29	0.074
1125007	Soil	1.0	16.6	39.7	86	0.3	17.6	11.5	529	3.66	8.6	1.6	1.1	4.5	19	0.2	1.9	0.5	78	0.30	0.080
1125008	Soil	0.9	17.8	30.0	73	0.2	17.5	9.1	477	3.56	6.9	1.8	<0.5	3.6	18	0.2	2.0	0.5	77	0.27	0.061
1125033	Soil	0.8	28.8	12.8	79	<0.1	39.6	18.2	598	4.35	6.9	1.5	1.4	13.0	26	0.1	0.5	0.6	87	0.35	0.089
1126263	Soil	1.7	17.8	8.5	58	<0.1	17.6	9.4	279	3.01	7.0	1.5	3.2	7.6	15	0.1	0.4	0.2	60	0.24	0.068
1126265	Soil	2.3	15.0	8.8	45	0.1	14.6	7.3	199	2.56	5.4	1.1	1.7	4.9	11	<0.1	0.3	0.3	62	0.10	0.023
1126268	Soil	1.8	16.2	6.8	60	<0.1	21.7	11.6	350	3.21	5.2	1.4	6.6	7.8	16	0.1	0.3	0.1	69	0.24	0.053
1126267	Soil	2.0	13.1	7.6	43	<0.1	17.2	8.8	255	3.23	6.1	0.7	2.5	5.3	13	<0.1	0.3	0.2	77	0.19	0.050
1126271	Soil	1.7	14.7	8.1	54	<0.1	16.9	8.9	276	3.20	5.9	1.1	<0.5	6.2	12	<0.1	0.3	0.2	90	0.21	0.065
1126255	Soil	1.9	14.4	6.4	53	<0.1	19.8	12.2	341	2.99	4.0	1.5	1.5	5.9	20	<0.1	0.2	0.4	62	0.30	0.049
1126258	Soil	1.4	14.7	8.6	48	<0.1	16.5	7.7	181	2.11	3.1	1.5	2.9	4.5	18	<0.1	0.3	0.2	46	0.25	0.060
1126262	Soil	1.6	13.3	5.2	51	<0.1	17.6	10.7	253	2.53	3.4	1.1	<0.5	5.0	17	0.1	0.3	<0.1	55	0.31	0.081
1126283	Soil	1.4	14.4	8.3	45	<0.1	14.2	8.2	266	3.05	6.2	2.0	2.0	10.0	13	<0.1	0.3	0.3	62	0.18	0.056
1126270	Soil	1.5	18.4	8.6	61	<0.1	20.2	9.9	317	3.08	8.3	1.4	3.7	7.3	15	0.2	0.4	0.2	63	0.22	0.059
1126266	Soil	1.7	17.1	7.4	58	<0.1	21.6	12.4	448	3.20	6.8	1.2	1.3	8.2	14	0.1	0.3	0.2	64	0.20	0.063
1126269	Soil	1.2	9.6	7.9	37	<0.1	11.6	5.5	209	1.88	4.0	0.8	1.6	5.3	11	<0.1	0.2	0.2	51	0.16	0.056
1126253	Soil	1.2	14.1	5.6	56	<0.1	20.4	11.4	361	3.03	4.1	0.8	2.2	6.0	14	<0.1	0.3	0.1	63	0.26	0.065
1126254	Soil	1.7	28.7	9.7	53	0.3	20.5	10.1	251	2.81	5.6	4.9	2.4	5.1	16	<0.1	0.4	0.3	67	0.19	0.085
1126256	Soil	1.3	19.7	7.0	53	<0.1	18.3	10.7	378	2.98	6.2	1.3	2.4	6.0	14	0.2	0.3	0.1	60	0.21	0.056
1126259	Soil	1.8	15.4	7.6	49	<0.1	15.8	8.9	292	2.43	4.6	1.0	2.8	4.2	16	0.1	0.3	0.2	58	0.25	0.070
1126282	Soil	1.2	18.9	8.2	59	<0.1	20.9	10.5	284	3.07	4.5	2.2	1.4	11.1	16	<0.1	0.3	0.4	64	0.26	0.061
1126251	Soil	2.7	21.2	6.7	50	<0.1	17.9	10.2	316	3.27	5.2	1.4	1.6	4.7	14	<0.1	0.3	0.1	66	0.18	0.051
1126261	Soil	1.5	17.4	8.7	60	0.1	19.3	9.7	222	2.85	5.4	1.6	3.1	7.2	18	<0.1	0.3	0.2	59	0.27	0.075
1126264	Soil	1.5	16.9	5.9	57	<0.1	19.4	10.2	303	2.89	4.5	1.2	2.1	5.7	17	<0.1	0.3	0.1	60	0.27	0.070
1126260	Soil	1.2	17.7	8.4	56	<0.1	18.6	10.1	210	2.64	4.8	1.6	2.3	8.8	16	0.1	0.3	0.2	54	0.25	0.072
1126252	Soil	1.6	14.4	7.6	46	<0.1	16.6	9.1	234	2.90	4.8	1.5	13.0	6.9	14	<0.1	0.3	0.2	56	0.23	0.072
1126257	Soil	1.3	12.5	5.9	51	<0.1	15.4	8.1	210	2.37	3.6	1.1	<0.5	5.4	19	<0.1	0.2	0.2	51	0.28	0.056
1126274	Soil	1.6	20.0	8.4	68	<0.1	23.2	12.0	395	3.58	6.7	2.0	7.5	11.2	17	<0.1	0.3	0.3	77	0.26	0.066
1126284	Soil	1.7	18.0	8.9	59	<0.1	19.2	11.0	385	3.13	7.1	2.9	<0.5	33.4	15	<0.1	0.4	0.8	64	0.22	0.054
1126272	Soil	1.9	12.3	10.1	50	<0.1	15.3	8.4	335	3.22	8.2	0.7	1.6	7.4	13	0.1	0.4	0.2	73	0.15	0.041

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

Project: ECH
Report Date: August 14, 2011

CERTIFICATE OF ANALYSIS DAW11000103.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1125005	Soil	28	45	0.64	142	0.090	2	2.09	0.011	0.11	0.2	0.02	4.9	0.3	<0.05	7	<0.5	<0.2
1125007	Soil	20	38	0.49	211	0.027	4	2.29	0.009	0.10	0.1	0.05	4.8	0.4	<0.05	8	<0.5	<0.2
1125008	Soil	29	36	0.37	228	0.019	6	2.25	0.007	0.10	<0.1	0.06	6.0	0.4	<0.05	7	0.7	<0.2
1125033	Soil	33	60	0.81	376	0.066	1	2.37	0.011	0.11	0.1	0.04	8.4	0.2	<0.05	8	0.7	<0.2
1126263	Soil	19	34	0.76	125	0.122	3	1.95	0.010	0.27	0.4	0.04	3.7	0.3	<0.05	7	0.8	<0.2
1126265	Soil	18	28	0.53	96	0.129	3	1.67	0.010	0.13	0.3	0.04	3.1	0.2	<0.05	8	<0.5	<0.2
1126268	Soil	26	42	0.96	160	0.159	2	2.01	0.010	0.38	0.4	0.02	3.9	0.3	<0.05	8	<0.5	<0.2
1126267	Soil	11	33	0.68	101	0.178	2	1.71	0.008	0.24	0.5	0.04	2.8	0.2	<0.05	10	<0.5	<0.2
1126271	Soil	21	36	1.04	121	0.191	1	1.97	0.009	0.24	0.2	0.03	4.4	0.2	<0.05	12	0.9	<0.2
1126255	Soil	20	43	1.00	167	0.157	<1	1.85	0.013	0.49	1.0	0.03	3.6	0.4	<0.05	7	<0.5	<0.2
1126258	Soil	18	33	0.68	140	0.116	2	1.66	0.013	0.23	0.5	0.05	3.2	0.2	0.06	6	0.7	<0.2
1126262	Soil	18	30	0.85	128	0.147	1	1.56	0.011	0.43	0.3	0.03	2.9	0.3	<0.05	6	<0.5	<0.2
1126283	Soil	38	30	0.85	149	0.139	1	2.16	0.010	0.33	0.2	0.04	4.0	0.3	<0.05	10	0.5	<0.2
1126270	Soil	21	33	0.71	133	0.115	2	1.86	0.009	0.19	0.3	0.03	3.5	0.2	<0.05	7	<0.5	<0.2
1126266	Soil	18	36	0.79	115	0.137	2	2.07	0.010	0.30	0.3	0.04	3.6	0.2	<0.05	8	0.7	<0.2
1126269	Soil	22	24	0.68	119	0.116	2	1.21	0.011	0.20	0.2	0.04	2.8	0.2	<0.05	8	0.5	<0.2
1126253	Soil	17	40	0.95	136	0.161	1	1.84	0.011	0.42	0.4	0.05	3.1	0.3	<0.05	7	0.5	<0.2
1126254	Soil	60	43	0.79	207	0.106	2	2.37	0.010	0.25	0.5	0.10	5.4	0.3	0.07	8	1.1	<0.2
1126256	Soil	19	33	0.75	127	0.129	2	1.84	0.010	0.28	0.3	0.04	3.2	0.2	<0.05	7	<0.5	<0.2
1126259	Soil	15	29	0.61	108	0.112	2	1.33	0.011	0.22	0.5	0.04	2.7	0.2	<0.05	6	<0.5	<0.2
1126282	Soil	31	40	1.04	187	0.185	1	2.13	0.011	0.44	0.3	0.03	5.6	0.4	<0.05	9	0.8	<0.2
1126251	Soil	17	32	0.76	128	0.146	1	1.96	0.011	0.36	0.7	0.05	3.5	0.3	<0.05	8	0.7	<0.2
1126261	Soil	19	36	0.82	153	0.126	2	1.90	0.011	0.32	0.6	0.04	3.6	0.3	<0.05	8	0.6	<0.2
1126264	Soil	19	33	0.80	131	0.134	<1	1.68	0.011	0.32	0.4	0.02	3.3	0.3	<0.05	7	<0.5	<0.2
1126260	Soil	21	33	0.73	140	0.122	<1	1.87	0.011	0.24	0.5	0.05	3.6	0.2	<0.05	7	0.6	<0.2
1126252	Soil	19	31	0.76	119	0.118	2	2.03	0.010	0.29	0.5	0.05	3.4	0.3	<0.05	7	0.5	<0.2
1126257	Soil	17	29	0.69	140	0.124	1	1.47	0.014	0.27	0.8	0.06	3.0	0.2	<0.05	6	0.5	<0.2
1126274	Soil	41	45	1.03	198	0.176	1	2.46	0.010	0.43	0.4	0.04	5.4	0.4	<0.05	10	0.6	<0.2
1126284	Soil	64	32	0.85	145	0.133	2	2.32	0.011	0.27	1.3	0.03	4.2	0.3	<0.05	9	0.8	<0.2
1126272	Soil	15	29	0.66	104	0.141	1	1.82	0.008	0.15	0.3	0.03	3.1	0.2	<0.05	9	<0.5	<0.2

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Project: ECH
Report Date: August 14, 2011

CERTIFICATE OF ANALYSIS DAW11000103.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1126276	Soil	1.3	12.8	8.3	49	<0.1	18.5	8.2	247	3.07	5.4	1.1	1.4	5.5	18	<0.1	0.3	0.3	72	0.23	0.046
1126279	Soil	1.8	17.8	8.3	67	<0.1	25.0	13.6	417	3.95	5.7	2.1	<0.5	11.1	17	<0.1	0.3	0.5	81	0.26	0.064
1126273	Soil	0.8	16.2	7.9	51	<0.1	22.2	11.1	287	2.81	6.8	0.8	<0.5	8.2	14	0.1	0.4	0.2	56	0.19	0.045
1126277	Soil	1.6	16.9	6.9	67	<0.1	27.1	14.1	488	3.81	4.8	1.6	1.6	8.6	15	<0.1	0.2	0.4	87	0.26	0.077
1126278	Soil	1.9	16.0	7.6	50	0.1	13.4	8.3	337	2.68	3.7	1.6	1.5	4.1	13	0.1	0.2	0.9	59	0.12	0.055
1126280	Soil	1.8	17.5	8.3	66	<0.1	24.5	13.2	404	3.82	5.2	2.0	1.9	11.6	17	<0.1	0.3	0.4	82	0.28	0.065
1126281	Soil	2.5	17.0	7.6	61	<0.1	22.4	14.0	503	3.92	4.0	2.2	1.4	11.8	15	<0.1	0.2	0.8	75	0.29	0.088
1126275	Soil	1.4	18.4	7.5	66	<0.1	22.7	11.9	389	3.42	5.6	1.7	3.3	11.0	16	<0.1	0.3	0.3	73	0.27	0.067
1114437	Soil	0.6	14.7	5.3	21	<0.1	4.2	2.0	124	1.10	2.3	1.1	<0.5	0.4	9	<0.1	0.2	0.2	26	0.09	0.068
1114438	Soil	0.9	14.6	13.3	64	<0.1	13.6	13.4	1298	2.61	5.1	4.4	<0.5	0.5	15	0.2	0.3	2.5	55	0.15	0.099
1114436	Soil	0.5	13.1	8.0	51	<0.1	13.5	5.7	246	1.58	2.4	3.1	3.9	1.9	12	0.2	0.3	0.4	44	0.19	0.071
1114439	Soil	0.7	16.4	7.9	59	<0.1	15.8	6.8	357	2.15	5.1	2.7	1.7	2.7	11	0.2	0.3	1.9	49	0.17	0.061
1114431	Soil	0.6	13.0	6.9	42	<0.1	12.6	4.5	213	1.78	4.1	3.1	1.1	0.5	10	0.1	0.3	0.4	44	0.15	0.065
1114430	Soil	0.4	12.0	9.7	47	<0.1	14.5	4.3	154	1.58	3.5	2.8	4.0	2.5	9	0.1	0.3	0.8	43	0.13	0.049
1114432	Soil	0.4	14.0	5.2	49	<0.1	13.7	5.8	274	1.83	4.6	2.1	1.0	4.5	10	0.2	0.3	2.0	43	0.19	0.061
1114427	Soil	0.3	9.8	8.3	54	<0.1	9.3	4.5	233	1.79	4.8	3.4	1.2	5.7	7	0.1	0.2	1.3	32	0.11	0.042
1114425	Soil	0.4	9.4	8.4	58	<0.1	12.5	4.6	220	2.05	4.3	3.1	0.8	3.0	9	0.1	0.3	0.7	45	0.15	0.050
1114429	Soil	0.4	12.2	6.5	63	<0.1	14.3	6.2	384	1.84	3.9	2.5	0.9	5.3	8	0.2	0.2	1.1	39	0.15	0.049
1114428	Soil	0.3	8.6	9.3	47	<0.1	10.0	3.8	185	1.25	2.1	3.8	0.8	3.6	7	0.1	0.2	1.1	36	0.11	0.044
1114426	Soil	0.5	10.2	9.3	60	<0.1	13.7	4.8	221	2.09	4.4	3.6	2.4	3.1	10	<0.1	0.2	0.8	46	0.14	0.052
1114416	Soil	0.7	13.1	12.7	87	<0.1	16.0	6.9	414	2.59	6.1	6.3	<0.5	5.4	13	0.2	0.4	1.0	45	0.23	0.080
1114413	Soil	1.2	16.1	14.3	76	<0.1	17.4	8.5	476	2.48	5.0	5.3	0.8	4.9	14	0.2	0.3	1.5	52	0.22	0.063
1114421	Soil	0.3	9.2	12.3	53	<0.1	12.1	5.5	210	1.92	3.5	4.2	1.1	4.8	10	<0.1	0.3	1.3	42	0.17	0.042
1114414	Soil	1.0	17.8	14.2	76	<0.1	18.9	7.1	274	2.46	6.2	7.8	5.8	5.1	17	0.2	0.4	0.8	53	0.27	0.078
1114422	Soil	0.4	11.1	12.7	61	<0.1	13.4	5.3	208	1.47	1.6	5.9	1.3	3.1	13	0.2	0.3	1.4	45	0.18	0.052
1114423	Soil	0.5	11.8	12.7	59	<0.1	14.2	5.5	226	1.59	2.2	6.6	0.9	2.0	11	0.1	0.3	0.7	58	0.14	0.052
1114412	Soil	1.8	17.1	10.7	58	<0.1	15.0	6.4	326	2.88	8.4	1.1	1.7	1.4	11	0.2	0.5	0.5	73	0.12	0.059
1114424	Soil	0.4	12.1	12.5	53	<0.1	11.8	4.4	180	2.22	4.2	7.4	2.1	4.5	12	0.1	0.3	1.1	42	0.16	0.062
1114411	Soil	0.9	14.7	7.3	52	<0.1	12.7	5.7	283	2.09	4.7	1.8	2.7	0.5	11	0.2	0.3	0.4	53	0.15	0.068
1114415	Soil	1.4	14.1	10.3	52	<0.1	10.3	4.2	251	2.03	5.1	3.1	2.0	0.3	14	0.3	0.4	1.2	54	0.18	0.102

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1126276	Soil	20	39	0.86	143	0.164	2	1.98	0.011	0.28	0.2	0.03	3.8	0.3	<0.05	10	0.6	<0.2
1126279	Soil	36	52	1.27	209	0.211	2	2.71	0.011	0.57	0.4	0.02	6.0	0.4	<0.05	11	0.6	<0.2
1126273	Soil	14	34	0.75	119	0.114	2	2.45	0.010	0.14	0.2	0.03	3.6	0.2	<0.05	7	<0.5	<0.2
1126277	Soil	28	63	1.29	187	0.217	1	2.52	0.011	0.71	0.3	0.02	5.8	0.5	<0.05	12	<0.5	<0.2
1126278	Soil	37	28	0.61	120	0.111	1	1.77	0.018	0.22	0.3	0.03	3.0	0.2	<0.05	8	0.6	<0.2
1126280	Soil	35	53	1.26	209	0.210	1	2.71	0.011	0.57	0.4	0.03	5.9	0.4	<0.05	11	0.9	<0.2
1126281	Soil	42	53	1.37	220	0.210	<1	2.54	0.012	0.75	0.4	0.03	6.0	0.5	<0.05	11	<0.5	<0.2
1126275	Soil	35	44	1.02	172	0.175	2	2.32	0.011	0.45	0.4	0.02	5.0	0.4	<0.05	10	<0.5	<0.2
1114437	Soil	4	11	0.10	36	0.048	1	1.22	0.020	0.07	<0.1	0.08	1.2	0.2	<0.05	4	0.9	<0.2
1114438	Soil	12	22	0.42	160	0.048	2	1.73	0.009	0.10	0.2	0.04	1.7	0.3	0.06	7	0.6	<0.2
1114436	Soil	13	23	0.40	131	0.072	2	1.66	0.009	0.09	0.2	0.05	2.6	0.2	0.07	6	<0.5	<0.2
1114439	Soil	12	22	0.39	99	0.078	2	1.51	0.009	0.13	0.2	0.02	2.4	0.3	<0.05	5	<0.5	<0.2
1114431	Soil	8	20	0.31	87	0.040	1	1.41	0.010	0.05	0.1	0.03	1.3	0.1	0.07	5	<0.5	<0.2
1114430	Soil	11	23	0.35	98	0.071	1	1.76	0.007	0.08	0.1	0.03	2.2	0.3	<0.05	6	<0.5	<0.2
1114432	Soil	13	20	0.33	85	0.084	2	1.34	0.008	0.10	0.1	0.02	2.1	0.2	<0.05	4	<0.5	<0.2
1114427	Soil	15	15	0.30	97	0.087	<1	1.69	0.006	0.18	0.1	0.02	2.4	0.6	<0.05	6	<0.5	<0.2
1114425	Soil	12	22	0.38	89	0.075	1	1.69	0.006	0.10	0.1	0.02	2.3	0.4	<0.05	6	<0.5	<0.2
1114429	Soil	14	18	0.33	93	0.084	1	1.41	0.007	0.15	0.1	<0.01	2.2	0.3	<0.05	5	<0.5	<0.2
1114428	Soil	13	17	0.32	84	0.085	1	1.70	0.006	0.16	0.1	0.03	2.4	0.6	<0.05	6	<0.5	<0.2
1114426	Soil	13	24	0.39	101	0.079	1	1.86	0.006	0.11	0.2	0.02	2.4	0.4	<0.05	6	<0.5	<0.2
1114416	Soil	16	34	0.38	95	0.060	2	1.50	0.008	0.14	0.1	0.03	2.9	0.8	<0.05	5	<0.5	<0.2
1114413	Soil	13	22	0.53	96	0.097	2	1.45	0.011	0.13	0.2	0.04	3.1	0.6	<0.05	5	<0.5	<0.2
1114421	Soil	12	20	0.37	89	0.083	2	1.70	0.007	0.13	0.1	0.04	2.9	0.6	<0.05	6	<0.5	<0.2
1114414	Soil	16	26	0.54	98	0.083	2	1.74	0.010	0.10	0.2	0.04	3.3	0.3	<0.05	5	<0.5	<0.2
1114422	Soil	13	25	0.40	133	0.087	1	1.94	0.008	0.12	0.2	0.04	3.5	0.9	<0.05	7	<0.5	<0.2
1114423	Soil	12	27	0.42	158	0.079	1	2.26	0.009	0.11	0.1	0.04	3.3	0.8	<0.05	8	<0.5	<0.2
1114412	Soil	9	27	0.33	71	0.078	2	1.68	0.007	0.06	0.2	0.08	2.3	0.2	0.05	8	<0.5	<0.2
1114424	Soil	15	23	0.35	125	0.087	1	2.06	0.008	0.16	0.1	0.09	3.4	0.7	0.05	7	<0.5	<0.2
1114411	Soil	7	20	0.28	71	0.053	1	1.21	0.011	0.05	0.2	0.08	1.6	0.2	0.08	5	<0.5	<0.2
1114415	Soil	8	21	0.19	111	0.035	2	1.00	0.010	0.07	0.1	0.07	1.3	0.2	0.11	5	<0.5	<0.2

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600 - 666 Burrard St.
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Project: ECH
Report Date: August 14, 2011

CERTIFICATE OF ANALYSIS DAW11000103.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1114417	Soil		0.7	11.9	11.8	63	<0.1	15.5	5.8	271	2.36	5.2	6.4	0.9	3.9	15	0.2	0.4	0.7	50	0.19	0.055
1114440	Soil		0.6	12.6	10.4	56	<0.1	11.4	6.9	586	2.08	3.5	2.9	1.4	1.1	10	0.2	0.3	1.7	46	0.11	0.050
1114443	Soil		0.6	17.9	5.6	53	<0.1	18.6	7.4	402	1.98	4.7	1.6	5.6	5.6	14	0.2	0.3	1.8	47	0.25	0.070
1114419	Soil		0.4	14.4	13.4	60	<0.1	13.2	7.1	326	1.79	4.4	8.8	2.9	5.8	15	0.2	0.4	1.9	42	0.22	0.062
1114418	Soil		0.8	10.1	16.1	74	<0.1	12.6	7.1	609	2.84	7.5	4.8	2.5	3.8	14	0.2	0.4	1.0	49	0.18	0.058
1114420	Soil		0.3	11.3	13.3	57	<0.1	11.6	5.3	242	1.84	4.1	7.9	1.9	7.1	12	<0.1	0.4	1.8	40	0.18	0.042
1114434	Soil		0.4	14.0	8.1	44	<0.1	13.5	4.6	153	1.59	3.4	2.4	1.5	0.9	16	0.3	0.2	0.6	37	0.18	0.063
1114444	Soil		0.5	15.2	10.3	55	<0.1	16.6	8.7	384	1.53	1.9	2.7	2.1	1.8	13	0.1	0.3	1.0	45	0.18	0.057
1114433	Soil		0.4	17.0	8.4	52	<0.1	18.0	6.1	155	1.50	1.8	2.7	0.9	3.7	13	0.1	0.3	1.0	46	0.22	0.064
1114441	Soil		0.5	14.5	10.8	51	<0.1	14.3	4.7	205	1.63	3.4	3.0	1.7	2.0	11	0.2	0.3	1.9	47	0.16	0.054
1114435	Soil		0.7	11.8	7.1	40	0.1	9.9	4.8	438	1.29	1.7	3.5	0.6	0.2	21	0.1	0.2	0.4	32	0.21	0.136
1114442	Soil		0.4	16.7	5.0	52	<0.1	17.4	6.8	439	1.85	4.3	1.7	0.8	6.9	13	0.3	0.3	3.4	45	0.26	0.075
1113631	Soil		1.2	19.4	6.8	49	<0.1	18.7	9.5	240	2.79	4.8	1.2	3.9	7.9	14	<0.1	0.3	0.4	59	0.24	0.059
1113630	Soil		1.6	28.2	10.9	64	0.1	20.1	10.6	291	2.85	5.8	2.3	3.7	8.5	19	0.2	0.3	0.9	62	0.31	0.071
1113628	Soil		1.0	20.6	7.4	70	<0.1	26.4	18.4	546	3.83	5.9	1.2	1.9	6.8	18	<0.1	0.3	0.6	87	0.34	0.085
1113629	Soil		0.9	19.5	9.3	54	0.1	17.8	8.7	222	3.13	7.1	2.5	4.5	6.2	15	0.1	0.3	0.5	69	0.23	0.068
1113627	Soil		1.2	16.5	9.3	59	0.1	16.1	11.4	437	3.12	5.4	2.3	3.0	6.5	17	0.1	0.3	0.5	63	0.26	0.076
1113626	Soil		1.3	14.5	8.1	60	<0.1	16.8	14.5	643	3.28	5.6	1.9	2.5	8.5	14	<0.1	0.3	0.6	61	0.25	0.056
1113632	Soil		1.7	15.5	8.3	40	<0.1	13.0	6.6	191	2.40	5.6	0.8	3.0	3.9	15	0.2	0.4	0.3	51	0.16	0.042
1113625	Soil		1.1	16.1	7.3	62	<0.1	16.0	12.8	511	3.36	4.4	1.6	1.7	8.3	16	0.1	0.3	0.7	61	0.29	0.084
1113615	Soil		1.8	17.9	8.9	52	<0.1	21.1	10.1	314	3.05	7.3	1.7	2.2	6.2	15	0.2	0.4	0.2	48	0.25	0.072
1113617	Soil		1.4	18.1	9.9	59	<0.1	20.1	10.7	432	3.82	8.0	1.4	2.0	6.6	9	0.1	0.6	0.2	83	0.15	0.033
1113619	Soil		1.2	22.4	7.7	60	<0.1	20.3	13.4	441	4.36	5.7	1.0	0.7	3.4	11	<0.1	0.5	0.2	96	0.19	0.046
1113602	Soil		0.8	18.6	7.7	56	<0.1	21.3	10.1	338	2.79	7.3	0.8	2.0	5.8	11	<0.1	0.5	0.2	60	0.19	0.041
1113613	Soil		1.1	22.2	8.6	54	<0.1	20.2	9.8	320	2.97	7.4	1.4	1.4	4.8	11	<0.1	0.5	0.2	59	0.14	0.036
1113610	Soil		1.8	22.0	8.6	53	<0.1	19.2	11.2	459	3.01	7.2	1.2	1.8	4.8	12	<0.1	0.5	0.2	65	0.14	0.044
1113618	Soil		4.3	31.5	8.1	51	<0.1	20.1	10.3	315	2.99	6.5	2.5	3.4	6.1	12	0.1	0.4	0.6	52	0.16	0.051
1113624	Soil		0.8	11.3	7.3	43	0.2	10.9	6.2	215	2.16	2.2	2.2	1.1	4.1	19	0.1	0.2	0.6	42	0.24	0.067
1113614	Soil		1.3	21.9	8.1	53	<0.1	20.6	10.4	319	2.89	7.2	1.2	2.4	5.0	12	<0.1	0.5	0.2	59	0.17	0.035
1113620	Soil		0.8	18.8	7.6	59	<0.1	43.7	16.4	425	3.35	8.2	0.7	2.4	4.8	12	<0.1	0.5	0.1	68	0.19	0.030

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Project: ECH
Report Date: August 14, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1114417	Soil	14	29	0.44	93	0.068	2	1.61	0.008	0.10	0.1	0.04	2.9	0.5	<0.05	5	<0.5	<0.2
1114440	Soil	10	20	0.37	110	0.072	1	1.86	0.012	0.19	0.1	0.02	2.3	0.4	0.05	7	<0.5	<0.2
1114443	Soil	13	23	0.38	99	0.087	<1	1.28	0.010	0.10	0.2	0.01	2.6	0.2	<0.05	4	<0.5	<0.2
1114419	Soil	16	24	0.32	117	0.058	1	1.46	0.008	0.06	0.4	0.04	3.8	0.3	<0.05	4	<0.5	<0.2
1114418	Soil	13	24	0.37	125	0.048	3	1.57	0.008	0.10	0.2	0.05	2.4	0.5	<0.05	6	<0.5	<0.2
1114420	Soil	17	21	0.35	105	0.075	1	1.61	0.008	0.11	0.2	0.06	3.4	0.7	<0.05	5	<0.5	<0.2
1114434	Soil	11	24	0.37	125	0.064	<1	1.61	0.012	0.06	0.1	0.05	2.3	0.2	0.08	6	<0.5	<0.2
1114444	Soil	11	26	0.46	105	0.079	<1	1.87	0.009	0.12	0.2	0.03	3.0	0.3	<0.05	6	<0.5	<0.2
1114433	Soil	14	27	0.43	122	0.092	2	1.74	0.010	0.08	0.1	0.04	3.6	0.2	<0.05	5	<0.5	<0.2
1114441	Soil	12	23	0.41	96	0.078	2	1.77	0.008	0.14	0.1	0.01	2.7	0.3	<0.05	7	<0.5	<0.2
1114435	Soil	9	22	0.25	193	0.028	1	1.30	0.012	0.06	<0.1	0.05	1.2	0.1	0.16	4	0.5	<0.2
1114442	Soil	15	21	0.36	104	0.086	<1	1.21	0.012	0.11	0.1	0.02	2.4	0.2	<0.05	4	<0.5	<0.2
1113631	Soil	26	29	0.66	113	0.130	1	1.94	0.011	0.22	1.4	0.02	3.5	0.3	<0.05	6	<0.5	<0.2
1113630	Soil	32	40	0.81	142	0.130	2	1.82	0.016	0.31	10.0	0.04	5.5	0.3	<0.05	7	0.7	<0.2
1113628	Soil	18	54	1.16	154	0.189	1	2.25	0.015	0.59	13.5	0.04	5.3	0.5	<0.05	9	<0.5	<0.2
1113629	Soil	27	40	0.69	126	0.109	1	1.83	0.012	0.23	2.4	0.04	4.5	0.2	<0.05	7	<0.5	<0.2
1113627	Soil	27	37	0.77	180	0.124	2	1.85	0.008	0.35	0.8	0.05	4.1	0.3	0.06	8	0.5	<0.2
1113626	Soil	21	35	0.84	147	0.139	2	1.90	0.008	0.41	0.7	0.04	4.2	0.3	<0.05	8	<0.5	<0.2
1113632	Soil	10	23	0.43	71	0.084	2	1.47	0.008	0.09	2.3	0.12	2.3	0.1	0.05	6	0.8	<0.2
1113625	Soil	21	31	0.94	159	0.157	2	1.92	0.009	0.51	0.8	0.03	4.0	0.4	<0.05	8	<0.5	<0.2
1113615	Soil	22	29	0.57	140	0.075	3	1.84	0.007	0.17	0.3	0.04	3.1	0.3	<0.05	7	<0.5	<0.2
1113617	Soil	16	34	0.75	89	0.196	3	2.27	0.008	0.29	0.2	0.07	4.1	0.4	<0.05	11	<0.5	<0.2
1113619	Soil	10	31	0.88	121	0.222	2	2.26	0.009	0.37	0.3	0.07	3.4	0.3	<0.05	11	<0.5	<0.2
1113602	Soil	18	32	0.69	115	0.104	2	1.83	0.008	0.14	0.2	0.05	3.3	0.2	<0.05	6	<0.5	<0.2
1113613	Soil	19	29	0.56	80	0.098	2	1.92	0.008	0.12	0.2	0.07	3.0	0.2	<0.05	7	<0.5	<0.2
1113610	Soil	13	30	0.59	79	0.110	2	2.01	0.008	0.18	1.5	0.06	3.2	0.2	<0.05	8	0.6	<0.2
1113618	Soil	26	30	0.61	77	0.097	1	1.90	0.008	0.19	0.4	0.06	3.0	0.3	0.06	7	0.6	<0.2
1113624	Soil	33	27	0.61	174	0.101	1	1.50	0.011	0.37	0.6	0.07	3.4	0.3	0.08	7	<0.5	<0.2
1113614	Soil	17	31	0.62	89	0.115	1	1.82	0.009	0.14	0.3	0.05	2.9	0.2	<0.05	6	0.6	<0.2
1113620	Soil	13	82	1.05	109	0.155	1	2.30	0.009	0.39	0.2	0.03	3.3	0.4	<0.05	7	0.5	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1113616	Soil	0.5	27.0	5.9	74	<0.1	27.1	22.1	729	5.10	2.5	1.7	0.8	12.2	9	<0.1	0.2	0.2	100	0.19	0.037
1113621	Soil	1.2	10.8	4.7	21	0.1	5.7	3.4	93	1.68	2.6	0.8	1.7	0.3	11	0.1	0.2	0.1	40	0.10	0.069
1113611	Soil	1.8	21.6	7.3	51	<0.1	20.6	12.4	374	3.10	6.0	1.0	2.2	5.5	11	<0.1	0.4	0.2	65	0.17	0.036
1113601	Soil	0.8	22.0	8.3	56	<0.1	22.5	10.6	358	2.78	8.0	0.8	3.6	5.9	12	<0.1	0.5	0.2	57	0.19	0.040
1113622	Soil	0.8	16.3	6.0	53	<0.1	16.7	9.2	328	2.65	5.2	1.1	5.1	4.8	15	0.2	0.4	0.2	52	0.26	0.059
1113623	Soil	0.7	17.8	6.1	62	<0.1	16.8	12.2	459	3.35	5.1	1.8	1.7	6.5	16	0.1	0.3	0.2	71	0.31	0.087
1113607	Soil	1.0	17.3	8.1	53	<0.1	16.8	8.2	281	2.74	5.8	0.9	1.5	2.1	12	0.2	0.5	0.1	56	0.19	0.059
1113609	Soil	1.0	17.8	7.9	53	<0.1	19.5	10.0	287	2.97	6.4	0.9	2.2	3.8	11	<0.1	0.4	0.2	62	0.19	0.032
1113608	Soil	0.9	19.2	7.6	52	<0.1	21.2	10.4	344	2.77	6.9	0.9	2.5	5.9	12	<0.1	0.4	0.1	57	0.21	0.038
1113605	Soil	1.0	19.8	8.2	55	<0.1	24.8	12.9	543	3.07	6.8	1.1	2.2	6.2	11	<0.1	0.5	0.2	64	0.16	0.037
1113604	Soil	0.6	17.0	5.9	47	<0.1	18.8	7.6	231	2.36	4.6	1.5	5.8	7.9	14	<0.1	0.3	0.1	50	0.29	0.067
1113603	Soil	0.8	19.1	7.2	54	<0.1	22.2	10.5	334	2.69	7.1	1.2	1.6	6.1	15	<0.1	0.4	0.3	59	0.25	0.048
1113606	Soil	1.1	21.2	8.9	56	<0.1	22.0	11.6	360	2.83	7.8	1.2	3.0	6.8	13	0.1	0.5	0.2	59	0.19	0.042
1113612	Soil	0.9	23.4	7.5	62	<0.1	26.2	13.7	411	3.32	7.6	0.9	2.6	4.9	12	<0.1	0.5	0.2	66	0.18	0.032
1127712	Soil	0.9	20.5	7.8	53	<0.1	22.0	9.8	365	2.71	7.7	1.1	2.8	3.9	13	0.1	0.5	0.2	55	0.21	0.067
1127708	Soil	1.2	36.8	8.1	67	<0.1	31.0	18.6	526	3.65	6.3	1.0	2.1	3.8	16	0.2	0.4	0.2	80	0.35	0.078
1127701	Soil	0.6	14.5	19.2	65	0.1	18.1	11.1	295	3.03	7.3	1.2	1.3	7.6	15	0.1	0.5	0.2	49	0.29	0.082
1127702	Soil	0.6	24.1	10.9	80	<0.1	21.9	10.6	280	2.91	5.4	2.9	1.6	12.0	26	0.2	0.5	0.2	57	0.45	0.102
1127704	Soil	0.6	20.5	10.4	85	<0.1	55.2	27.4	752	4.91	4.3	1.3	<0.5	2.7	32	0.3	0.2	0.1	108	0.78	0.159
1127705	Soil	0.6	22.2	6.7	58	<0.1	24.7	11.1	396	2.61	6.5	0.9	1.3	4.8	18	0.2	0.5	0.1	56	0.32	0.071
1127711	Soil	0.9	22.6	6.3	67	<0.1	24.0	14.3	501	3.37	6.0	1.0	2.6	4.9	17	0.1	0.4	0.1	71	0.33	0.086
1127710	Soil	0.7	21.7	6.8	58	<0.1	23.5	10.7	374	2.57	6.1	1.1	1.9	7.6	15	0.1	0.4	0.2	52	0.31	0.082
1127709	Soil	0.9	23.9	7.3	62	<0.1	22.9	11.4	433	3.05	7.3	1.1	4.6	4.9	13	<0.1	0.6	0.2	61	0.22	0.074
1127703	Soil	1.2	26.3	32.8	198	0.3	20.5	12.4	683	2.92	15.8	2.8	2.8	8.2	17	0.9	0.8	0.2	50	0.33	0.120
1127706	Soil	0.6	23.4	6.7	62	<0.1	26.4	12.4	416	2.84	6.4	1.0	1.1	4.3	16	0.1	0.4	0.1	62	0.27	0.084
1127707	Soil	0.7	24.8	6.6	64	<0.1	29.6	13.8	451	2.94	7.9	0.9	1.9	4.2	14	0.1	0.4	0.1	62	0.21	0.059
1127733	Soil	0.7	21.3	8.4	60	<0.1	30.6	10.7	361	2.88	8.4	0.8	1.9	4.8	10	<0.1	0.5	0.2	62	0.12	0.035
1127732	Soil	0.7	24.0	8.4	64	<0.1	31.9	11.9	384	3.02	8.6	0.9	0.8	5.8	11	<0.1	0.5	0.2	62	0.12	0.035
1127725	Soil	0.7	20.6	7.6	57	<0.1	22.0	10.3	389	2.66	8.2	0.8	2.0	5.9	13	<0.1	0.5	0.1	57	0.18	0.055
1127726	Soil	1.0	19.2	8.6	62	<0.1	24.1	9.9	376	2.92	8.9	0.8	1.7	4.7	11	<0.1	0.5	0.2	63	0.13	0.040

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

Project: ECH
Report Date: August 14, 2011

CERTIFICATE OF ANALYSIS DAW11000103.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1113616	Soil	42	56	1.64	198	0.314	<1	3.83	0.009	1.29	0.3	0.02	7.2	0.8	<0.05	13	<0.5	<0.2
1113621	Soil	5	14	0.18	83	0.060	2	0.73	0.010	0.08	0.1	0.07	0.9	<0.1	0.07	4	<0.5	<0.2
1113611	Soil	16	36	0.78	105	0.144	1	2.05	0.009	0.28	2.7	0.05	3.4	0.3	<0.05	7	0.6	<0.2
1113601	Soil	21	31	0.66	110	0.097	2	1.97	0.009	0.11	0.2	0.05	3.5	0.2	<0.05	6	<0.5	<0.2
1113622	Soil	19	25	0.69	131	0.110	2	1.53	0.010	0.27	0.3	0.04	2.8	0.2	<0.05	6	<0.5	<0.2
1113623	Soil	24	33	0.92	167	0.170	2	1.90	0.010	0.51	0.3	0.03	3.9	0.3	<0.05	8	<0.5	<0.2
1113607	Soil	11	27	0.51	95	0.084	2	1.58	0.008	0.13	0.2	0.06	2.3	0.2	0.07	6	0.7	<0.2
1113609	Soil	13	32	0.65	77	0.128	2	1.98	0.009	0.18	0.2	0.06	2.9	0.2	<0.05	6	0.7	<0.2
1113608	Soil	20	30	0.65	92	0.108	1	1.80	0.009	0.17	0.2	0.05	3.1	0.2	<0.05	6	<0.5	<0.2
1113605	Soil	18	39	0.79	99	0.140	1	2.10	0.008	0.24	0.3	0.04	3.2	0.3	<0.05	7	<0.5	<0.2
1113604	Soil	27	32	0.74	128	0.111	<1	1.75	0.009	0.22	0.3	0.04	4.0	0.2	<0.05	6	<0.5	<0.2
1113603	Soil	19	32	0.72	128	0.119	2	1.72	0.010	0.16	0.3	0.04	3.5	0.2	<0.05	6	0.7	<0.2
1113606	Soil	21	31	0.59	99	0.100	<1	1.97	0.010	0.13	0.2	0.05	3.3	0.2	<0.05	6	0.9	<0.2
1113612	Soil	14	38	0.87	117	0.154	1	2.21	0.009	0.27	0.3	0.05	3.4	0.3	<0.05	7	0.6	<0.2
1127712	Soil	16	26	0.54	91	0.092	1	1.76	0.009	0.10	0.2	0.07	2.6	0.2	<0.05	5	0.7	<0.2
1127708	Soil	13	45	1.04	182	0.187	<1	2.12	0.016	0.32	0.2	0.03	3.5	0.3	<0.05	7	<0.5	<0.2
1127701	Soil	22	31	0.50	91	0.078	1	1.51	0.009	0.18	0.2	0.03	4.3	0.2	<0.05	5	<0.5	<0.2
1127702	Soil	46	33	0.65	178	0.131	<1	1.73	0.016	0.28	0.3	0.03	5.2	0.3	<0.05	6	<0.5	<0.2
1127704	Soil	10	106	1.85	216	0.271	<1	3.55	0.052	1.05	19.6	0.02	4.3	0.6	<0.05	11	<0.5	<0.2
1127705	Soil	18	34	0.66	117	0.116	<1	1.91	0.014	0.15	0.2	0.04	2.9	0.2	<0.05	6	0.7	<0.2
1127711	Soil	18	35	0.86	138	0.170	<1	2.04	0.011	0.39	0.3	0.03	3.2	0.4	<0.05	7	0.5	<0.2
1127710	Soil	19	25	0.58	114	0.115	<1	1.71	0.013	0.16	0.4	0.03	2.8	0.2	<0.05	5	<0.5	<0.2
1127709	Soil	15	30	0.69	113	0.130	2	1.77	0.013	0.23	0.3	0.05	3.0	0.2	<0.05	7	<0.5	<0.2
1127703	Soil	24	27	0.50	107	0.083	1	1.35	0.012	0.16	0.3	0.04	3.0	0.2	<0.05	4	<0.5	<0.2
1127706	Soil	17	38	0.78	132	0.135	1	2.09	0.012	0.22	0.1	0.03	3.5	0.3	<0.05	6	0.5	<0.2
1127707	Soil	14	38	0.80	122	0.128	2	1.83	0.012	0.20	0.2	0.04	2.8	0.4	<0.05	5	0.5	<0.2
1127733	Soil	18	44	0.88	105	0.116	2	2.16	0.008	0.16	0.2	0.04	3.3	0.2	<0.05	6	0.6	<0.2
1127732	Soil	22	44	0.91	124	0.123	1	2.19	0.009	0.17	0.2	0.03	3.9	0.2	<0.05	7	0.6	<0.2
1127725	Soil	16	28	0.68	113	0.102	1	1.78	0.011	0.12	0.2	0.04	3.3	0.2	<0.05	5	0.5	<0.2
1127726	Soil	15	35	0.76	102	0.113	2	1.91	0.009	0.12	0.2	0.05	3.4	0.2	<0.05	6	<0.5	<0.2

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Project: ECH
Report Date: August 14, 2011

CERTIFICATE OF ANALYSIS DAW11000103.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1127727	Soil		0.9	18.9	7.8	53	<0.1	22.8	9.1	338	2.77	8.2	1.0	3.9	4.8	12	0.1	0.5	0.2	59	0.15	0.052
1127728	Soil		1.0	23.8	9.2	66	<0.1	26.6	11.1	410	2.98	7.8	1.0	2.1	7.5	12	0.1	0.5	0.2	62	0.16	0.045
1127729	Soil		1.1	25.2	11.0	67	<0.1	26.7	11.9	456	3.19	9.3	1.4	2.0	7.2	11	<0.1	0.6	0.3	62	0.12	0.037
1127730	Soil		1.0	23.0	8.2	60	<0.1	29.7	12.2	449	3.13	8.0	0.8	1.8	5.7	12	<0.1	0.5	0.2	66	0.13	0.036
1127731	Soil		1.3	23.8	8.8	57	<0.1	24.0	10.9	468	2.97	7.6	1.4	1.2	7.3	11	<0.1	0.4	0.2	57	0.12	0.041
1127714	Soil		1.0	28.3	6.3	81	<0.1	32.6	21.5	645	4.07	5.2	0.9	<0.5	3.4	17	0.2	0.3	0.1	91	0.31	0.086
1127713	Soil		1.6	28.2	7.7	81	<0.1	25.7	19.8	857	4.90	4.6	1.5	0.6	4.0	19	0.1	0.4	0.3	111	0.40	0.157
1127715	Soil		1.0	20.5	8.1	67	<0.1	26.2	12.7	455	3.30	7.5	0.7	3.1	3.3	13	<0.1	0.5	0.2	68	0.18	0.055
1127716	Soil		1.1	21.2	8.6	60	<0.1	24.3	10.3	410	2.85	7.7	0.8	4.7	3.9	13	0.1	0.5	0.2	59	0.18	0.055
1127718	Soil		1.1	17.9	6.5	77	<0.1	39.9	16.5	594	3.72	4.9	1.0	3.4	4.0	13	0.1	0.3	0.1	73	0.21	0.075
1127717	Soil		0.8	24.1	9.1	62	<0.1	25.4	10.5	417	2.84	8.9	0.9	0.8	4.6	12	<0.1	0.6	0.2	57	0.13	0.044
1127720	Soil		0.9	20.0	8.3	59	<0.1	23.2	11.6	469	3.05	6.8	1.4	5.7	7.2	15	0.2	0.4	0.2	62	0.22	0.080
1127719	Soil		0.9	21.6	7.4	62	<0.1	25.6	13.8	507	3.29	7.1	1.0	2.1	5.2	13	<0.1	0.4	0.1	64	0.19	0.055
1127721	Soil		0.9	22.2	9.6	60	<0.1	25.3	11.6	426	3.19	8.2	1.3	1.5	5.3	12	0.1	0.5	0.2	60	0.15	0.043
1127722	Soil		0.9	18.1	7.9	61	<0.1	24.1	12.3	442	3.14	5.2	1.5	2.4	9.1	13	0.1	0.3	0.1	61	0.24	0.088
1127723	Soil		0.7	19.0	8.1	67	<0.1	26.7	11.4	446	2.87	6.3	1.0	4.6	6.8	13	0.1	0.4	0.1	58	0.18	0.048
1127724	Soil		0.8	17.9	8.1	58	<0.1	22.6	10.2	362	2.75	6.5	1.0	1.6	4.7	12	0.1	0.4	0.1	58	0.15	0.049
1114740	Soil		0.7	13.4	8.6	50	0.1	12.9	8.7	253	2.97	5.1	1.7	1.1	3.7	17	0.1	0.2	0.2	67	0.21	0.059
1114733	Soil		0.4	6.0	4.9	11	<0.1	3.6	1.8	45	0.80	1.2	0.4	<0.5	0.1	7	<0.1	<0.1	0.1	27	0.07	0.070
1114744	Soil		0.7	15.1	6.9	49	<0.1	12.8	12.0	344	3.00	3.7	2.0	0.6	3.6	24	0.1	0.2	0.1	74	0.38	0.085
1114735	Soil		1.4	18.1	8.3	52	<0.1	17.0	12.1	402	3.11	6.0	0.7	1.4	1.9	15	0.2	0.3	0.2	71	0.26	0.076
1114737	Soil		0.6	7.2	7.3	15	<0.1	5.7	2.5	71	0.89	2.0	0.3	<0.5	0.1	9	<0.1	0.1	0.1	30	0.10	0.024
1114741	Soil		0.7	12.5	7.7	59	<0.1	15.5	11.2	360	3.75	5.6	1.3	0.5	7.8	18	0.1	0.2	0.2	80	0.26	0.071
1114736	Soil		1.2	17.1	9.1	37	<0.1	14.3	7.8	222	3.01	5.6	1.0	2.5	1.7	15	0.1	0.3	0.2	81	0.17	0.053
1114738	Soil		0.7	15.7	8.9	41	0.2	12.9	6.4	142	2.45	4.4	2.6	2.2	4.2	17	<0.1	0.3	0.2	56	0.18	0.053
1114777	Soil		1.0	13.6	7.8	59	<0.1	19.0	13.1	400	3.74	6.6	0.9	1.5	6.3	17	0.1	0.3	0.1	83	0.22	0.055
1114734	Soil		0.9	12.2	7.3	28	<0.1	9.0	6.0	157	2.05	3.0	0.6	1.0	0.4	10	0.1	0.2	0.1	61	0.15	0.045
1114742	Soil		0.7	10.5	5.5	70	<0.1	12.8	15.2	607	4.30	3.6	0.9	1.6	9.2	16	<0.1	0.2	0.2	83	0.26	0.097
1114739	Soil		0.9	12.0	6.5	63	<0.1	17.2	16.3	516	4.53	5.4	0.9	<0.5	7.8	17	<0.1	0.3	0.2	103	0.25	0.061
1114759	Soil		1.0	29.0	5.3	74	<0.1	34.3	29.2	819	5.36	4.0	0.8	<0.5	7.7	16	0.1	0.2	<0.1	133	0.43	0.089

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1127727	Soil	18	30	0.64	127	0.099	2	1.86	0.009	0.12	0.2	0.05	3.2	0.1	<0.05	6	0.7	<0.2
1127728	Soil	28	38	0.77	147	0.120	1	2.10	0.009	0.18	0.2	0.04	4.1	0.2	<0.05	7	<0.5	<0.2
1127729	Soil	24	35	0.74	168	0.096	2	2.20	0.010	0.14	0.2	0.03	4.4	0.2	<0.05	6	<0.5	<0.2
1127730	Soil	22	41	0.84	112	0.128	1	2.10	0.009	0.17	0.2	0.05	3.4	0.2	<0.05	7	0.6	<0.2
1127731	Soil	26	31	0.67	125	0.098	2	2.00	0.010	0.12	0.1	0.04	4.3	0.2	<0.05	6	<0.5	<0.2
1127714	Soil	13	44	1.38	175	0.226	<1	2.24	0.013	0.67	0.2	0.03	3.1	0.5	<0.05	8	<0.5	<0.2
1127713	Soil	18	41	1.26	284	0.229	2	2.46	0.016	0.66	0.2	0.09	4.3	0.5	<0.05	11	0.6	<0.2
1127715	Soil	11	38	0.87	116	0.135	1	2.03	0.011	0.24	0.3	0.04	2.8	0.2	<0.05	6	0.7	<0.2
1127716	Soil	13	29	0.60	104	0.098	1	1.85	0.011	0.10	0.3	0.06	2.6	0.2	<0.05	6	0.5	<0.2
1127718	Soil	13	62	1.36	161	0.187	1	2.22	0.012	0.62	0.2	0.05	3.1	0.4	<0.05	7	<0.5	<0.2
1127717	Soil	16	29	0.62	95	0.087	1	2.02	0.011	0.09	0.2	0.05	2.9	0.1	<0.05	6	<0.5	<0.2
1127720	Soil	19	30	0.73	125	0.121	1	1.85	0.012	0.20	0.2	0.05	2.8	0.2	<0.05	6	<0.5	<0.2
1127719	Soil	15	37	0.87	139	0.143	<1	2.07	0.012	0.29	0.2	0.04	3.2	0.3	<0.05	6	<0.5	<0.2
1127721	Soil	19	31	0.68	127	0.102	1	1.96	0.010	0.15	0.2	0.06	3.1	0.2	<0.05	6	0.5	<0.2
1127722	Soil	23	33	0.80	145	0.134	<1	1.92	0.011	0.31	0.2	0.03	3.0	0.3	<0.05	6	<0.5	<0.2
1127723	Soil	18	33	0.76	132	0.127	1	1.95	0.011	0.21	0.2	0.02	3.3	0.2	<0.05	6	0.8	<0.2
1127724	Soil	15	33	0.73	129	0.112	1	1.72	0.010	0.18	0.2	0.03	3.0	0.2	<0.05	6	<0.5	<0.2
1114740	Soil	18	27	0.78	219	0.133	<1	1.83	0.012	0.26	0.1	0.03	3.7	0.2	<0.05	8	<0.5	<0.2
1114733	Soil	6	13	0.14	73	0.051	<1	0.63	0.018	0.06	0.1	0.02	0.6	<0.1	<0.05	4	<0.5	<0.2
1114744	Soil	23	21	0.76	251	0.141	1	1.61	0.022	0.21	0.2	0.02	4.9	0.1	<0.05	8	0.5	<0.2
1114735	Soil	10	41	0.68	166	0.122	1	1.79	0.017	0.17	0.4	0.02	2.8	0.1	<0.05	7	0.7	<0.2
1114737	Soil	6	20	0.18	70	0.056	<1	0.57	0.013	0.04	<0.1	0.02	0.8	<0.1	<0.05	4	<0.5	<0.2
1114741	Soil	18	31	1.00	253	0.193	<1	2.07	0.012	0.40	0.2	0.02	4.3	0.2	<0.05	9	<0.5	<0.2
1114736	Soil	11	38	0.55	172	0.134	<1	1.72	0.013	0.10	0.2	0.03	2.4	<0.1	<0.05	8	0.5	<0.2
1114738	Soil	32	29	0.61	269	0.092	2	1.73	0.013	0.14	0.1	0.05	4.2	0.1	0.05	7	0.5	<0.2
1114777	Soil	13	46	0.98	207	0.160	2	2.12	0.013	0.31	0.2	0.02	3.9	0.2	<0.05	9	<0.5	<0.2
1114734	Soil	7	27	0.44	93	0.100	<1	1.09	0.017	0.11	0.1	0.03	1.9	<0.1	<0.05	7	<0.5	<0.2
1114742	Soil	19	23	1.14	184	0.220	<1	2.18	0.012	0.68	0.2	<0.01	5.2	0.3	<0.05	12	<0.5	<0.2
1114739	Soil	17	43	1.37	284	0.229	2	2.46	0.012	0.62	0.2	<0.01	4.8	0.3	<0.05	12	<0.5	<0.2
1114759	Soil	10	90	1.89	175	0.263	1	3.14	0.013	0.18	0.2	<0.01	5.5	0.1	<0.05	16	<0.5	<0.2

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600 - 666 Burrard St.
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Project: ECH
Report Date: August 14, 2011

CERTIFICATE OF ANALYSIS DAW11000103.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1114756	Soil	0.6	30.5	5.2	84	<0.1	18.9	17.3	648	5.37	2.8	1.3	0.9	9.8	31	0.2	0.2	<0.1	90	0.70	0.168
1114761	Soil	1.2	19.3	7.7	59	<0.1	24.8	14.5	433	3.95	8.9	1.3	0.5	13.7	15	0.1	0.5	0.2	78	0.19	0.074
1114757	Soil	1.3	26.9	9.1	69	<0.1	26.4	23.4	713	4.98	4.7	0.8	<0.5	9.2	17	<0.1	0.2	0.1	117	0.43	0.099
1114751	Soil	0.8	23.2	8.5	57	<0.1	22.8	14.4	408	3.69	7.8	0.9	0.9	7.1	21	<0.1	0.4	0.2	83	0.32	0.031
1114749	Soil	1.0	28.7	10.6	78	<0.1	25.7	14.8	634	4.79	10.6	2.9	2.5	17.2	29	<0.1	0.6	0.2	98	0.35	0.055
1114746	Soil	0.8	19.8	4.8	48	<0.1	13.8	11.1	438	4.70	3.8	0.7	<0.5	16.6	7	<0.1	0.2	0.1	53	0.25	0.138
1114747	Soil	1.1	19.7	9.8	51	<0.1	26.7	13.9	417	3.68	8.5	1.8	2.8	16.6	19	<0.1	0.4	0.2	77	0.19	0.035
1114743	Soil	1.2	11.6	7.1	50	<0.1	11.2	9.5	387	3.26	5.2	1.2	2.0	6.2	13	0.1	0.3	0.2	66	0.17	0.061
1114745	Soil	1.1	14.8	6.8	60	<0.1	14.4	12.7	398	4.94	8.9	0.7	<0.5	5.5	14	0.1	0.3	0.2	120	0.20	0.066
1114760	Soil	1.1	28.1	9.3	41	<0.1	24.6	14.2	221	3.82	7.7	0.4	<0.5	3.2	16	<0.1	0.5	0.2	81	0.20	0.037
1114758	Soil	0.8	18.5	4.1	64	<0.1	23.0	20.0	489	4.87	4.6	1.0	<0.5	22.1	14	0.1	0.3	0.1	85	0.20	0.035
1114750	Soil	0.8	22.7	9.4	63	<0.1	28.0	17.5	430	3.87	8.4	0.7	1.2	8.2	16	0.1	0.4	0.2	87	0.21	0.032
1114755	Soil	1.1	16.0	6.9	58	<0.1	23.8	12.0	393	3.37	4.5	2.0	0.6	22.9	19	<0.1	0.3	0.2	60	0.26	0.063
1114752	Soil	3.3	26.0	9.5	82	0.1	17.9	13.4	466	4.73	4.8	2.7	10.9	27.0	20	0.1	0.3	1.3	71	0.38	0.082
1114748	Soil	0.8	15.1	4.8	87	<0.1	12.8	20.5	657	7.22	2.9	0.6	<0.5	8.8	17	0.1	0.2	0.1	164	0.36	0.137
1114754	Soil	1.5	11.0	11.1	49	<0.1	15.0	8.0	251	3.13	8.4	0.6	0.9	8.8	11	0.1	0.4	0.2	71	0.11	0.021
1114753	Soil	1.5	16.4	9.5	60	<0.1	17.4	10.8	393	3.36	6.6	0.9	1.7	10.3	10	0.2	0.3	0.2	67	0.13	0.060
1115884	Soil	1.2	19.5	7.9	63	<0.1	20.6	10.5	300	3.09	4.8	1.2	2.2	6.0	16	0.1	0.3	0.5	65	0.24	0.055
1112012	Soil	1.4	16.4	12.3	48	<0.1	17.1	8.3	227	3.95	11.2	0.8	0.6	10.4	9	0.1	0.6	0.3	82	0.09	0.024
1112008	Soil	1.4	16.0	10.2	55	<0.1	20.1	12.4	417	4.66	9.5	0.7	<0.5	4.4	10	0.1	0.6	0.2	103	0.13	0.042
1112006	Soil	1.1	14.5	7.3	43	<0.1	13.0	9.7	273	4.02	6.8	1.5	<0.5	17.1	11	0.1	0.4	0.2	74	0.10	0.035
1112007	Soil	0.9	20.2	5.3	44	<0.1	20.8	13.3	286	3.40	4.4	0.5	<0.5	0.3	17	0.1	0.3	<0.1	82	0.22	0.087
1112011	Soil	1.5	16.0	9.4	48	<0.1	18.0	10.4	335	3.66	7.7	1.1	<0.5	6.3	15	<0.1	0.4	0.2	75	0.18	0.046
1112005	Soil	0.9	19.0	5.0	38	<0.1	18.8	14.6	310	2.99	4.3	0.6	<0.5	1.4	13	0.1	0.3	<0.1	71	0.19	0.056
1112004	Soil	1.3	35.6	4.9	70	<0.1	43.5	27.2	611	5.90	3.9	1.0	<0.5	4.6	9	<0.1	0.2	0.1	151	0.14	0.039
1112003	Soil	1.9	38.8	14.2	207	0.1	9.6	12.0	817	9.22	1.3	5.0	<0.5	15.0	31	<0.1	<0.1	0.7	149	0.21	0.162
1112001	Soil	1.3	17.1	7.4	56	<0.1	17.8	12.2	375	3.96	3.2	1.2	2.1	5.7	21	0.1	0.2	0.5	64	0.43	0.158
1115885	Soil	1.5	23.9	9.3	73	<0.1	29.5	17.1	525	4.08	6.1	1.2	2.1	8.4	19	0.2	0.3	0.4	83	0.29	0.073
1112002	Soil	2.1	23.8	11.8	55	<0.1	21.3	9.5	278	4.10	10.6	1.5	<0.5	6.0	11	0.1	0.6	0.2	71	0.10	0.048
1112025	Soil	1.0	22.0	8.4	63	<0.1	19.2	10.1	332	3.06	5.9	2.1	3.4	10.6	17	0.1	0.4	0.2	59	0.22	0.044

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Project: ECH
Report Date: August 14, 2011

CERTIFICATE OF ANALYSIS DAW11000103.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1114756	Soil	16	39	1.03	392	0.191	<1	2.45	0.011	0.42	0.2	<0.01	6.0	0.2	<0.05	16	<0.5	<0.2
1114761	Soil	24	44	0.80	191	0.140	1	3.07	0.013	0.11	0.2	0.02	4.4	0.1	<0.05	9	0.9	<0.2
1114757	Soil	11	74	1.43	165	0.233	1	2.56	0.019	0.16	0.2	<0.01	5.2	<0.1	<0.05	14	<0.5	<0.2
1114751	Soil	17	49	0.94	204	0.116	<1	2.30	0.012	0.05	0.2	<0.01	5.2	<0.1	<0.05	9	0.5	<0.2
1114749	Soil	71	48	0.94	345	0.124	2	2.83	0.013	0.13	0.2	0.03	9.9	0.1	<0.05	11	1.2	<0.2
1114746	Soil	15	27	0.75	85	0.059	<1	1.99	0.005	0.22	0.1	<0.01	2.6	0.1	<0.05	11	<0.5	<0.2
1114747	Soil	48	51	0.75	166	0.097	1	2.49	0.013	0.09	0.2	0.03	6.7	0.2	<0.05	9	0.6	<0.2
1114743	Soil	21	20	0.64	155	0.115	1	1.58	0.011	0.22	0.2	0.02	2.8	0.2	<0.05	10	0.6	<0.2
1114745	Soil	14	28	0.84	144	0.100	1	2.19	0.011	0.07	0.2	0.01	5.2	<0.1	<0.05	13	0.6	<0.2
1114760	Soil	7	63	0.69	145	0.115	<1	2.74	0.012	0.04	0.2	0.02	3.0	<0.1	<0.05	9	<0.5	<0.2
1114758	Soil	16	49	1.22	149	0.216	<1	2.62	0.010	0.26	0.1	<0.01	4.8	0.2	<0.05	14	<0.5	<0.2
1114750	Soil	10	53	0.93	194	0.146	1	2.89	0.014	0.07	0.2	<0.01	4.4	0.1	<0.05	9	<0.5	<0.2
1114755	Soil	76	40	0.80	200	0.120	1	1.92	0.011	0.25	0.2	0.02	4.9	0.2	<0.05	9	1.0	<0.2
1114752	Soil	75	30	0.63	171	0.062	<1	2.01	0.009	0.15	0.1	0.02	8.6	0.1	<0.05	9	0.9	<0.2
1114748	Soil	10	27	1.67	208	0.291	<1	3.24	0.011	0.32	0.2	<0.01	6.1	0.2	<0.05	18	<0.5	<0.2
1114754	Soil	16	31	0.45	111	0.076	<1	1.88	0.007	0.06	0.2	0.01	2.9	<0.1	<0.05	9	<0.5	<0.2
1114753	Soil	18	31	0.47	113	0.037	1	2.48	0.008	0.08	0.1	0.02	3.4	<0.1	<0.05	9	<0.5	<0.2
1115884	Soil	17	40	0.86	116	0.145	<1	1.91	0.009	0.36	1.1	0.03	3.5	0.3	<0.05	8	<0.5	<0.2
1112012	Soil	12	31	0.46	104	0.090	<1	2.41	0.007	0.11	0.2	0.03	3.4	0.2	<0.05	10	0.6	<0.2
1112008	Soil	9	43	0.78	93	0.132	2	2.23	0.008	0.15	0.2	0.03	4.1	0.1	<0.05	10	0.5	<0.2
1112006	Soil	13	21	0.77	90	0.210	1	2.03	0.009	0.27	0.3	0.05	4.0	0.3	<0.05	13	0.7	<0.2
1112007	Soil	5	40	0.81	101	0.102	1	2.04	0.011	0.23	0.1	0.07	1.4	0.2	0.10	8	0.7	<0.2
1112011	Soil	15	28	0.61	176	0.104	2	2.30	0.007	0.16	0.2	0.03	3.4	0.1	<0.05	8	0.5	<0.2
1112005	Soil	5	34	0.74	93	0.149	1	1.94	0.013	0.19	0.2	0.06	2.3	0.1	0.08	6	0.5	<0.2
1112004	Soil	9	69	2.04	228	0.405	2	3.56	0.009	1.27	0.2	0.05	4.7	0.6	<0.05	12	<0.5	<0.2
1112003	Soil	36	37	1.83	352	0.357	<1	2.89	0.013	1.51	<0.1	<0.01	15.8	1.0	0.33	24	0.7	<0.2
1112001	Soil	14	37	0.96	126	0.204	1	2.06	0.009	0.64	0.5	0.03	3.7	0.5	<0.05	10	0.6	<0.2
1115885	Soil	16	50	1.10	153	0.195	1	2.55	0.010	0.44	1.0	0.02	4.7	0.4	<0.05	10	0.7	<0.2
1112002	Soil	15	37	0.57	72	0.110	<1	2.42	0.007	0.14	0.2	0.07	3.3	0.2	0.07	9	0.7	<0.2
1112025	Soil	28	31	0.64	221	0.108	1	1.83	0.009	0.17	0.2	0.02	4.4	0.2	<0.05	7	0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1112024	Soil		0.5	7.1	5.4	22	<0.1	5.3	2.5	63	1.25	2.1	1.1	<0.5	2.3	8	<0.1	0.1	0.1	25	0.06	0.023
1112022	Soil		1.0	17.3	8.6	67	<0.1	21.5	12.1	420	3.55	7.1	1.3	0.9	16.8	13	0.1	0.4	0.2	60	0.17	0.039
1112023	Soil		0.9	15.8	8.2	65	<0.1	22.0	10.1	320	3.34	4.2	2.9	2.1	19.0	13	<0.1	0.3	0.2	49	0.17	0.031
1112021	Soil		0.8	17.4	8.0	65	<0.1	18.8	9.2	389	3.07	5.3	2.3	2.4	13.0	20	<0.1	0.4	0.2	53	0.26	0.045
1112020	Soil		0.7	12.6	6.0	69	<0.1	14.1	8.8	355	3.48	3.2	2.5	0.6	18.2	13	<0.1	0.2	0.2	49	0.18	0.047
1112019	Soil		1.0	18.5	8.9	77	<0.1	19.8	10.5	404	3.94	6.9	1.8	0.7	11.6	17	<0.1	0.4	0.2	72	0.24	0.061
1112015	Soil		0.8	19.3	7.6	81	<0.1	21.2	11.2	479	3.72	6.5	1.3	0.9	12.6	19	0.1	0.5	0.2	59	0.25	0.046
1112017	Soil		1.0	11.9	8.1	47	<0.1	9.1	4.9	215	2.59	4.2	1.1	1.0	1.7	13	0.1	0.3	0.2	50	0.14	0.041
1112016	Soil		1.1	10.2	10.2	43	<0.1	5.8	3.6	194	2.80	3.1	1.1	0.7	4.8	13	<0.1	0.3	0.3	48	0.11	0.039
1112018	Soil		0.9	16.9	8.0	76	<0.1	17.4	10.0	407	3.76	5.2	2.4	1.6	11.9	20	0.1	0.4	0.2	62	0.27	0.052
1112027	Soil		0.9	17.2	7.4	66	<0.1	21.4	15.7	456	4.11	5.6	1.1	1.0	9.6	18	<0.1	0.3	0.2	99	0.32	0.060
1112026	Soil		0.5	12.9	6.7	15	<0.1	5.2	2.6	66	1.31	2.0	1.9	0.6	0.3	15	<0.1	0.2	0.1	29	0.13	0.054
1112010	Soil		2.1	20.7	6.4	72	<0.1	25.4	17.2	427	4.55	4.5	1.2	2.0	5.7	27	0.1	0.3	0.5	134	0.29	0.084
1112032	Soil		0.9	13.6	8.3	20	<0.1	6.4	4.4	142	1.87	2.6	0.8	0.8	0.5	12	<0.1	0.2	0.2	65	0.15	0.041
1112014	Soil		1.0	13.7	11.9	107	<0.1	13.0	10.9	806	7.17	4.6	1.1	<0.5	19.6	10	0.1	0.3	0.3	58	0.12	0.042
1112009	Soil		0.9	20.1	12.2	66	<0.1	34.3	25.5	469	6.20	2.6	1.5	<0.5	8.8	11	<0.1	0.2	0.2	164	0.33	0.085
1112013	Soil		1.4	24.6	9.4	60	<0.1	24.2	13.1	394	3.21	6.1	1.9	1.0	14.5	19	0.2	0.4	0.2	63	0.23	0.023
1112030	Soil		1.3	11.6	12.4	43	<0.1	9.9	8.3	269	3.44	5.2	0.5	<0.5	1.4	11	<0.1	0.4	0.2	149	0.18	0.034
1112028	Soil		0.7	18.2	7.5	65	<0.1	25.2	21.3	558	4.96	3.3	0.9	<0.5	8.4	18	<0.1	0.3	0.1	125	0.36	0.080
1112031	Soil		0.9	13.5	10.4	23	<0.1	7.4	4.9	155	2.05	2.3	0.7	1.5	0.6	13	<0.1	0.2	0.2	71	0.16	0.042
1112029	Soil		0.7	18.2	6.6	67	<0.1	24.7	22.1	590	5.08	3.0	0.8	0.5	7.9	20	0.1	0.2	0.1	129	0.42	0.089
1127761	Soil		2.3	20.9	9.8	55	<0.1	20.8	11.1	347	3.49	5.1	1.2	1.6	8.2	14	0.1	0.3	0.3	77	0.23	0.065
1127760	Soil		1.7	24.1	7.6	56	<0.1	21.5	10.1	383	2.69	5.9	2.6	2.2	8.5	20	0.1	0.4	0.5	58	0.29	0.060
1127762	Soil		1.6	20.5	7.9	62	<0.1	21.5	12.0	304	3.20	4.8	1.8	4.1	7.5	18	0.1	0.4	0.3	71	0.27	0.056
1127759	Soil		1.8	26.7	7.0	57	0.2	21.6	11.6	320	3.33	3.5	3.8	5.1	7.7	27	<0.1	0.3	1.4	72	0.36	0.064
1127757	Soil		1.1	21.6	6.3	66	<0.1	23.6	13.9	494	3.61	3.2	2.6	1.8	11.7	25	0.1	0.3	0.3	74	0.54	0.116
1127754	Soil		1.1	18.2	8.3	63	0.1	22.3	11.8	389	3.65	4.3	1.6	1.2	7.3	22	<0.1	0.3	0.2	79	0.32	0.077
1127756	Soil		1.8	27.5	8.2	70	<0.1	21.7	15.4	542	4.46	2.9	2.1	1.4	14.6	19	<0.1	0.2	0.7	82	0.33	0.097
1127758	Soil		0.9	17.9	6.5	62	<0.1	21.8	13.4	421	3.57	4.2	1.2	1.3	7.3	21	<0.1	0.3	0.3	81	0.37	0.093
1127751	Soil		0.9	18.4	5.9	30	<0.1	9.0	3.6	98	1.51	2.1	0.6	<0.5	0.2	16	<0.1	0.4	0.2	35	0.14	0.081

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

Project: ECH
Report Date: August 14, 2011

CERTIFICATE OF ANALYSIS DAW11000103.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1112024	Soil	27	12	0.17	86	0.047	<1	0.97	0.020	0.06	0.1	0.02	1.5	<0.1	<0.05	5	<0.5	<0.2
1112022	Soil	28	32	0.72	150	0.135	<1	2.31	0.011	0.30	0.2	0.01	4.3	0.2	<0.05	9	0.7	<0.2
1112023	Soil	104	36	0.73	114	0.120	1	1.79	0.009	0.28	0.2	0.02	4.3	0.2	<0.05	8	0.7	<0.2
1112021	Soil	40	30	0.75	204	0.139	1	1.68	0.011	0.29	0.2	0.02	5.3	0.2	<0.05	8	0.7	<0.2
1112020	Soil	65	27	0.96	146	0.186	1	2.12	0.013	0.54	0.3	0.03	5.3	0.3	<0.05	11	<0.5	<0.2
1112019	Soil	36	35	0.89	210	0.174	2	2.47	0.011	0.38	0.2	0.03	6.1	0.3	<0.05	11	<0.5	<0.2
1112015	Soil	33	31	0.91	198	0.184	1	2.12	0.013	0.41	0.2	0.02	5.6	0.3	<0.05	10	0.7	<0.2
1112017	Soil	21	18	0.45	110	0.118	<1	1.42	0.011	0.25	0.1	0.04	3.0	0.2	<0.05	10	<0.5	<0.2
1112016	Soil	15	16	0.46	121	0.186	<1	1.40	0.010	0.29	0.1	0.03	4.4	0.2	<0.05	14	<0.5	<0.2
1112018	Soil	37	32	0.94	197	0.202	<1	2.11	0.013	0.53	0.3	0.02	6.5	0.3	<0.05	10	<0.5	<0.2
1112027	Soil	19	44	1.18	206	0.214	1	2.37	0.018	0.44	0.3	0.02	5.4	0.2	<0.05	10	<0.5	<0.2
1112026	Soil	27	14	0.13	161	0.021	<1	0.89	0.016	0.04	0.1	0.05	0.7	<0.1	<0.05	4	<0.5	<0.2
1112010	Soil	14	37	1.00	453	0.233	<1	2.56	0.014	0.83	0.2	0.03	7.0	0.3	<0.05	11	<0.5	<0.2
1112032	Soil	9	21	0.28	107	0.100	<1	1.29	0.013	0.12	<0.1	0.04	1.6	0.1	<0.05	10	<0.5	<0.2
1112014	Soil	19	26	1.58	201	0.296	<1	3.86	0.010	1.12	0.2	0.03	10.5	0.6	<0.05	21	0.6	<0.2
1112009	Soil	14	113	2.09	251	0.292	<1	3.74	0.031	0.92	0.4	0.02	11.4	0.2	<0.05	14	<0.5	<0.2
1112013	Soil	39	37	0.89	155	0.151	1	2.12	0.014	0.22	0.4	0.02	4.4	0.3	<0.05	8	<0.5	<0.2
1112030	Soil	7	22	0.56	88	0.242	<1	1.39	0.012	0.26	<0.1	0.02	2.4	0.2	<0.05	13	<0.5	<0.2
1112028	Soil	16	59	1.64	280	0.320	<1	2.94	0.019	0.82	0.2	0.02	5.3	0.3	<0.05	13	<0.5	<0.2
1112031	Soil	9	25	0.32	107	0.122	<1	1.39	0.015	0.15	<0.1	0.03	1.9	0.1	<0.05	10	<0.5	<0.2
1112029	Soil	17	60	1.75	309	0.338	<1	2.96	0.018	0.97	0.2	0.01	5.6	0.4	<0.05	14	<0.5	<0.2
1127761	Soil	16	41	0.88	123	0.199	<1	2.02	0.013	0.35	0.5	0.02	4.4	0.4	<0.05	10	0.6	<0.2
1127760	Soil	28	33	0.73	199	0.132	2	1.77	0.016	0.27	0.4	0.03	5.0	0.2	<0.05	6	<0.5	<0.2
1127762	Soil	18	42	0.91	138	0.176	1	1.96	0.016	0.36	0.9	0.04	4.4	0.4	<0.05	8	<0.5	<0.2
1127759	Soil	52	41	0.96	185	0.164	<1	2.05	0.018	0.49	0.4	0.05	5.2	0.4	<0.05	8	0.5	<0.2
1127757	Soil	49	41	1.11	168	0.202	<1	2.10	0.019	0.79	0.8	0.02	5.1	0.5	<0.05	9	<0.5	<0.2
1127754	Soil	22	55	1.07	172	0.176	<1	2.50	0.013	0.63	0.2	0.05	4.8	0.5	<0.05	10	<0.5	<0.2
1127756	Soil	32	43	1.22	153	0.223	<1	2.92	0.012	0.93	1.4	0.02	6.1	0.7	<0.05	12	<0.5	<0.2
1127758	Soil	23	42	1.05	154	0.189	<1	2.20	0.015	0.50	0.4	0.02	4.6	0.4	<0.05	8	<0.5	<0.2
1127751	Soil	8	18	0.22	75	0.049	<1	1.26	0.027	0.06	0.1	0.06	1.2	0.1	<0.05	4	0.5	<0.2

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Project: ECH
Report Date: August 14, 2011

CERTIFICATE OF ANALYSIS DAW11000103.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1127755	Soil	0.9	15.4	8.5	60	<0.1	17.1	9.2	380	3.32	4.5	1.4	1.2	9.0	16	<0.1	0.3	0.2	65	0.23	0.058
1127753	Soil	1.0	22.9	9.2	46	<0.1	20.9	9.6	220	3.00	6.3	3.0	2.5	8.2	23	0.2	0.5	0.2	69	0.32	0.063
1127752	Soil	2.2	23.6	7.3	59	<0.1	25.1	12.5	309	3.35	5.8	2.4	2.4	7.1	21	<0.1	0.4	0.2	73	0.36	0.079
1127773	Soil	0.8	21.9	9.6	62	<0.1	23.9	12.4	328	3.37	6.2	1.8	3.2	7.7	22	<0.1	0.4	0.4	75	0.32	0.066
1127774	Soil	0.5	21.7	7.9	63	<0.1	26.2	16.7	377	3.78	3.6	1.5	1.9	8.3	22	<0.1	0.3	0.3	84	0.35	0.077
1127766	Soil	1.6	25.5	9.0	68	0.1	19.7	12.6	367	3.52	4.7	1.9	2.2	9.0	20	0.2	0.4	0.2	75	0.32	0.085
1127765	Soil	4.0	33.7	9.1	49	0.2	16.4	9.4	210	2.88	5.7	4.7	3.9	8.8	17	0.1	0.5	0.2	62	0.26	0.085
1127764	Soil	1.6	26.0	9.9	64	0.1	19.0	9.9	258	3.01	5.7	2.5	0.7	8.1	19	0.1	0.4	0.3	70	0.28	0.067
1127772	Soil	0.9	16.1	9.6	51	<0.1	18.2	8.0	215	2.78	5.9	1.7	1.9	6.9	16	0.1	0.4	0.4	63	0.23	0.051
1127771	Soil	1.2	15.3	9.6	55	<0.1	16.2	7.7	277	2.69	6.2	1.0	9.0	4.7	15	0.1	0.3	0.7	73	0.18	0.037
1127770	Soil	1.3	27.6	9.1	79	0.1	23.7	14.5	505	3.81	4.2	2.5	5.2	13.9	18	0.1	0.2	1.0	93	0.29	0.069
1127769	Soil	1.1	22.8	5.6	78	<0.1	25.3	18.4	571	4.22	3.7	1.2	3.8	6.5	16	0.1	0.2	0.3	97	0.37	0.110
1127767	Soil	1.6	24.5	8.7	60	<0.1	21.5	11.9	358	3.59	6.1	1.6	2.5	7.7	13	0.2	0.3	0.3	75	0.21	0.060
1127768	Soil	1.0	23.9	8.6	67	<0.1	25.4	15.5	512	3.25	7.3	1.2	3.0	7.8	17	0.1	0.3	0.3	70	0.24	0.059
1127763	Soil	1.5	11.7	8.7	42	<0.1	13.2	7.4	252	3.13	6.8	0.6	1.4	3.1	11	0.2	0.4	0.2	71	0.13	0.041
1127776	Soil	1.1	19.5	8.1	58	<0.1	24.5	10.9	311	2.82	7.6	0.9	3.5	8.3	17	0.2	0.5	0.2	61	0.25	0.060
1127781	Soil	0.7	18.8	8.5	73	<0.1	27.7	17.6	468	4.34	6.4	1.2	1.9	6.9	13	0.1	0.3	0.2	105	0.21	0.047
1127782	Soil	0.7	14.9	5.6	53	<0.1	25.8	22.5	424	4.59	3.5	0.9	1.7	6.5	11	<0.1	0.1	0.1	121	0.33	0.082
1127778	Soil	1.1	38.6	6.5	46	<0.1	35.1	28.5	540	3.95	3.4	0.6	0.9	2.1	16	<0.1	0.2	0.2	100	0.44	0.061
1127777	Soil	1.1	12.0	7.9	32	<0.1	11.5	6.0	185	2.24	4.2	0.7	1.3	2.3	12	0.1	0.3	0.2	54	0.12	0.030
1127775	Soil	1.6	27.2	5.0	77	<0.1	11.5	17.8	742	5.39	2.3	0.5	1.7	0.8	36	<0.1	0.1	0.1	73	1.31	0.392
1127779	Soil	1.0	26.1	7.8	72	<0.1	31.0	18.4	515	4.13	5.2	1.2	1.2	7.6	16	<0.1	0.3	0.3	87	0.25	0.055
1127780	Soil	1.3	10.3	10.7	29	<0.1	7.1	4.8	147	2.54	5.2	0.5	4.0	2.7	10	<0.1	0.5	0.3	108	0.12	0.030
1115692	Soil	0.8	18.9	8.7	48	<0.1	23.1	9.9	309	2.81	7.1	1.0	1.4	6.9	14	0.2	0.4	0.2	61	0.18	0.041
1114049	Soil	0.6	20.6	9.2	51	<0.1	27.1	12.4	467	3.12	4.7	1.3	1.7	7.5	21	<0.1	0.3	0.2	64	0.33	0.065
1115691	Soil	0.8	22.6	8.1	55	<0.1	26.0	14.3	426	3.31	7.9	0.8	2.8	6.1	17	0.2	0.4	0.2	76	0.23	0.047
1114050	Soil	0.9	18.6	8.9	50	<0.1	23.6	10.3	320	2.94	7.5	1.1	4.0	8.0	15	0.1	0.5	0.2	64	0.20	0.043
1114047	Soil	0.4	22.6	8.7	54	<0.1	21.8	8.6	206	2.68	6.0	0.9	0.9	2.0	22	0.2	0.4	0.2	61	0.40	0.063
1114048	Soil	1.3	28.2	8.3	78	<0.1	30.9	35.0	955	7.52	2.2	0.8	0.6	2.1	20	<0.1	<0.1	0.2	174	0.60	0.137
1114041	Soil	0.8	25.3	9.1	65	<0.1	26.7	11.8	450	3.26	7.1	1.7	5.3	6.5	25	0.2	0.4	0.7	71	0.40	0.069

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1127755	Soil		25	33	0.81	125	0.166	<1	2.01	0.010	0.45	0.4	0.03	4.3	0.4	<0.05	9	<0.5	<0.2
1127753	Soil		21	43	0.89	232	0.168	1	2.07	0.016	0.34	0.2	0.05	4.9	0.3	<0.05	7	0.6	<0.2
1127752	Soil		27	49	1.05	191	0.172	1	2.08	0.017	0.38	0.9	0.03	4.2	0.3	<0.05	7	<0.5	<0.2
1127773	Soil		25	46	0.97	255	0.166	1	2.13	0.014	0.36	0.4	0.03	5.3	0.3	<0.05	8	<0.5	<0.2
1127774	Soil		26	55	1.31	177	0.230	<1	2.52	0.014	0.66	0.3	0.02	5.2	0.6	<0.05	9	<0.5	<0.2
1127766	Soil		24	38	0.91	213	0.178	2	2.03	0.016	0.41	2.9	0.03	4.9	0.4	<0.05	8	0.7	<0.2
1127765	Soil		39	34	0.66	272	0.124	1	1.89	0.014	0.20	0.4	0.06	5.6	0.2	<0.05	7	0.9	<0.2
1127764	Soil		22	36	0.78	188	0.148	1	1.96	0.016	0.27	0.3	0.05	5.0	0.3	<0.05	8	0.8	<0.2
1127772	Soil		24	35	0.68	145	0.131	2	1.87	0.012	0.15	0.5	0.02	3.8	0.2	<0.05	7	<0.5	<0.2
1127771	Soil		12	34	0.64	125	0.146	1	1.55	0.013	0.19	1.1	0.03	3.5	0.2	<0.05	8	<0.5	<0.2
1127770	Soil		28	57	1.13	195	0.204	2	2.12	0.012	0.60	3.8	0.03	6.3	0.5	<0.05	11	0.7	<0.2
1127769	Soil		19	54	1.31	197	0.245	2	2.40	0.011	0.88	2.2	0.02	4.9	0.6	<0.05	10	<0.5	<0.2
1127767	Soil		19	41	0.80	112	0.156	2	2.02	0.011	0.29	1.6	0.04	4.2	0.3	<0.05	8	<0.5	<0.2
1127768	Soil		19	40	0.82	223	0.134	2	2.20	0.013	0.29	3.4	0.03	4.3	0.3	<0.05	7	0.9	<0.2
1127763	Soil		11	28	0.42	97	0.108	2	1.63	0.009	0.09	0.3	0.05	2.3	0.1	<0.05	8	<0.5	<0.2
1127776	Soil		19	32	0.52	165	0.087	2	2.03	0.011	0.10	0.2	0.03	3.3	0.1	<0.05	6	0.6	<0.2
1127781	Soil		16	36	1.36	175	0.227	2	2.85	0.012	0.76	0.1	0.05	6.3	0.6	<0.05	11	0.5	<0.2
1127782	Soil		13	60	1.77	198	0.315	1	2.87	0.018	1.18	0.2	0.04	4.8	0.5	<0.05	11	<0.5	<0.2
1127778	Soil		7	60	1.67	196	0.229	<1	2.38	0.016	0.78	0.5	0.02	4.7	0.5	<0.05	8	<0.5	<0.2
1127777	Soil		9	25	0.37	87	0.091	1	1.09	0.012	0.14	0.1	0.03	1.8	0.1	<0.05	6	<0.5	<0.2
1127775	Soil		6	24	1.00	420	0.104	<1	2.43	0.023	1.09	<0.1	0.02	4.5	0.5	<0.05	10	0.8	<0.2
1127779	Soil		21	65	1.33	139	0.214	2	2.60	0.014	0.77	0.4	0.03	5.8	0.6	<0.05	10	0.5	<0.2
1127780	Soil		9	16	0.29	95	0.219	<1	1.11	0.007	0.18	<0.1	0.02	2.1	0.2	<0.05	11	0.7	<0.2
1115692	Soil		25	39	0.48	141	0.070	<1	2.21	0.011	0.07	0.1	0.04	3.6	0.1	<0.05	6	<0.5	<0.2
1114049	Soil		34	46	0.91	186	0.090	2	2.01	0.012	0.15	<0.1	0.02	4.1	0.2	<0.05	7	<0.5	<0.2
1115691	Soil		19	42	0.74	188	0.103	1	2.49	0.012	0.12	0.2	0.02	4.4	0.2	<0.05	6	<0.5	<0.2
1114050	Soil		26	41	0.53	150	0.079	1	2.32	0.011	0.08	0.1	0.05	4.0	0.1	<0.05	6	<0.5	<0.2
1114047	Soil		17	35	0.56	170	0.073	1	1.92	0.014	0.07	0.1	0.04	3.5	0.1	<0.05	6	0.6	<0.2
1114048	Soil		8	70	1.51	143	0.130	<1	3.57	0.018	0.26	<0.1	<0.01	12.7	0.3	<0.05	13	0.5	<0.2
1114041	Soil		21	47	0.82	229	0.124	2	2.14	0.014	0.13	0.2	0.03	5.8	0.2	<0.05	7	<0.5	<0.2

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

Project: ECH
Report Date: August 14, 2011

CERTIFICATE OF ANALYSIS DAW11000103.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1114040	Soil	0.8	21.3	9.2	62	<0.1	24.9	11.7	372	3.31	5.5	2.1	2.7	5.6	20	0.1	0.3	1.4	74	0.34	0.079
1114046	Soil	0.5	27.5	11.8	72	<0.1	21.8	10.0	314	2.75	7.0	1.1	2.8	3.8	19	0.2	0.4	0.3	61	0.31	0.090
1114044	Soil	0.8	22.2	9.8	59	<0.1	19.9	9.8	312	2.92	7.0	2.3	2.1	2.6	17	0.1	0.4	0.4	67	0.25	0.063
1114043	Soil	0.9	18.5	13.7	80	<0.1	24.9	11.1	524	3.20	6.5	2.0	3.3	6.1	14	0.2	0.4	1.2	62	0.20	0.056
1114042	Soil	0.8	14.5	8.5	58	<0.1	19.5	10.0	360	2.79	5.5	1.0	2.1	4.2	16	0.2	0.3	0.8	66	0.26	0.055
1114045	Soil	0.8	15.8	10.2	67	<0.1	20.8	9.9	303	3.16	7.0	0.8	2.0	3.7	15	0.2	0.4	0.3	71	0.23	0.052
1114029	Soil	0.7	22.7	8.7	60	<0.1	21.9	9.7	275	2.79	6.0	1.3	6.1	4.1	17	0.1	0.4	0.2	62	0.27	0.072
1114028	Soil	0.9	14.1	11.6	53	<0.1	18.2	7.7	311	2.69	4.2	1.5	3.4	4.4	11	0.1	0.2	0.2	56	0.16	0.035
1114027	Soil	0.9	17.8	11.2	59	<0.1	27.5	13.6	594	3.40	6.0	1.1	1.6	5.7	12	0.2	0.3	0.3	70	0.20	0.054
1114026	Soil	0.8	30.6	8.5	66	<0.1	25.9	11.1	427	3.20	5.3	1.9	1.4	8.7	25	0.2	0.4	0.3	67	0.46	0.073
1114025	Soil	0.5	13.0	3.0	21	<0.1	4.6	3.0	71	1.03	2.3	0.3	1.5	0.4	15	<0.1	0.1	<0.1	30	0.14	0.040
1114024	Soil	0.8	19.7	11.3	60	<0.1	24.4	11.9	608	2.70	7.2	1.2	2.8	6.9	15	0.2	0.4	0.2	59	0.21	0.050
1114023	Soil	0.9	8.7	12.4	38	<0.1	9.4	4.4	218	2.75	5.2	0.6	1.6	4.2	12	0.2	0.3	0.3	65	0.14	0.028
1114022	Soil	1.1	11.4	9.8	36	<0.1	9.1	4.7	164	2.19	4.7	0.5	2.3	1.5	11	<0.1	0.4	0.2	59	0.12	0.036
1114021	Soil	0.8	12.2	13.6	51	<0.1	16.6	9.4	465	2.83	5.9	1.2	2.7	3.2	15	0.2	0.3	0.3	61	0.26	0.089
1114020	Soil	0.7	12.1	7.4	37	<0.1	10.0	4.6	183	1.76	3.9	0.7	2.9	1.1	13	0.1	0.2	0.1	43	0.16	0.043
1114039	Soil	0.6	28.6	11.2	61	<0.1	25.2	10.2	369	3.03	8.9	1.5	2.7	4.9	27	<0.1	0.6	0.4	59	0.39	0.075
1114030	Soil	0.6	19.3	11.4	62	<0.1	22.8	11.2	449	2.89	6.9	1.8	2.0	6.4	16	0.2	0.4	0.7	65	0.23	0.054
1114031	Soil	0.8	20.7	10.5	56	<0.1	22.0	10.6	368	2.96	8.4	1.3	3.4	8.3	15	0.1	0.5	0.6	60	0.23	0.065
1114032	Soil	1.1	13.1	11.6	49	<0.1	16.1	8.6	316	3.08	7.0	0.9	0.9	4.3	14	0.2	0.4	0.8	70	0.19	0.049
1114033	Soil	0.9	14.4	9.9	56	<0.1	19.4	10.8	394	3.66	5.7	1.2	0.6	5.2	13	0.2	0.3	0.8	73	0.21	0.062
1114038	Soil	0.7	19.7	10.5	59	<0.1	21.6	9.4	289	2.89	6.6	1.5	2.9	5.5	21	0.2	0.5	0.5	58	0.29	0.073
1114037	Soil	0.9	15.9	10.6	46	<0.1	16.8	9.9	441	2.77	6.1	1.6	0.7	6.3	12	0.1	0.3	0.6	52	0.15	0.048
1114036	Soil	1.8	12.1	13.1	43	<0.1	13.7	6.9	379	3.38	9.6	0.7	<0.5	2.9	12	0.1	0.5	0.3	72	0.13	0.045
1114034	Soil	0.8	16.8	10.6	54	<0.1	17.3	9.6	327	3.15	5.9	1.4	1.3	5.4	16	0.1	0.4	0.5	65	0.21	0.054
1114035	Soil	0.8	19.4	10.7	60	<0.1	23.1	13.1	459	3.37	8.4	1.2	2.6	9.3	14	0.1	0.5	0.4	65	0.21	0.075
1113549	Soil	3.9	17.2	10.1	61	<0.1	18.5	8.9	339	2.82	7.1	4.0	2.5	21.9	17	0.2	0.3	2.1	63	0.26	0.058
1115436	Soil	6.7	24.3	12.4	72	0.1	16.4	8.0	287	3.16	6.4	4.0	12.8	24.5	15	0.2	0.3	1.5	67	0.20	0.039
1115438	Soil	3.7	25.4	10.2	69	0.1	19.6	9.4	362	3.26	6.7	4.2	<0.5	19.1	19	0.1	0.3	1.5	77	0.30	0.044
1115445	Soil	1.7	15.0	9.3	63	<0.1	20.6	13.2	624	3.02	7.0	1.9	2.1	9.7	17	0.1	0.3	0.4	70	0.23	0.061

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1114040	Soil	21	50	0.92	151	0.143	2	2.16	0.014	0.17	0.2	0.02	4.9	0.2	<0.05	8	1.0	<0.2
1114046	Soil	25	32	0.53	153	0.082	3	2.07	0.012	0.09	0.2	0.04	3.5	0.2	<0.05	6	<0.5	<0.2
1114044	Soil	16	32	0.53	168	0.081	<1	2.11	0.010	0.11	0.1	0.04	3.5	0.2	<0.05	7	1.0	<0.2
1114043	Soil	20	40	0.50	138	0.069	2	2.23	0.010	0.12	0.2	0.04	3.6	0.3	<0.05	6	<0.5	<0.2
1114042	Soil	15	38	0.69	108	0.120	2	1.85	0.013	0.13	0.2	0.02	3.3	0.2	<0.05	7	<0.5	<0.2
1114045	Soil	16	40	0.68	118	0.122	1	2.15	0.011	0.15	0.1	0.03	3.5	0.2	<0.05	8	0.5	<0.2
1114029	Soil	13	33	0.58	134	0.097	<1	2.07	0.011	0.09	0.1	0.03	3.4	0.2	<0.05	6	0.5	<0.2
1114028	Soil	14	30	0.40	87	0.074	<1	1.51	0.013	0.10	0.1	0.04	2.3	0.2	<0.05	6	<0.5	<0.2
1114027	Soil	13	45	0.69	91	0.090	2	2.43	0.011	0.12	0.1	0.04	3.6	0.2	<0.05	7	0.6	<0.2
1114026	Soil	33	40	0.69	213	0.107	1	1.89	0.019	0.14	0.1	0.04	6.3	0.2	<0.05	7	<0.5	<0.2
1114025	Soil	4	8	0.10	42	0.046	<1	0.68	0.030	0.03	<0.1	0.02	0.7	<0.1	<0.05	3	0.7	<0.2
1114024	Soil	19	32	0.48	154	0.071	1	2.13	0.011	0.09	0.2	0.06	3.8	0.1	<0.05	6	<0.5	<0.2
1114023	Soil	11	21	0.26	69	0.076	<1	1.32	0.008	0.06	0.1	0.03	2.3	0.1	<0.05	8	<0.5	<0.2
1114022	Soil	8	18	0.22	59	0.063	<1	1.42	0.015	0.04	<0.1	0.03	1.8	0.1	<0.05	6	<0.5	<0.2
1114021	Soil	11	26	0.41	101	0.066	2	2.07	0.010	0.07	0.2	0.04	2.6	0.1	<0.05	6	<0.5	<0.2
1114020	Soil	8	16	0.23	74	0.054	1	1.10	0.016	0.05	<0.1	0.02	1.5	<0.1	<0.05	4	<0.5	<0.2
1114039	Soil	17	37	0.60	258	0.085	1	1.74	0.013	0.09	0.2	0.04	5.0	0.1	<0.05	6	0.8	<0.2
1114030	Soil	18	41	0.70	167	0.117	2	2.17	0.011	0.17	0.1	0.03	4.7	0.3	<0.05	7	0.7	<0.2
1114031	Soil	19	34	0.61	127	0.087	1	2.22	0.011	0.11	0.2	0.04	3.7	0.2	<0.05	6	1.0	<0.2
1114032	Soil	11	33	0.62	110	0.109	2	2.08	0.009	0.12	0.2	0.03	3.6	0.2	<0.05	9	0.5	<0.2
1114033	Soil	16	38	0.70	93	0.156	1	1.98	0.013	0.20	0.1	0.03	3.6	0.2	<0.05	9	0.7	<0.2
1114038	Soil	26	33	0.60	164	0.067	2	1.97	0.012	0.08	0.1	0.03	3.9	0.2	<0.05	6	0.6	<0.2
1114037	Soil	17	23	0.38	111	0.044	1	1.72	0.014	0.06	<0.1	0.02	3.1	0.1	<0.05	5	0.8	<0.2
1114036	Soil	11	31	0.35	100	0.060	1	2.13	0.008	0.06	0.2	0.04	2.4	0.1	<0.05	8	0.8	<0.2
1114034	Soil	19	30	0.54	134	0.098	1	1.88	0.012	0.13	0.1	0.02	4.2	0.2	<0.05	7	0.7	<0.2
1114035	Soil	25	35	0.59	130	0.072	1	2.53	0.010	0.10	0.2	0.04	4.5	0.1	<0.05	7	0.6	<0.2
1113549	Soil	49	34	0.67	189	0.123	1	1.70	0.011	0.20	0.8	0.02	3.5	0.2	<0.05	8	0.7	<0.2
1115436	Soil	17	33	0.62	105	0.130	1	1.62	0.012	0.21	2.1	0.01	3.5	0.3	<0.05	9	0.9	<0.2
1115438	Soil	44	37	0.71	187	0.130	2	1.76	0.013	0.30	1.2	0.04	3.8	0.4	0.06	9	0.6	<0.2
1115445	Soil	14	42	0.77	129	0.138	<1	1.82	0.012	0.19	0.7	0.02	3.1	0.2	<0.05	8	0.6	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1115437	Soil	4.3	33.9	11.3	69	0.2	19.8	9.9	455	3.22	7.0	8.1	3.7	18.0	22	0.1	0.3	1.3	68	0.32	0.062
1115448	Soil	1.1	13.8	11.1	55	0.1	14.9	7.7	286	2.60	6.4	1.5	1.2	4.4	15	0.1	0.3	0.2	51	0.19	0.081
1115439	Soil	2.4	21.7	10.4	62	0.1	17.3	14.3	621	2.74	6.3	4.6	3.6	9.2	15	0.2	0.3	0.6	62	0.16	0.051
1115447	Soil	1.2	12.7	9.1	47	<0.1	13.3	7.1	208	2.35	5.7	1.0	1.7	5.4	15	0.1	0.2	0.3	55	0.16	0.036
1115440	Soil	1.4	18.0	8.7	54	<0.1	14.4	7.4	275	2.44	5.7	3.0	1.4	7.3	17	0.1	0.2	0.4	57	0.23	0.057
1115441	Soil	1.5	11.3	10.4	44	0.3	11.0	4.7	145	2.41	6.5	1.5	1.7	6.0	17	0.2	0.3	0.4	61	0.24	0.042
1115443	Soil	1.6	19.0	9.5	65	0.1	17.0	9.6	886	2.73	6.5	3.1	0.7	9.6	23	0.2	0.3	0.4	64	0.25	0.058
1115446	Soil	1.8	15.7	9.4	62	<0.1	20.0	12.1	566	3.05	7.3	2.1	1.0	9.5	17	0.1	0.3	0.4	73	0.22	0.056
1115444	Soil	0.9	12.9	7.2	33	0.1	6.9	3.0	123	1.42	3.5	1.0	<0.5	3.2	14	0.1	0.2	0.3	37	0.12	0.033
1115442	Soil	2.1	16.5	7.2	36	0.1	11.3	4.8	152	1.95	4.6	5.4	1.0	11.0	16	0.1	0.2	0.4	47	0.20	0.040
1113536	Soil	1.2	16.3	8.2	70	<0.1	19.2	10.2	421	2.74	6.3	3.2	4.2	22.6	24	0.2	0.3	0.3	57	0.39	0.073
1113545	Soil	2.8	14.4	10.3	47	0.1	13.1	7.7	262	2.88	7.2	2.4	1.5	19.8	14	0.2	0.4	0.9	64	0.18	0.047
1113543	Soil	2.8	15.1	11.5	50	<0.1	13.7	6.5	215	3.28	7.1	1.7	6.1	17.4	11	0.2	0.4	1.3	76	0.14	0.043
1113550	Soil	4.1	24.0	11.2	58	0.1	16.6	7.5	210	2.96	6.6	11.4	1.1	27.5	18	0.1	0.3	1.8	63	0.18	0.043
1113548	Soil	5.4	22.6	9.9	41	0.1	12.4	5.5	161	2.57	5.2	5.9	2.9	26.6	10	0.3	0.3	2.0	57	0.10	0.023
1113546	Soil	2.9	17.0	10.0	62	<0.1	20.7	9.5	305	3.04	8.0	3.7	2.1	31.9	14	0.2	0.4	0.9	65	0.19	0.046
1113547	Soil	4.1	21.3	12.7	53	0.2	19.3	8.6	208	3.81	9.3	2.9	1.7	31.9	12	0.2	0.5	1.4	86	0.13	0.026
1113542	Soil	1.0	10.3	6.4	52	0.2	8.9	4.9	332	1.84	3.3	1.8	<0.5	14.8	13	0.1	0.2	0.6	37	0.18	0.044
1113544	Soil	1.5	13.5	6.3	45	<0.1	13.1	7.3	342	1.97	3.8	2.3	<0.5	11.7	14	0.2	0.2	1.0	46	0.26	0.064
1113540	Soil	1.3	13.3	8.4	54	<0.1	16.8	9.2	300	2.56	6.1	2.1	1.6	22.6	15	<0.1	0.3	1.1	55	0.26	0.059
1113535	Soil	1.7	13.6	10.0	47	0.1	14.9	6.8	247	2.72	6.7	2.2	2.0	18.4	18	0.2	0.4	0.4	67	0.22	0.043
1113541	Soil	1.8	16.9	7.5	48	<0.1	14.0	6.7	279	2.15	4.4	6.3	<0.5	16.1	19	<0.1	0.3	0.9	47	0.30	0.085
1113538	Soil	1.5	15.6	8.6	48	<0.1	14.2	6.2	174	2.26	4.7	2.3	1.6	12.1	13	0.1	0.3	0.6	58	0.17	0.034
1113537	Soil	1.9	11.6	9.6	36	<0.1	10.0	4.7	187	1.94	6.7	1.3	0.6	8.8	10	<0.1	0.2	0.4	62	0.09	0.021
1113539	Soil	1.8	11.7	9.5	50	<0.1	12.5	5.8	204	2.50	8.7	1.4	1.6	10.4	10	<0.1	0.3	0.6	77	0.12	0.040

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

Project: ECH
Report Date: August 14, 2011

CERTIFICATE OF ANALYSIS DAW11000103.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1115437	Soil	70	35	0.69	217	0.108	1	1.93	0.014	0.18	1.4	0.03	4.6	0.3	0.09	8	1.0	<0.2
1115448	Soil	16	29	0.58	133	0.088	2	1.85	0.012	0.11	0.3	0.04	3.4	0.2	0.06	8	0.7	<0.2
1115439	Soil	42	31	0.61	144	0.100	1	1.79	0.013	0.12	0.4	0.03	3.8	0.2	<0.05	8	<0.5	<0.2
1115447	Soil	15	26	0.48	132	0.110	1	1.56	0.011	0.09	0.3	0.03	2.9	0.2	<0.05	7	<0.5	<0.2
1115440	Soil	31	26	0.54	138	0.101	2	1.50	0.013	0.14	0.4	0.02	3.0	0.2	<0.05	7	0.6	<0.2
1115441	Soil	25	21	0.37	134	0.096	1	1.12	0.011	0.12	0.3	0.02	2.0	0.1	<0.05	7	<0.5	<0.2
1115443	Soil	45	28	0.52	231	0.112	2	1.74	0.012	0.13	0.4	0.02	3.9	0.2	<0.05	8	0.5	<0.2
1115446	Soil	14	40	0.71	137	0.143	<1	1.79	0.011	0.18	0.5	0.03	3.1	0.2	<0.05	8	0.7	<0.2
1115444	Soil	14	15	0.23	92	0.077	1	0.98	0.015	0.07	0.2	0.03	1.7	<0.1	<0.05	6	<0.5	<0.2
1115442	Soil	56	20	0.34	120	0.086	<1	1.14	0.015	0.11	0.3	0.03	2.4	0.2	<0.05	6	0.9	<0.2
1113536	Soil	57	29	0.62	204	0.103	1	1.58	0.015	0.17	0.4	0.02	3.6	0.2	<0.05	6	0.7	<0.2
1113545	Soil	23	25	0.41	123	0.098	1	1.74	0.013	0.11	0.3	0.04	2.8	0.1	<0.05	8	0.7	<0.2
1113543	Soil	12	29	0.51	77	0.124	<1	1.84	0.008	0.13	0.6	0.04	3.0	0.2	<0.05	9	0.8	<0.2
1113550	Soil	90	31	0.54	147	0.089	<1	1.93	0.011	0.14	0.3	0.04	4.1	0.2	<0.05	8	1.0	<0.2
1113548	Soil	44	27	0.36	84	0.105	<1	1.53	0.014	0.11	0.4	0.05	2.7	0.2	<0.05	7	<0.5	<0.2
1113546	Soil	35	31	0.62	151	0.119	2	1.95	0.012	0.14	0.5	0.03	3.7	0.2	<0.05	8	<0.5	<0.2
1113547	Soil	20	39	0.62	139	0.122	<1	2.61	0.012	0.09	0.4	0.05	3.9	0.3	<0.05	10	0.6	<0.2
1113542	Soil	16	17	0.33	90	0.078	<1	1.00	0.018	0.08	0.7	0.02	1.6	0.1	<0.05	5	0.7	<0.2
1113544	Soil	28	22	0.50	111	0.098	<1	1.16	0.015	0.17	1.5	0.01	2.5	0.2	<0.05	6	0.5	<0.2
1113540	Soil	27	28	0.54	102	0.106	1	1.42	0.013	0.14	0.9	0.02	2.9	0.2	<0.05	6	<0.5	<0.2
1113535	Soil	42	25	0.45	164	0.116	1	1.46	0.011	0.12	0.2	0.02	3.0	0.2	<0.05	8	<0.5	<0.2
1113541	Soil	60	25	0.49	170	0.073	1	1.41	0.019	0.10	0.8	0.03	3.3	0.2	0.07	6	0.9	<0.2
1113538	Soil	36	24	0.37	123	0.101	<1	1.27	0.010	0.10	0.4	0.04	2.2	0.2	<0.05	7	<0.5	<0.2
1113537	Soil	27	16	0.23	85	0.097	<1	0.96	0.007	0.07	0.3	0.02	1.6	0.1	<0.05	7	<0.5	<0.2
1113539	Soil	22	23	0.32	99	0.120	<1	1.14	0.007	0.09	0.6	0.02	2.1	0.1	<0.05	8	<0.5	<0.2

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600 - 666 Burrard St.
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Project: ECH
Report Date: August 14, 2011

QUALITY CONTROL REPORT DAW11000103.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																						
1125032	Soil		0.8	25.4	10.2	50	0.1	21.7	10.9	425	3.17	5.7	2.2	0.7	9.8	23	<0.1	0.4	0.5	60	0.41	0.068
REP 1125032	QC		0.8	26.5	10.1	52	<0.1	21.9	11.5	440	3.40	5.7	2.4	<0.5	10.4	22	0.1	0.4	0.5	64	0.43	0.071
1125019	Soil		1.3	13.2	13.7	71	<0.1	20.5	10.6	401	4.04	9.7	1.2	1.7	8.6	20	0.2	0.5	0.7	84	0.20	0.047
REP 1125019	QC		1.4	14.0	14.5	73	<0.1	21.8	10.9	404	4.29	9.5	1.2	<0.5	8.6	21	0.1	0.5	0.7	81	0.21	0.046
1126283	Soil		1.4	14.4	8.3	45	<0.1	14.2	8.2	266	3.05	6.2	2.0	2.0	10.0	13	<0.1	0.3	0.3	62	0.18	0.056
REP 1126283	QC		1.3	14.6	8.7	48	<0.1	14.6	8.2	269	2.97	6.6	2.1	2.9	10.3	13	<0.1	0.3	0.3	62	0.18	0.061
1126257	Soil		1.3	12.5	5.9	51	<0.1	15.4	8.1	210	2.37	3.6	1.1	<0.5	5.4	19	<0.1	0.2	0.2	51	0.28	0.056
REP 1126257	QC		1.3	12.3	6.0	49	<0.1	15.6	8.2	204	2.32	3.7	1.1	<0.5	5.2	19	<0.1	0.3	0.2	52	0.28	0.055
1114432	Soil		0.4	14.0	5.2	49	<0.1	13.7	5.8	274	1.83	4.6	2.1	1.0	4.5	10	0.2	0.3	2.0	43	0.19	0.061
REP 1114432	QC		0.4	14.9	5.6	51	<0.1	14.2	5.8	283	1.87	4.7	2.1	1.6	4.7	10	0.2	0.2	0.8	44	0.20	0.064
1114444	Soil		0.5	15.2	10.3	55	<0.1	16.6	8.7	384	1.53	1.9	2.7	2.1	1.8	13	0.1	0.3	1.0	45	0.18	0.057
REP 1114444	QC		0.6	15.5	10.4	57	<0.1	16.6	8.7	383	1.55	2.1	2.8	2.2	1.9	13	0.2	0.4	1.1	45	0.18	0.056
1113613	Soil		1.1	22.2	8.6	54	<0.1	20.2	9.8	320	2.97	7.4	1.4	1.4	4.8	11	<0.1	0.5	0.2	59	0.14	0.036
REP 1113613	QC		1.0	22.0	8.3	54	<0.1	19.9	9.9	313	2.93	7.2	1.4	2.8	4.7	10	<0.1	0.5	0.2	58	0.14	0.036
1127712	Soil		0.9	20.5	7.8	53	<0.1	22.0	9.8	365	2.71	7.7	1.1	2.8	3.9	13	0.1	0.5	0.2	55	0.21	0.067
REP 1127712	QC		0.8	20.4	8.1	53	<0.1	21.8	9.6	365	2.72	7.3	1.0	2.7	3.8	14	0.1	0.5	0.3	55	0.21	0.065
1127714	Soil		1.0	28.3	6.3	81	<0.1	32.6	21.5	645	4.07	5.2	0.9	<0.5	3.4	17	0.2	0.3	0.1	91	0.31	0.086
REP 1127714	QC		1.0	27.8	6.0	82	<0.1	32.8	21.6	630	4.00	5.0	0.9	0.9	3.3	17	0.2	0.3	0.1	91	0.31	0.082
1114735	Soil		1.4	18.1	8.3	52	<0.1	17.0	12.1	402	3.11	6.0	0.7	1.4	1.9	15	0.2	0.3	0.2	71	0.26	0.076
REP 1114735	QC		1.5	18.0	8.3	51	<0.1	17.9	12.2	413	3.18	6.0	0.7	0.9	1.8	16	0.1	0.3	0.1	75	0.27	0.072
1114759	Soil		1.0	29.0	5.3	74	<0.1	34.3	29.2	819	5.36	4.0	0.8	<0.5	7.7	16	0.1	0.2	<0.1	133	0.43	0.089
REP 1114759	QC		0.9	28.7	4.8	69	<0.1	31.7	28.6	791	5.43	3.9	0.8	<0.5	7.4	15	<0.1	0.2	<0.1	126	0.40	0.086
1112004	Soil		1.3	35.6	4.9	70	<0.1	43.5	27.2	611	5.90	3.9	1.0	<0.5	4.6	9	<0.1	0.2	0.1	151	0.14	0.039
REP 1112004	QC		1.4	37.2	5.1	72	<0.1	44.9	27.7	584	5.89	3.6	1.0	0.7	4.6	9	<0.1	0.2	0.1	146	0.14	0.043
1112017	Soil		1.0	11.9	8.1	47	<0.1	9.1	4.9	215	2.59	4.2	1.1	1.0	1.7	13	0.1	0.3	0.2	50	0.14	0.041
REP 1112017	QC		0.9	11.3	8.4	48	<0.1	9.4	4.7	217	2.58	4.3	1.0	0.7	1.7	13	<0.1	0.3	0.2	51	0.14	0.040
1127751	Soil		0.9	18.4	5.9	30	<0.1	9.0	3.6	98	1.51	2.1	0.6	<0.5	0.2	16	<0.1	0.4	0.2	35	0.14	0.081
REP 1127751	QC		1.0	17.7	5.6	28	<0.1	8.2	3.4	96	1.44	1.9	0.6	1.5	0.2	16	0.1	0.3	0.2	35	0.13	0.076

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Project: ECH
Report Date: August 14, 2011

QUALITY CONTROL REPORT DAW11000103.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1125032	Soil	42	34	0.61	287	0.050	2	1.91	0.012	0.12	0.1	0.03	6.0	0.1	<0.05	7	<0.5	<0.2
REP 1125032	QC	41	37	0.63	281	0.055	2	1.83	0.010	0.12	0.2	0.04	6.6	0.2	<0.05	7	0.8	<0.2
1125019	Soil	22	41	0.66	253	0.066	4	2.71	0.011	0.19	0.2	0.02	5.2	0.5	<0.05	9	<0.5	<0.2
REP 1125019	QC	23	42	0.66	252	0.063	3	2.75	0.009	0.18	0.1	0.03	5.2	0.5	<0.05	9	<0.5	<0.2
1126283	Soil	38	30	0.85	149	0.139	1	2.16	0.010	0.33	0.2	0.04	4.0	0.3	<0.05	10	0.5	<0.2
REP 1126283	QC	39	29	0.89	155	0.143	2	2.24	0.011	0.35	0.2	0.03	4.4	0.3	<0.05	10	<0.5	<0.2
1126257	Soil	17	29	0.69	140	0.124	1	1.47	0.014	0.27	0.8	0.06	3.0	0.2	<0.05	6	0.5	<0.2
REP 1126257	QC	17	29	0.68	136	0.124	1	1.43	0.014	0.27	0.8	0.04	3.0	0.2	<0.05	6	<0.5	<0.2
1114432	Soil	13	20	0.33	85	0.084	2	1.34	0.008	0.10	0.1	0.02	2.1	0.2	<0.05	4	<0.5	<0.2
REP 1114432	QC	13	20	0.35	90	0.086	1	1.40	0.008	0.11	0.1	0.02	2.2	0.2	<0.05	4	<0.5	<0.2
1114444	Soil	11	26	0.46	105	0.079	<1	1.87	0.009	0.12	0.2	0.03	3.0	0.3	<0.05	6	<0.5	<0.2
REP 1114444	QC	12	27	0.48	110	0.082	<1	1.91	0.009	0.13	0.2	0.02	3.0	0.3	<0.05	6	<0.5	<0.2
1113613	Soil	19	29	0.56	80	0.098	2	1.92	0.008	0.12	0.2	0.07	3.0	0.2	<0.05	7	<0.5	<0.2
REP 1113613	QC	18	30	0.57	77	0.100	2	1.92	0.008	0.12	0.2	0.06	2.8	0.2	<0.05	7	<0.5	<0.2
1127712	Soil	16	26	0.54	91	0.092	1	1.76	0.009	0.10	0.2	0.07	2.6	0.2	<0.05	5	0.7	<0.2
REP 1127712	QC	16	28	0.53	92	0.091	<1	1.72	0.009	0.10	0.3	0.08	2.5	0.1	<0.05	5	0.5	<0.2
1127714	Soil	13	44	1.38	175	0.226	<1	2.24	0.013	0.67	0.2	0.03	3.1	0.5	<0.05	8	<0.5	<0.2
REP 1127714	QC	12	45	1.33	169	0.219	1	2.15	0.012	0.65	0.1	0.03	3.1	0.5	<0.05	8	<0.5	<0.2
1114735	Soil	10	41	0.68	166	0.122	1	1.79	0.017	0.17	0.4	0.02	2.8	0.1	<0.05	7	0.7	<0.2
REP 1114735	QC	10	43	0.71	167	0.124	<1	1.83	0.018	0.18	0.4	0.02	2.9	0.1	<0.05	7	<0.5	<0.2
1114759	Soil	10	90	1.89	175	0.263	1	3.14	0.013	0.18	0.2	<0.01	5.5	0.1	<0.05	16	<0.5	<0.2
REP 1114759	QC	10	88	1.79	178	0.255	1	3.03	0.013	0.18	0.2	<0.01	5.3	0.1	<0.05	15	<0.5	<0.2
1112004	Soil	9	69	2.04	228	0.405	2	3.56	0.009	1.27	0.2	0.05	4.7	0.6	<0.05	12	<0.5	<0.2
REP 1112004	QC	9	67	2.10	230	0.397	<1	3.60	0.009	1.29	0.2	0.04	4.7	0.6	<0.05	12	<0.5	<0.2
1112017	Soil	21	18	0.45	110	0.118	<1	1.42	0.011	0.25	0.1	0.04	3.0	0.2	<0.05	10	<0.5	<0.2
REP 1112017	QC	20	19	0.45	106	0.116	1	1.43	0.011	0.26	0.1	0.03	3.0	0.2	<0.05	10	<0.5	<0.2
1127751	Soil	8	18	0.22	75	0.049	<1	1.26	0.027	0.06	0.1	0.06	1.2	0.1	<0.05	4	0.5	<0.2
REP 1127751	QC	8	18	0.22	71	0.048	<1	1.19	0.026	0.06	0.2	0.08	1.1	0.1	<0.05	4	0.8	<0.2

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

Project: ECH
Report Date: August 14, 2011

QUALITY CONTROL REPORT DAW11000103.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1127781	Soil	0.7	18.8	8.5	73	<0.1	27.7	17.6	468	4.34	6.4	1.2	1.9	6.9	13	0.1	0.3	0.2	105	0.21	0.047
REP 1127781	QC	0.9	18.9	8.5	74	<0.1	27.7	17.6	467	4.28	6.3	1.3	1.5	7.0	13	0.1	0.3	0.2	106	0.20	0.046
1114042	Soil	0.8	14.5	8.5	58	<0.1	19.5	10.0	360	2.79	5.5	1.0	2.1	4.2	16	0.2	0.3	0.8	66	0.26	0.055
REP 1114042	QC	0.9	14.7	8.2	59	<0.1	19.4	10.2	362	2.81	5.6	1.0	3.9	4.0	16	0.2	0.3	0.8	67	0.26	0.058
1114035	Soil	0.8	19.4	10.7	60	<0.1	23.1	13.1	459	3.37	8.4	1.2	2.6	9.3	14	0.1	0.5	0.4	65	0.21	0.075
REP 1114035	QC	0.9	19.0	10.5	60	<0.1	23.8	12.6	440	3.31	8.0	1.2	1.8	9.3	14	0.2	0.5	0.4	62	0.20	0.076
1115441	Soil	1.5	11.3	10.4	44	0.3	11.0	4.7	145	2.41	6.5	1.5	1.7	6.0	17	0.2	0.3	0.4	61	0.24	0.042
REP 1115441	QC	1.5	11.8	11.0	43	0.3	11.1	4.8	153	2.49	6.8	1.5	<0.5	5.9	19	0.1	0.3	0.4	63	0.26	0.042
Reference Materials																					
STD DS8	Standard	12.6	102.1	125.2	320	0.9	36.9	7.2	599	2.45	25.5	2.8	123.9	6.8	67	2.2	5.7	6.4	43	0.69	0.083
STD DS8	Standard	13.3	111.2	122.9	321	1.9	37.3	7.8	605	2.41	28.5	2.7	114.7	6.5	64	2.7	6.1	6.8	43	0.65	0.086
STD DS8	Standard	12.6	108.2	124.7	303	1.8	36.6	7.3	592	2.40	26.1	2.7	109.1	6.4	67	2.3	5.8	6.9	39	0.68	0.078
STD DS8	Standard	13.0	107.0	127.2	312	1.9	38.3	7.5	616	2.47	26.4	2.8	117.3	7.1	65	2.4	5.7	6.7	41	0.71	0.081
STD DS8	Standard	13.3	111.0	111.9	313	1.8	38.7	7.6	626	2.47	27.4	2.4	111.6	6.1	62	2.4	5.2	6.1	44	0.71	0.078
STD DS8	Standard	13.0	103.0	122.4	305	1.7	36.6	7.3	612	2.43	27.6	2.6	113.8	6.9	65	2.3	5.8	6.5	41	0.68	0.082
STD DS8	Standard	11.6	106.7	121.6	313	1.8	36.5	7.1	586	2.42	27.1	2.7	108.7	6.1	61	2.4	5.5	6.7	40	0.64	0.085
STD DS8	Standard	12.7	122.7	117.8	316	1.8	41.2	8.3	622	2.51	28.0	2.6	117.7	5.7	58	2.4	4.9	6.3	45	0.67	0.078
STD DS8	Standard	13.1	104.4	108.3	292	1.8	36.9	7.2	593	2.35	24.8	2.5	113.0	6.2	60	2.2	4.9	5.8	42	0.68	0.075
STD DS8	Standard	14.5	113.7	124.3	321	1.8	39.0	7.7	662	2.65	28.2	3.0	112.7	7.6	69	2.4	5.8	7.0	44	0.74	0.082
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: ECH
Report Date: August 14, 2011

QUALITY CONTROL REPORT DAW11000103.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1127781	Soil	16	36	1.36	175	0.227	2	2.85	0.012	0.76	0.1	0.05	6.3	0.6	<0.05	11	0.5	<0.2
REP 1127781	QC	16	36	1.34	175	0.231	3	2.80	0.011	0.77	0.2	0.05	6.4	0.6	<0.05	11	0.6	<0.2
1114042	Soil	15	38	0.69	108	0.120	2	1.85	0.013	0.13	0.2	0.02	3.3	0.2	<0.05	7	<0.5	<0.2
REP 1114042	QC	15	38	0.68	108	0.120	<1	1.86	0.013	0.13	0.2	0.03	3.2	0.2	<0.05	7	0.7	<0.2
1114035	Soil	25	35	0.59	130	0.072	1	2.53	0.010	0.10	0.2	0.04	4.5	0.1	<0.05	7	0.6	<0.2
REP 1114035	QC	24	33	0.57	131	0.071	2	2.48	0.010	0.10	0.1	0.03	4.4	0.1	<0.05	7	<0.5	<0.2
1115441	Soil	25	21	0.37	134	0.096	1	1.12	0.011	0.12	0.3	0.02	2.0	0.1	<0.05	7	<0.5	<0.2
REP 1115441	QC	27	22	0.37	144	0.107	1	1.18	0.012	0.13	0.3	0.03	2.2	0.1	<0.05	8	0.6	<0.2
Reference Materials																		
STD DS8	Standard	15	118	0.66	294	0.117	2	0.94	0.103	0.45	3.1	0.23	2.3	5.2	0.17	5	5.1	4.6
STD DS8	Standard	14	125	0.63	291	0.107	2	0.94	0.084	0.41	3.1	0.20	1.9	5.6	0.18	5	5.3	5.8
STD DS8	Standard	13	110	0.61	286	0.109	2	0.89	0.085	0.41	3.1	0.21	2.0	5.4	0.17	4	4.9	4.9
STD DS8	Standard	15	118	0.62	282	0.117	3	0.91	0.085	0.41	3.3	0.20	2.1	5.6	0.12	5	5.5	5.1
STD DS8	Standard	14	123	0.63	268	0.115	2	0.91	0.087	0.42	3.1	0.21	2.2	5.5	0.18	5	5.0	5.1
STD DS8	Standard	14	117	0.59	270	0.114	3	0.89	0.086	0.41	3.0	0.21	2.2	5.5	0.20	5	5.6	5.1
STD DS8	Standard	12	109	0.60	259	0.102	3	0.87	0.083	0.41	3.0	0.18	2.1	5.6	0.17	4	5.6	5.1
STD DS8	Standard	12	119	0.61	255	0.103	3	0.85	0.078	0.41	2.9	0.21	1.9	5.5	0.15	4	5.5	5.0
STD DS8	Standard	15	115	0.55	275	0.112	3	0.89	0.087	0.39	3.0	0.21	1.9	5.0	0.14	5	4.5	4.4
STD DS8	Standard	17	122	0.64	290	0.128	2	0.94	0.093	0.43	3.1	0.20	2.3	5.5	0.13	5	5.6	4.8
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

Project: ECH
Report Date: August 14, 2011

QUALITY CONTROL REPORT DAW11000103.1

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

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QUALITY CONTROL REPORT DAW11000103.1

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

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

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: July 28, 2011
Report Date: August 15, 2011
Page: 1 of 13

CERTIFICATE OF ANALYSIS DAW11000105.1

CLIENT JOB INFORMATION

Project: ECH
Shipment ID: ECH2011-14
P.O. Number
Number of Samples: 353

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	353	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	353	Dry at 60C			WHI
1DX2	353	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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

Project: ECH
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS DAW11000105.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1115878	Soil		0.6	9.4	15.4	53	<0.1	11.6	5.6	190	1.85	5.5	4.6	1.1	2.1	11	0.1	0.4	1.2	38	0.15	0.058
1115879	Soil		0.6	11.9	13.2	48	<0.1	11.2	4.7	216	1.91	6.0	2.8	4.1	2.3	10	0.2	0.4	0.9	41	0.11	0.046
1115876	Soil		0.8	10.1	18.4	47	0.2	8.3	3.1	148	1.52	5.4	5.3	0.5	0.4	11	0.3	0.4	1.0	30	0.10	0.069
1115871	Soil		0.6	20.1	10.1	69	<0.1	19.1	7.9	561	2.28	7.6	5.2	3.3	3.0	12	0.2	0.5	1.3	46	0.19	0.081
1115877	Soil		0.8	13.0	19.9	63	0.1	12.1	4.8	161	2.05	6.5	8.0	6.2	1.6	12	<0.1	0.4	1.5	37	0.14	0.072
1126052	Soil		0.3	9.2	15.8	50	<0.1	9.8	4.4	564	1.43	4.4	3.3	0.8	3.6	9	0.2	0.3	2.4	23	0.15	0.064
1126053	Soil		0.4	12.3	8.2	53	<0.1	14.8	6.6	226	1.84	5.3	1.5	0.6	3.4	10	0.2	0.3	1.0	35	0.13	0.048
1126055	Soil		0.8	19.1	8.5	60	<0.1	20.4	7.6	320	2.22	6.9	1.2	6.9	1.6	11	0.2	0.5	0.7	51	0.15	0.057
1115859	Soil		0.5	10.9	9.3	49	<0.1	11.8	5.6	374	1.67	5.9	4.4	2.4	3.6	10	0.1	0.4	1.0	35	0.16	0.068
1115873	Soil		0.9	16.2	12.9	73	<0.1	16.1	7.2	581	2.19	7.5	8.2	2.1	2.7	13	0.2	0.4	1.5	43	0.18	0.072
1126056	Soil		0.7	17.4	8.7	50	<0.1	17.4	6.8	289	2.23	7.0	1.3	3.6	1.7	11	0.2	0.4	0.5	49	0.13	0.047
1126051	Soil		0.2	8.8	21.9	49	<0.1	9.5	3.6	458	1.34	4.1	9.1	1.4	5.1	13	0.2	0.3	2.9	24	0.19	0.063
1115872	Soil		1.2	26.2	15.4	77	0.1	19.3	10.1	922	2.61	11.2	12.2	1.9	1.2	16	0.3	0.6	2.2	48	0.16	0.095
1115875	Soil		0.6	13.3	18.1	67	<0.1	15.8	7.1	485	2.10	6.7	5.9	2.7	4.3	11	0.3	0.4	1.1	42	0.17	0.059
1115880	Soil		0.6	15.9	12.5	57	<0.1	16.0	6.2	278	2.08	6.7	3.5	4.4	2.8	14	0.2	0.4	0.8	46	0.19	0.068
1115862	Soil		1.0	20.8	17.1	75	<0.1	23.7	12.0	740	2.65	10.7	4.5	1.9	2.4	12	0.4	0.6	1.1	51	0.15	0.072
1126058	Soil		0.4	15.4	7.1	54	<0.1	16.5	6.8	333	1.81	4.6	2.8	1.7	4.9	15	0.2	0.3	0.4	42	0.24	0.074
1114682	Soil		0.5	13.9	10.2	62	<0.1	16.1	6.9	389	1.83	4.8	4.0	2.4	5.0	19	0.4	0.4	0.6	42	0.27	0.067
1114695	Soil		0.4	11.2	46.7	101	<0.1	14.1	5.8	327	1.74	4.9	2.2	2.1	3.9	12	0.6	0.3	2.6	32	0.16	0.047
1114698	Soil		0.5	19.9	18.6	69	<0.1	19.9	7.9	418	2.53	7.9	3.6	2.1	2.8	13	0.2	0.5	2.0	53	0.15	0.046
1114692	Soil		0.4	11.2	12.1	47	<0.1	12.0	5.5	306	1.86	4.8	2.4	1.8	4.2	9	<0.1	0.3	1.8	37	0.10	0.030
1114693	Soil		1.0	18.9	12.1	73	<0.1	19.3	8.1	357	2.65	8.2	1.6	2.1	1.6	10	0.3	0.5	1.3	57	0.10	0.037
1114694	Soil		0.6	19.7	13.5	74	<0.1	13.3	6.6	546	1.90	6.0	6.1	1.0	1.4	14	0.3	0.4	0.9	36	0.16	0.056
1114697	Soil		0.5	14.1	27.6	78	<0.1	12.3	5.0	593	1.70	4.4	7.3	2.0	3.4	21	0.6	0.4	6.8	34	0.28	0.066
1114696	Soil		0.7	13.1	15.0	72	<0.1	12.6	5.3	247	1.96	5.4	1.9	1.3	2.6	9	0.3	0.4	2.5	40	0.10	0.034
1115836	Soil		0.9	19.8	11.3	65	<0.1	20.6	9.7	382	2.86	9.1	10.8	1.5	3.9	16	0.2	0.5	0.3	56	0.25	0.058
1114689	Soil		0.6	17.3	10.3	60	<0.1	18.7	8.1	484	2.11	5.9	4.0	7.1	3.3	19	0.2	0.4	1.3	46	0.24	0.066
1114691	Soil		0.4	16.8	13.3	58	<0.1	16.5	8.1	416	2.19	6.1	3.8	2.7	4.1	15	0.3	0.4	1.5	42	0.18	0.045
1126054	Soil		0.5	18.1	9.4	78	<0.1	20.2	7.9	269	2.14	5.1	2.7	1.6	4.8	15	0.3	0.4	0.9	47	0.24	0.082
1126063	Soil		0.4	16.1	6.2	49	<0.1	16.4	7.2	553	1.92	5.1	3.3	2.3	3.3	13	0.2	0.3	0.9	41	0.20	0.075

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

Project: ECH
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS DAW11000105.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1115878	Soil	8	19	0.36	94	0.028	2	1.26	0.007	0.04	0.2	0.03	1.7	0.2	<0.05	4	<0.5	<0.2
1115879	Soil	8	17	0.28	82	0.039	2	1.21	0.008	0.04	0.2	0.02	1.5	0.2	<0.05	4	<0.5	<0.2
1115876	Soil	6	14	0.16	76	0.018	2	1.00	0.008	0.04	0.1	0.09	0.8	0.1	0.06	4	<0.5	<0.2
1115871	Soil	9	21	0.40	106	0.057	1	1.42	0.009	0.05	0.2	0.03	1.9	0.1	<0.05	4	<0.5	<0.2
1115877	Soil	8	20	0.33	104	0.017	2	1.45	0.008	0.04	0.2	0.05	1.7	0.2	<0.05	5	<0.5	<0.2
1126052	Soil	10	13	0.22	75	0.026	2	1.04	0.005	0.06	<0.1	0.10	1.2	0.5	<0.05	3	<0.5	<0.2
1126053	Soil	9	19	0.35	72	0.053	1	1.54	0.008	0.05	0.1	0.02	1.6	0.1	<0.05	4	<0.5	<0.2
1126055	Soil	8	23	0.37	75	0.056	1	1.44	0.008	0.04	0.2	0.05	1.8	<0.1	<0.05	4	0.5	<0.2
1115859	Soil	9	16	0.29	61	0.050	1	1.03	0.006	0.05	0.1	0.01	1.5	0.3	<0.05	3	<0.5	<0.2
1115873	Soil	9	20	0.36	93	0.046	2	1.25	0.008	0.06	0.2	0.05	1.8	0.1	<0.05	4	<0.5	<0.2
1126056	Soil	10	23	0.41	76	0.058	<1	1.57	0.007	0.05	0.1	0.04	1.9	0.2	<0.05	5	<0.5	<0.2
1126051	Soil	13	13	0.23	59	0.029	<1	0.84	0.007	0.04	<0.1	0.05	1.6	0.3	<0.05	2	<0.5	<0.2
1115872	Soil	9	23	0.42	126	0.040	2	1.91	0.013	0.07	0.2	0.11	2.1	0.2	0.07	6	0.6	<0.2
1115875	Soil	10	20	0.36	78	0.048	2	1.29	0.008	0.05	0.2	0.03	2.0	0.2	<0.05	4	<0.5	<0.2
1115880	Soil	9	25	0.42	116	0.051	1	1.38	0.007	0.05	0.2	0.02	2.3	0.1	<0.05	4	<0.5	<0.2
1115862	Soil	8	28	0.45	108	0.052	2	1.84	0.010	0.07	0.2	0.05	2.4	0.2	<0.05	5	<0.5	<0.2
1126058	Soil	13	21	0.37	102	0.075	<1	1.21	0.009	0.06	0.1	0.02	2.4	0.1	<0.05	4	<0.5	<0.2
1114682	Soil	12	21	0.37	104	0.067	1	1.06	0.012	0.05	0.2	0.02	2.4	0.1	<0.05	3	<0.5	<0.2
1114695	Soil	10	18	0.36	119	0.027	1	1.37	0.006	0.06	0.1	0.01	2.0	0.1	<0.05	4	<0.5	<0.2
1114698	Soil	10	29	0.47	144	0.040	1	1.89	0.007	0.06	0.1	0.03	3.4	0.2	<0.05	5	<0.5	<0.2
1114692	Soil	11	18	0.29	73	0.037	2	1.31	0.007	0.05	0.1	0.02	1.8	0.2	<0.05	4	<0.5	<0.2
1114693	Soil	8	24	0.38	96	0.050	2	1.84	0.007	0.05	0.1	0.06	1.9	0.1	<0.05	6	<0.5	<0.2
1114694	Soil	8	15	0.31	101	0.044	<1	1.24	0.015	0.04	0.1	0.02	1.6	0.1	<0.05	4	<0.5	<0.2
1114697	Soil	10	19	0.35	120	0.037	<1	1.23	0.009	0.04	0.1	0.01	2.4	0.1	<0.05	4	<0.5	<0.2
1114696	Soil	7	18	0.29	77	0.036	<1	1.33	0.008	0.03	0.1	0.03	1.7	0.1	<0.05	4	<0.5	<0.2
1115836	Soil	13	29	0.57	130	0.084	1	1.90	0.007	0.14	0.2	0.02	3.4	0.3	<0.05	6	<0.5	<0.2
1114689	Soil	11	23	0.40	127	0.066	<1	1.38	0.009	0.05	0.1	<0.01	2.7	0.2	<0.05	4	<0.5	<0.2
1114691	Soil	12	25	0.41	110	0.065	2	1.56	0.008	0.06	0.1	0.02	3.1	0.1	<0.05	4	<0.5	<0.2
1126054	Soil	12	24	0.45	101	0.080	1	1.76	0.009	0.06	0.1	0.04	2.5	0.2	<0.05	5	<0.5	<0.2
1126063	Soil	10	21	0.34	91	0.069	<1	1.23	0.010	0.05	0.1	0.02	2.3	0.1	<0.05	3	<0.5	<0.2

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Project: ECH
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS DAW11000105.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1126065	Soil	0.6	21.2	13.0	68	<0.1	18.7	9.4	653	2.25	7.3	7.4	3.3	2.9	13	0.3	0.5	1.7	46	0.18	0.081
1114677	Soil	0.3	8.9	14.2	46	<0.1	11.3	5.6	227	1.77	4.3	2.8	2.3	4.5	12	0.1	0.3	1.3	33	0.15	0.045
1115864	Soil	0.6	13.1	8.5	41	<0.1	10.4	4.3	268	1.59	4.3	5.0	2.3	0.7	9	0.1	0.4	0.9	38	0.09	0.048
1115869	Soil	0.4	14.4	6.8	54	<0.1	17.6	7.0	319	1.84	5.2	3.3	2.5	2.9	14	0.2	0.4	0.8	43	0.22	0.069
1126057	Soil	0.4	9.9	8.3	55	<0.1	12.5	5.6	275	1.60	3.9	1.7	2.3	3.8	11	<0.1	0.3	0.6	34	0.18	0.062
1126060	Soil	0.5	19.6	9.8	68	<0.1	20.7	8.3	435	2.20	6.7	4.4	3.8	3.6	14	0.3	0.4	1.1	47	0.21	0.082
1115870	Soil	0.8	23.2	12.1	84	<0.1	20.9	8.6	514	2.37	8.8	6.0	2.6	1.8	12	0.3	0.5	1.7	50	0.19	0.095
1126061	Soil	0.6	23.3	7.5	64	<0.1	21.3	8.4	334	2.22	7.5	2.9	3.3	3.1	11	0.2	0.4	0.7	51	0.18	0.061
1115863	Soil	1.2	15.1	11.4	55	<0.1	13.2	5.6	275	2.29	7.8	2.0	1.7	0.9	8	0.3	0.5	0.9	58	0.08	0.049
1114688	Soil	0.9	20.3	7.8	49	<0.1	12.9	5.9	226	1.95	6.2	5.3	<0.5	0.3	11	0.3	0.4	0.7	48	0.10	0.055
1115866	Soil	0.5	18.6	14.2	85	<0.1	15.4	6.6	745	2.21	8.1	9.9	1.4	4.8	14	0.3	0.4	2.4	32	0.22	0.078
1115867	Soil	1.0	20.9	18.2	89	<0.1	19.7	8.4	741	2.76	11.2	17.6	3.2	1.9	16	0.3	0.6	2.3	50	0.19	0.089
1115868	Soil	0.8	16.6	9.6	62	<0.1	16.1	6.8	350	2.40	8.3	2.3	4.1	0.6	10	0.5	0.5	1.1	57	0.11	0.072
1114668	Soil	0.8	17.0	9.5	49	<0.1	19.0	7.7	276	2.56	7.3	1.0	1.2	2.9	11	0.2	0.4	0.8	55	0.15	0.047
1115865	Soil	0.5	15.8	8.4	58	<0.1	18.9	7.5	380	2.06	5.1	7.2	2.9	3.5	12	0.2	0.4	1.1	47	0.20	0.070
1115874	Soil	0.6	14.6	13.7	69	<0.1	15.8	6.6	554	2.10	6.5	6.7	<0.5	2.6	12	0.2	0.4	1.6	44	0.16	0.072
1114690	Soil	0.2	24.5	11.3	71	<0.1	19.1	7.1	144	2.15	4.3	5.5	1.1	3.8	20	0.3	0.5	1.3	54	0.27	0.060
1114667	Soil	0.9	15.2	9.5	58	<0.1	14.3	6.4	360	2.64	6.6	0.9	1.6	1.3	12	0.2	0.5	0.9	65	0.14	0.044
1114685	Soil	0.3	10.7	27.1	101	<0.1	12.4	5.5	305	1.80	3.8	2.6	2.5	4.9	11	0.5	0.4	1.2	33	0.19	0.063
1115835	Soil	0.9	18.6	10.6	74	<0.1	20.7	9.6	440	3.01	7.9	12.0	4.3	3.7	17	<0.1	0.5	0.3	61	0.24	0.069
1114666	Soil	0.8	19.2	11.1	56	<0.1	17.6	8.0	324	2.49	7.6	1.2	1.2	2.1	11	0.2	0.5	0.8	53	0.15	0.062
1114674	Soil	0.6	22.1	10.6	59	<0.1	19.7	9.8	360	2.48	7.1	2.3	1.0	3.1	13	0.2	0.5	0.5	51	0.18	0.059
1114670	Soil	0.7	16.5	9.6	70	<0.1	20.4	8.7	395	2.63	5.9	4.5	0.7	5.4	13	0.2	0.4	0.6	52	0.24	0.084
1115839	Soil	0.6	11.1	8.7	49	<0.1	13.7	5.7	213	2.09	4.3	7.4	1.4	2.3	15	0.1	0.3	0.2	45	0.22	0.060
1115829	Soil	1.5	18.6	12.8	73	0.2	21.8	8.8	333	3.14	7.0	6.6	0.8	2.8	19	0.1	0.5	0.7	69	0.25	0.095
1114672	Soil	0.5	13.9	14.1	86	<0.1	13.8	6.1	498	2.28	4.6	27.9	<0.5	3.8	17	0.3	0.4	0.9	43	0.26	0.086
1115826	Soil	0.8	13.2	10.2	52	<0.1	20.3	8.7	206	2.72	6.0	1.5	5.6	4.4	14	0.2	0.4	0.6	58	0.21	0.057
1115825	Soil	0.8	22.2	9.7	65	<0.1	21.4	9.5	447	2.72	6.6	5.1	1.0	4.8	16	0.2	0.5	0.3	60	0.26	0.085
1115833	Soil	0.5	14.9	8.5	56	<0.1	15.2	6.3	200	2.37	5.6	9.5	<0.5	1.9	14	0.2	0.4	0.2	48	0.21	0.068
1115840	Soil	0.5	10.6	7.9	53	<0.1	13.8	5.8	233	2.08	3.5	7.2	1.4	2.2	15	0.1	0.2	0.2	44	0.22	0.064

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1126065	Soil	9	22	0.36	91	0.059	1	1.53	0.009	0.05	0.2	0.03	2.4	0.2	<0.05	4	<0.5	<0.2
1114677	Soil	11	19	0.32	94	0.035	<1	1.42	0.006	0.05	0.1	0.02	2.0	0.2	<0.05	4	<0.5	<0.2
1115864	Soil	8	17	0.23	67	0.033	<1	1.02	0.010	0.03	<0.1	0.05	1.2	0.2	<0.05	4	<0.5	<0.2
1115869	Soil	9	19	0.37	82	0.062	<1	1.13	0.009	0.04	0.2	0.03	1.7	0.1	<0.05	3	<0.5	<0.2
1126057	Soil	11	17	0.30	62	0.055	1	1.14	0.007	0.05	0.1	0.03	1.5	0.2	<0.05	4	<0.5	<0.2
1126060	Soil	10	23	0.41	105	0.069	1	1.58	0.009	0.05	0.2	0.03	2.3	0.1	<0.05	4	<0.5	<0.2
1115870	Soil	10	21	0.37	96	0.044	<1	1.67	0.008	0.06	0.2	0.07	1.6	0.2	0.17	5	<0.5	<0.2
1126061	Soil	10	24	0.36	112	0.066	2	1.51	0.008	0.06	0.1	0.03	2.4	0.1	0.08	4	<0.5	<0.2
1115863	Soil	7	20	0.21	71	0.042	2	1.36	0.006	0.05	<0.1	0.07	1.2	0.2	0.11	6	<0.5	<0.2
1114688	Soil	7	19	0.25	94	0.036	2	1.35	0.013	0.04	<0.1	0.05	1.2	<0.1	0.07	5	0.6	<0.2
1115866	Soil	13	16	0.31	153	0.028	1	1.64	0.006	0.12	0.1	0.04	2.3	0.3	<0.05	5	<0.5	<0.2
1115867	Soil	9	24	0.32	141	0.035	2	1.61	0.008	0.08	0.2	0.11	2.0	0.2	<0.05	6	0.6	<0.2
1115868	Soil	8	23	0.30	75	0.048	1	1.33	0.006	0.05	0.1	0.08	1.3	0.1	0.06	5	0.6	<0.2
1114668	Soil	8	29	0.38	66	0.073	1	2.11	0.007	0.06	0.2	0.07	2.3	0.1	<0.05	5	<0.5	<0.2
1115865	Soil	11	21	0.33	87	0.062	<1	1.29	0.009	0.06	0.1	0.04	1.8	0.2	<0.05	4	<0.5	<0.2
1115874	Soil	10	19	0.29	100	0.039	1	1.30	0.008	0.06	0.1	0.04	1.6	0.2	<0.05	4	<0.5	<0.2
1114690	Soil	13	29	0.43	180	0.080	<1	1.69	0.011	0.06	0.1	0.03	3.7	0.1	<0.05	5	<0.5	<0.2
1114667	Soil	8	22	0.26	88	0.069	2	1.35	0.007	0.06	0.1	0.06	1.6	0.1	<0.05	7	<0.5	<0.2
1114685	Soil	13	18	0.32	67	0.038	1	1.34	0.006	0.09	0.1	0.03	1.6	0.3	<0.05	4	<0.5	<0.2
1115835	Soil	13	30	0.59	144	0.094	1	1.78	0.008	0.16	0.2	0.02	3.4	0.3	<0.05	7	<0.5	<0.2
1114666	Soil	9	27	0.37	70	0.056	2	2.20	0.008	0.06	0.1	0.07	2.3	0.2	<0.05	5	0.5	<0.2
1114674	Soil	10	28	0.46	91	0.064	1	2.08	0.011	0.07	0.2	0.04	2.5	0.1	<0.05	5	<0.5	<0.2
1114670	Soil	16	26	0.52	108	0.082	2	1.67	0.009	0.20	0.1	0.04	3.1	0.5	<0.05	6	<0.5	<0.2
1115839	Soil	11	23	0.42	98	0.080	1	1.36	0.007	0.08	0.2	0.02	2.2	0.2	<0.05	5	<0.5	<0.2
1115829	Soil	16	41	0.59	179	0.076	1	1.92	0.013	0.16	0.3	0.06	3.4	0.3	0.05	7	<0.5	<0.2
1114672	Soil	11	18	0.30	87	0.056	<1	1.20	0.009	0.07	0.1	0.02	2.0	0.2	<0.05	4	<0.5	<0.2
1115826	Soil	11	29	0.54	115	0.104	1	1.99	0.009	0.09	0.3	0.03	2.9	0.2	<0.05	6	<0.5	<0.2
1115825	Soil	18	28	0.55	145	0.093	<1	1.70	0.010	0.13	0.4	0.03	3.5	0.2	<0.05	6	<0.5	<0.2
1115833	Soil	9	24	0.43	98	0.067	<1	1.55	0.008	0.11	0.2	0.04	2.3	0.2	<0.05	6	0.5	<0.2
1115840	Soil	10	23	0.39	98	0.076	1	1.41	0.007	0.08	0.2	0.02	2.0	0.2	<0.05	5	<0.5	<0.2

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

Project: ECH
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS DAW11000105.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1114683	Soil	0.3	7.0	24.0	140	<0.1	6.5	3.8	790	1.68	2.7	3.6	<0.5	5.7	17	0.6	0.3	1.3	18	0.21	0.071
1114686	Soil	0.5	8.2	12.0	63	<0.1	13.0	5.7	527	1.79	4.6	2.6	<0.5	4.7	10	0.3	0.6	1.0	37	0.16	0.051
1114673	Soil	0.2	22.3	13.4	75	<0.1	18.1	7.2	231	1.95	3.5	38.7	2.8	5.0	22	0.3	0.5	0.9	47	0.35	0.086
1115830	Soil	0.9	23.8	9.7	65	0.1	21.1	8.6	215	2.52	4.9	9.7	3.3	6.0	17	0.1	0.5	1.1	62	0.30	0.091
1114680	Soil	0.7	12.2	13.8	72	<0.1	16.0	8.0	345	2.69	6.1	1.0	<0.5	2.9	11	0.2	0.5	1.1	54	0.14	0.031
1115824	Soil	0.9	19.8	9.7	56	<0.1	22.4	12.6	537	3.15	7.9	4.1	4.2	3.2	14	0.1	0.5	0.3	64	0.17	0.053
1114687	Soil	0.6	18.7	9.1	55	<0.1	20.6	7.8	325	2.42	6.0	1.6	8.4	2.7	14	0.2	0.5	0.5	50	0.19	0.062
1115828	Soil	1.1	18.9	12.3	72	<0.1	19.6	9.0	511	2.66	3.7	9.6	<0.5	5.3	15	0.2	0.4	0.4	53	0.23	0.068
1126131	Soil	0.6	22.8	8.2	58	<0.1	21.8	12.0	468	2.86	3.2	1.9	<0.5	4.5	15	0.2	0.3	0.2	63	0.26	0.072
1126133	Soil	0.6	22.4	9.4	66	<0.1	23.0	11.6	458	3.36	6.2	1.8	3.3	4.1	22	0.1	0.4	0.2	65	0.35	0.101
1114684	Soil	0.3	8.0	24.2	128	<0.1	7.5	4.0	817	1.74	2.4	3.4	<0.5	5.4	17	0.5	0.3	1.3	19	0.22	0.073
1115832	Soil	0.3	19.1	8.5	52	<0.1	16.9	6.9	181	2.72	5.1	4.1	0.6	5.5	14	0.2	0.5	0.2	49	0.25	0.069
1126130	Soil	0.8	17.1	10.0	50	0.2	21.7	10.8	324	3.22	7.7	1.0	1.8	4.4	12	0.3	0.5	0.2	67	0.21	0.061
1126132	Soil	0.8	25.1	9.6	68	<0.1	24.8	12.0	478	3.38	7.9	2.2	2.4	4.2	24	0.1	0.5	0.3	67	0.39	0.108
1115823	Soil	1.0	18.3	12.3	59	<0.1	17.7	8.9	465	2.69	7.4	4.2	4.1	4.1	11	0.2	0.6	0.5	51	0.22	0.072
1115831	Soil	0.5	20.4	10.3	55	<0.1	19.4	8.8	195	2.58	7.3	7.0	3.2	5.0	16	0.1	0.5	0.3	59	0.27	0.075
1126129	Soil	0.8	16.8	10.8	52	<0.1	20.0	10.6	402	2.79	6.6	1.8	1.1	4.5	14	0.2	0.4	0.2	59	0.20	0.048
1126103	Soil	0.9	23.0	12.5	55	<0.1	22.2	9.7	312	2.82	9.2	1.3	1.7	2.2	11	0.1	0.6	0.2	62	0.12	0.035
1114671	Soil	0.6	18.4	10.9	58	<0.1	20.0	9.3	331	2.42	7.4	2.9	4.4	3.7	13	0.2	0.5	0.6	51	0.17	0.050
1115827	Soil	1.3	16.7	10.7	68	<0.1	18.3	9.4	440	2.95	8.6	2.0	12.6	3.7	16	0.1	0.5	0.6	67	0.26	0.054
1126126	Soil	0.7	16.4	11.4	59	<0.1	20.0	9.6	532	2.48	7.5	2.3	3.2	3.8	11	0.2	0.4	3.4	49	0.21	0.045
1126128	Soil	0.7	20.1	9.3	55	<0.1	22.3	10.9	349	2.73	7.0	2.0	2.1	4.5	18	0.2	0.5	0.2	57	0.29	0.063
1114679	Soil	0.4	11.5	14.1	69	<0.1	12.1	5.9	396	2.12	5.2	7.8	1.5	5.6	17	0.2	0.6	2.5	36	0.24	0.058
1114681	Soil	0.4	11.7	13.0	77	<0.1	14.2	5.9	306	1.94	4.3	3.0	1.7	2.7	13	0.3	0.4	0.8	39	0.17	0.057
1126127	Soil	0.5	16.7	10.5	49	<0.1	21.6	9.5	284	2.48	5.1	2.1	0.8	4.5	18	<0.1	0.3	0.2	52	0.29	0.062
1115821	Soil	1.0	19.7	8.7	61	<0.1	18.5	9.6	389	2.60	6.6	2.9	4.2	3.2	16	0.2	0.4	0.4	55	0.26	0.083
1114676	Soil	0.6	7.7	11.9	36	<0.1	6.0	2.5	125	1.54	4.1	1.3	0.7	3.7	7	<0.1	0.4	1.3	48	0.07	0.018
1114669	Soil	0.5	19.8	8.1	54	<0.1	21.5	8.5	275	2.36	6.6	1.4	1.8	3.6	14	0.2	0.4	0.7	46	0.21	0.059
1115814	Soil	0.4	10.8	7.3	43	<0.1	12.8	6.1	196	1.45	1.9	3.1	0.7	2.1	11	0.2	0.2	0.6	36	0.18	0.064
1114675	Soil	0.5	11.0	9.2	45	<0.1	12.8	5.0	175	1.90	4.9	1.2	2.0	3.1	12	0.1	0.3	0.5	39	0.18	0.059

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Project: ECH
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS DAW11000105.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1114683	Soil		13	9	0.14	89	0.008	2	0.83	0.005	0.06	<0.1	0.04	1.2	0.4	<0.05	3	<0.5	<0.2
1114686	Soil		12	16	0.22	70	0.048	1	1.00	0.006	0.05	0.1	0.03	1.2	0.1	<0.05	4	<0.5	<0.2
1114673	Soil		13	24	0.38	152	0.073	1	1.23	0.013	0.09	0.2	0.03	3.3	0.2	<0.05	4	<0.5	<0.2
1115830	Soil		20	42	0.65	150	0.110	<1	1.85	0.010	0.19	0.5	0.04	4.6	0.3	<0.05	6	<0.5	<0.2
1114680	Soil		7	22	0.34	76	0.072	<1	1.70	0.007	0.05	0.1	0.04	1.9	0.1	<0.05	6	<0.5	<0.2
1115824	Soil		14	30	0.56	152	0.085	2	2.06	0.009	0.07	0.2	0.02	3.3	0.2	<0.05	7	<0.5	<0.2
1114687	Soil		10	25	0.41	107	0.069	<1	1.64	0.008	0.07	0.2	0.06	2.2	0.1	<0.05	5	<0.5	<0.2
1115828	Soil		17	33	0.56	143	0.094	<1	1.69	0.008	0.18	0.3	0.03	4.1	0.3	<0.05	6	<0.5	<0.2
1126131	Soil		16	32	0.68	154	0.118	<1	1.90	0.011	0.25	0.1	0.02	3.5	0.3	<0.05	7	<0.5	<0.2
1126133	Soil		18	35	0.69	218	0.105	2	2.25	0.011	0.21	0.2	0.03	4.4	0.3	<0.05	8	<0.5	<0.2
1114684	Soil		13	10	0.16	91	0.010	1	0.92	0.005	0.06	<0.1	0.03	1.4	0.4	<0.05	3	<0.5	<0.2
1115832	Soil		14	25	0.46	132	0.115	<1	1.65	0.009	0.19	0.1	0.02	3.1	0.3	<0.05	6	<0.5	<0.2
1126130	Soil		12	36	0.60	125	0.117	2	2.52	0.009	0.14	0.2	0.08	3.7	0.2	<0.05	7	<0.5	<0.2
1126132	Soil		20	37	0.73	247	0.104	2	2.28	0.011	0.21	0.2	0.03	4.9	0.3	<0.05	8	<0.5	<0.2
1115823	Soil		11	24	0.46	84	0.082	2	1.65	0.009	0.11	0.3	0.05	2.6	0.2	<0.05	5	<0.5	<0.2
1115831	Soil		13	30	0.58	166	0.114	2	1.85	0.009	0.18	0.2	0.05	4.2	0.3	<0.05	6	<0.5	<0.2
1126129	Soil		13	29	0.54	139	0.095	2	1.85	0.009	0.16	0.1	0.02	3.4	0.2	<0.05	6	<0.5	<0.2
1126103	Soil		12	30	0.54	102	0.069	2	2.10	0.008	0.07	0.1	0.04	3.1	0.1	<0.05	6	<0.5	<0.2
1114671	Soil		10	25	0.45	108	0.068	2	1.89	0.009	0.06	0.1	0.03	2.6	0.1	<0.05	5	<0.5	<0.2
1115827	Soil		13	30	0.63	134	0.119	2	1.59	0.009	0.18	0.3	0.02	3.1	0.2	<0.05	7	<0.5	<0.2
1126126	Soil		10	28	0.55	129	0.077	2	1.92	0.008	0.13	0.1	0.02	3.3	0.2	<0.05	5	<0.5	<0.2
1126128	Soil		16	32	0.64	196	0.099	<1	1.91	0.010	0.12	0.1	0.03	3.9	0.2	<0.05	6	<0.5	<0.2
1114679	Soil		12	19	0.38	128	0.051	<1	1.43	0.007	0.11	0.1	0.02	2.3	0.4	<0.05	5	<0.5	<0.2
1114681	Soil		10	21	0.36	73	0.052	2	1.41	0.008	0.06	0.1	0.03	1.8	0.2	<0.05	4	<0.5	<0.2
1126127	Soil		17	43	0.61	199	0.107	<1	1.93	0.011	0.19	0.2	0.03	4.1	0.3	<0.05	6	<0.5	<0.2
1115821	Soil		12	27	0.51	145	0.094	1	1.70	0.011	0.15	0.3	0.03	2.9	0.3	<0.05	6	<0.5	<0.2
1114676	Soil		10	13	0.17	38	0.052	2	1.07	0.005	0.04	0.1	0.02	1.2	0.1	<0.05	6	<0.5	<0.2
1114669	Soil		9	26	0.51	90	0.071	2	1.81	0.010	0.06	0.1	0.03	2.7	<0.1	<0.05	4	<0.5	<0.2
1115814	Soil		11	19	0.42	126	0.077	2	1.41	0.009	0.09	0.5	0.03	2.5	0.3	<0.05	5	<0.5	<0.2
1114675	Soil		9	21	0.37	57	0.056	1	1.77	0.008	0.05	0.1	0.04	2.1	0.1	<0.05	5	<0.5	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1115822	Soil	0.9	20.6	13.0	70	<0.1	16.0	8.3	541	2.84	5.7	4.4	2.0	5.0	15	<0.1	0.5	0.9	49	0.30	0.092
1114678	Soil	0.2	8.8	20.9	62	<0.1	7.5	7.0	513	1.71	5.0	1.9	10.3	10.9	17	<0.1	1.0	0.7	28	0.34	0.083
1126109	Soil	1.1	16.0	11.3	80	<0.1	18.0	9.9	469	3.66	5.5	3.1	1.1	5.5	19	0.2	0.4	0.4	71	0.30	0.083
1126105	Soil	0.8	20.0	11.7	58	<0.1	19.2	10.1	501	2.96	5.7	3.4	2.1	7.2	11	<0.1	0.4	0.4	52	0.19	0.054
1115820	Soil	0.9	20.4	10.9	63	<0.1	23.1	10.3	234	2.78	5.9	3.9	2.4	4.3	16	0.1	0.6	0.3	56	0.26	0.072
1126104	Soil	1.0	21.5	13.4	60	<0.1	24.6	10.5	365	2.66	8.5	0.8	3.0	1.9	10	0.2	0.6	0.5	55	0.10	0.036
1115810	Soil	0.8	16.5	10.1	51	<0.1	17.1	7.4	216	3.03	8.3	2.3	4.0	1.7	14	0.1	0.4	0.7	57	0.16	0.067
1126122	Soil	0.3	10.8	16.9	46	<0.1	13.8	5.7	166	1.88	4.5	2.0	1.7	3.4	13	0.2	0.4	1.9	41	0.18	0.042
1126124	Soil	0.7	14.7	11.7	53	<0.1	17.2	6.8	390	2.03	4.9	2.3	1.4	2.8	13	0.1	0.4	1.2	43	0.17	0.051
1115837	Soil	0.8	11.4	6.9	34	0.1	9.3	5.1	218	1.64	3.4	11.7	1.0	0.7	13	<0.1	0.3	0.2	35	0.12	0.047
1115819	Soil	1.3	19.4	12.0	54	0.1	20.1	9.4	213	3.17	6.8	4.9	2.2	4.3	13	<0.1	0.5	0.5	58	0.22	0.064
1126118	Soil	0.7	16.8	23.9	59	<0.1	14.6	6.4	311	2.09	6.7	6.3	1.3	0.9	14	0.2	0.5	1.2	43	0.16	0.064
1126120	Soil	0.7	17.8	17.2	60	<0.1	18.3	6.8	208	2.44	7.5	4.4	1.5	2.6	12	0.1	0.7	1.0	51	0.16	0.050
1126125	Soil	0.6	16.2	14.1	52	<0.1	17.7	8.1	381	2.38	5.8	3.0	3.0	3.2	12	0.3	0.5	1.2	51	0.17	0.048
1115812	Soil	0.4	15.3	8.6	45	<0.1	15.5	5.4	176	1.35	1.2	2.9	<0.5	2.1	13	0.2	0.3	0.6	36	0.17	0.056
1126111	Soil	0.9	18.9	18.1	122	<0.1	28.4	22.7	1359	6.31	7.0	10.2	0.9	11.6	28	0.2	0.3	1.2	65	0.27	0.103
1126116	Soil	1.0	15.0	21.0	50	<0.1	16.2	7.0	456	2.00	5.5	3.3	2.8	2.5	11	0.2	0.5	1.5	43	0.14	0.044
1115816	Soil	0.7	14.4	8.8	52	<0.1	16.6	8.2	278	1.94	3.7	2.1	2.6	3.8	13	0.1	0.5	0.5	50	0.22	0.069
1115818	Soil	0.3	13.5	2.8	31	<0.1	2.7	3.3	87	1.40	1.8	0.4	0.7	0.2	12	<0.1	0.1	<0.1	38	0.12	0.042
1126108	Soil	1.1	19.9	14.9	76	<0.1	23.8	11.7	1150	3.32	7.6	2.4	5.3	4.2	12	0.2	0.5	0.4	63	0.13	0.040
1115834	Soil	0.8	17.2	10.3	71	<0.1	19.8	9.6	413	3.01	8.1	12.5	3.9	4.6	20	0.1	0.5	0.3	63	0.27	0.076
1126114	Soil	0.8	14.7	32.8	86	<0.1	17.7	8.7	367	2.24	7.0	4.4	2.5	4.1	12	0.5	0.4	2.3	48	0.13	0.036
1113174	Soil	0.5	11.5	13.0	67	<0.1	15.2	6.4	458	1.98	4.6	5.8	3.9	4.5	11	0.3	0.3	1.9	40	0.15	0.041
1113168	Soil	0.8	12.2	14.2	62	<0.1	13.5	6.0	157	3.36	24.3	6.2	1.7	5.4	18	0.2	0.5	2.4	75	0.26	0.079
1126115	Soil	1.5	15.3	15.2	62	0.1	13.5	5.9	385	3.03	8.1	2.3	1.4	1.0	12	0.2	0.6	2.3	75	0.12	0.050
1126123	Soil	1.0	11.7	14.7	54	<0.1	12.4	7.0	451	2.42	5.9	2.4	0.9	4.2	12	0.2	0.4	1.5	56	0.14	0.050
1113172	Soil	0.4	13.5	12.3	51	<0.1	15.0	7.1	184	1.97	4.9	1.9	2.6	6.3	13	0.2	0.4	1.4	42	0.17	0.035
1126113	Soil	0.3	5.9	32.4	34	<0.1	3.7	2.0	522	0.87	2.1	9.2	1.7	4.4	12	0.1	0.4	5.4	10	0.12	0.052
1113175	Soil	0.8	12.2	16.0	55	<0.1	12.8	6.1	340	2.28	6.0	3.0	1.9	2.4	9	0.2	0.4	1.9	47	0.10	0.046
1126121	Soil	0.6	9.4	17.2	48	<0.1	12.1	5.8	246	2.07	6.2	2.3	1.9	5.2	15	0.2	0.4	1.1	47	0.22	0.053

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

Project: ECH
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS DAW11000105.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1115822	Soil	15	24	0.54	158	0.083	<1	1.82	0.009	0.31	0.3	0.03	3.4	0.5	<0.05	7	<0.5	<0.2
1114678	Soil	34	13	0.35	105	0.042	<1	1.32	0.004	0.20	<0.1	0.01	3.6	0.3	<0.05	5	<0.5	<0.2
1126109	Soil	17	34	1.00	261	0.138	<1	2.09	0.011	0.51	0.2	0.03	4.6	0.5	<0.05	10	<0.5	<0.2
1126105	Soil	19	26	0.58	78	0.086	<1	1.85	0.008	0.19	0.1	0.02	3.1	0.2	<0.05	5	<0.5	<0.2
1115820	Soil	14	36	0.68	148	0.133	<1	2.02	0.010	0.19	0.2	0.04	4.0	0.3	<0.05	7	<0.5	<0.2
1126104	Soil	7	28	0.52	95	0.063	1	2.11	0.007	0.06	0.1	0.06	2.5	<0.1	<0.05	5	<0.5	<0.2
1115810	Soil	11	26	0.45	132	0.058	1	1.76	0.009	0.06	0.2	0.03	2.5	0.2	<0.05	6	<0.5	<0.2
1126122	Soil	10	22	0.37	106	0.043	<1	1.54	0.006	0.05	0.1	0.03	2.2	0.1	<0.05	5	<0.5	<0.2
1126124	Soil	10	23	0.39	121	0.053	1	1.35	0.009	0.05	0.2	0.02	2.1	0.1	<0.05	4	<0.5	<0.2
1115837	Soil	7	17	0.30	88	0.048	<1	1.15	0.014	0.07	0.1	0.04	1.7	0.2	<0.05	4	<0.5	<0.2
1115819	Soil	14	35	0.63	148	0.119	<1	1.98	0.010	0.20	0.3	0.06	4.0	0.4	<0.05	8	0.6	<0.2
1126118	Soil	8	19	0.33	132	0.026	<1	1.39	0.009	0.04	0.1	0.02	1.4	0.1	<0.05	4	<0.5	<0.2
1126120	Soil	11	28	0.47	129	0.034	2	1.98	0.007	0.06	0.1	0.03	3.1	0.2	<0.05	6	<0.5	<0.2
1126125	Soil	10	27	0.42	110	0.062	2	1.89	0.008	0.06	0.1	0.03	2.9	0.2	<0.05	5	<0.5	<0.2
1115812	Soil	10	22	0.44	124	0.078	1	1.58	0.008	0.08	0.1	0.03	2.6	0.2	<0.05	6	<0.5	<0.2
1126111	Soil	24	27	0.56	405	0.026	<1	1.59	0.008	0.43	<0.1	0.06	9.7	0.9	<0.05	7	<0.5	<0.2
1126116	Soil	10	22	0.36	108	0.043	1	1.45	0.008	0.05	0.1	0.03	2.3	0.1	<0.05	4	<0.5	<0.2
1115816	Soil	11	26	0.50	95	0.103	<1	1.81	0.007	0.09	0.2	0.03	2.6	0.2	<0.05	6	<0.5	<0.2
1115818	Soil	3	6	0.10	30	0.057	<1	0.67	0.028	0.03	<0.1	0.01	0.5	<0.1	<0.05	3	<0.5	<0.2
1126108	Soil	13	34	0.62	231	0.080	1	2.22	0.010	0.16	0.2	0.06	3.0	0.2	<0.05	7	0.7	<0.2
1115834	Soil	15	31	0.66	148	0.100	2	2.03	0.011	0.16	0.2	0.02	3.6	0.3	<0.05	7	<0.5	<0.2
1126114	Soil	10	27	0.42	87	0.047	2	1.90	0.009	0.07	0.1	0.04	2.6	0.2	<0.05	4	<0.5	<0.2
1113174	Soil	12	22	0.34	79	0.052	1	1.51	0.008	0.06	<0.1	0.04	2.0	0.2	<0.05	4	<0.5	<0.2
1113168	Soil	12	27	0.43	114	0.053	2	1.63	0.011	0.08	0.1	0.03	2.8	0.2	<0.05	5	<0.5	<0.2
1126115	Soil	9	26	0.30	98	0.053	2	1.84	0.009	0.07	0.1	0.08	1.7	0.1	<0.05	8	<0.5	<0.2
1126123	Soil	14	25	0.36	98	0.064	2	1.74	0.008	0.10	0.1	0.02	2.2	0.3	<0.05	7	<0.5	<0.2
1113172	Soil	11	25	0.41	82	0.065	2	1.99	0.012	0.07	0.1	0.03	2.3	0.3	<0.05	4	0.5	<0.2
1126113	Soil	7	6	0.08	50	0.005	<1	0.67	0.004	0.09	<0.1	0.01	0.6	0.1	<0.05	2	<0.5	<0.2
1113175	Soil	8	20	0.28	59	0.041	1	1.79	0.007	0.05	0.1	0.06	1.6	0.1	<0.05	5	<0.5	<0.2
1126121	Soil	13	22	0.37	93	0.046	1	1.61	0.009	0.08	0.1	0.03	2.3	0.2	<0.05	5	<0.5	<0.2

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Vancouver BC V6C 1H2 Canada

Project: ECH
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS DAW11000105.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1114361	Soil		1.2	12.8	14.1	53	<0.1	17.3	8.0	346	2.72	7.1	1.7	2.0	2.9	12	0.2	0.5	1.2	64	0.12	0.033
1113170	Soil		0.7	11.5	17.3	50	0.1	16.0	7.7	356	2.48	7.4	1.9	2.6	4.4	12	0.2	0.4	2.4	47	0.14	0.048
1113173	Soil		0.7	11.2	11.5	53	<0.1	15.0	8.0	395	2.11	5.0	1.5	3.0	4.3	12	0.2	0.4	1.1	46	0.16	0.044
1126119	Soil		0.7	19.1	18.6	69	0.2	18.5	7.3	279	2.51	6.7	28.3	2.5	6.0	25	0.2	0.6	1.6	54	0.35	0.063
1114369	Soil		0.7	10.1	13.3	48	<0.1	13.9	7.8	386	2.44	3.6	1.5	2.2	8.4	14	0.2	0.3	0.4	52	0.22	0.064
1113163	Soil		0.6	13.8	10.8	65	<0.1	15.9	6.7	381	2.22	6.3	7.1	1.7	3.7	15	0.2	0.4	1.6	49	0.21	0.057
1113171	Soil		0.4	21.8	12.0	64	0.1	15.9	5.5	241	2.23	6.3	9.1	3.4	6.3	22	0.2	0.5	1.8	48	0.30	0.053
1126117	Soil		1.4	12.9	14.2	47	<0.1	12.1	4.8	193	2.87	7.8	1.2	3.6	2.3	11	0.2	0.6	1.1	79	0.10	0.037
1113176	Soil		0.6	15.4	13.7	58	<0.1	18.6	8.2	371	2.25	5.9	3.2	5.4	4.1	18	0.3	0.4	1.6	51	0.27	0.063
1126112	Soil		0.5	16.0	29.1	67	<0.1	13.8	7.5	349	1.95	3.8	3.7	1.7	5.1	17	0.3	0.3	1.7	40	0.25	0.064
1126107	Soil		1.1	20.9	11.8	60	<0.1	23.5	11.6	439	3.22	9.0	1.4	1.5	3.7	13	0.1	0.5	0.2	70	0.15	0.051
1114360	Soil		1.2	13.5	16.1	56	<0.1	17.4	8.1	433	2.71	6.4	2.3	1.9	3.7	12	0.2	0.5	1.4	62	0.13	0.029
1113178	Soil		0.6	13.1	20.1	76	<0.1	14.9	6.5	510	2.15	5.2	6.5	2.3	6.5	25	0.3	0.4	2.5	40	0.32	0.063
1113179	Soil		0.5	15.9	11.6	66	<0.1	19.7	8.4	461	2.33	5.5	3.6	3.7	6.0	22	0.3	0.4	0.9	53	0.32	0.067
1113181	Soil		0.8	21.8	15.0	78	0.2	23.6	9.0	441	2.88	8.6	4.5	6.6	4.6	20	0.2	0.5	1.4	62	0.28	0.075
1114362	Soil		1.1	10.4	12.5	37	<0.1	10.2	4.5	236	2.00	4.2	1.1	2.4	2.3	13	0.2	0.4	1.7	55	0.13	0.034
1115817	Soil		0.9	17.1	13.2	56	0.1	20.0	9.4	306	3.04	7.2	6.1	5.9	3.4	16	<0.1	0.5	0.5	66	0.22	0.076
1126102	Soil		0.7	27.1	9.6	62	<0.1	28.6	13.2	454	3.35	6.6	2.2	2.8	8.0	18	0.2	0.4	0.2	66	0.27	0.061
1126101	Soil		0.9	12.8	18.9	54	<0.1	13.7	7.0	324	2.76	5.3	2.4	1.7	2.7	11	0.2	0.4	0.9	56	0.14	0.044
1126106	Soil		0.7	25.9	10.6	63	<0.1	26.7	10.6	465	2.88	6.6	2.3	2.5	5.2	13	<0.1	0.5	0.3	62	0.16	0.031
1113182	Soil		0.7	17.8	11.9	71	<0.1	19.5	8.5	269	2.37	5.9	5.6	2.9	5.5	23	0.3	0.4	1.4	54	0.33	0.080
1113180	Soil		0.7	17.8	11.2	63	<0.1	21.8	8.5	395	2.54	6.9	4.2	3.8	5.2	17	0.3	0.4	0.8	59	0.23	0.060
1126110	Soil		0.8	16.4	12.6	65	<0.1	19.6	11.7	495	2.96	6.6	3.0	2.8	6.6	12	0.2	0.4	0.3	59	0.16	0.042
1114357	Soil		0.5	13.8	21.8	54	<0.1	15.8	7.1	609	2.09	4.2	3.8	0.7	4.6	12	0.2	0.3	1.4	41	0.15	0.040
1115813	Soil		0.4	13.1	8.8	47	<0.1	14.1	5.3	156	1.33	1.9	2.7	1.5	1.6	13	0.1	0.3	0.6	40	0.17	0.063
1115815	Soil		0.3	20.7	8.9	55	<0.1	15.1	6.0	178	1.77	3.7	2.4	1.6	5.2	17	0.1	0.4	0.7	48	0.27	0.077
1115811	Soil		0.6	15.0	9.0	45	<0.1	14.5	4.8	145	1.60	5.2	2.1	5.6	1.8	12	0.1	0.4	0.7	55	0.17	0.058
1114342	Soil		0.4	15.5	16.7	43	<0.1	16.5	6.0	204	1.81	4.8	1.7	0.6	3.5	12	0.2	0.3	1.3	41	0.17	0.047
1113193	Soil		0.5	11.1	9.0	53	<0.1	13.7	6.6	193	2.15	6.5	1.2	1.3	1.9	17	0.1	0.3	0.7	52	0.19	0.060
1113192	Soil		0.5	12.5	9.4	56	<0.1	14.1	9.4	408	2.80	5.9	1.4	2.2	2.1	17	0.1	0.4	0.7	50	0.19	0.065

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1114361	Soil	10	27	0.37	101	0.058	1	2.35	0.008	0.05	0.2	0.03	2.2	0.1	<0.05	7	<0.5	<0.2
1113170	Soil	9	26	0.35	80	0.040	1	2.52	0.007	0.07	0.1	0.07	2.3	0.3	<0.05	6	0.5	<0.2
1113173	Soil	10	23	0.37	69	0.065	1	1.84	0.010	0.06	0.1	0.03	2.1	0.2	<0.05	5	<0.5	<0.2
1126119	Soil	15	29	0.45	233	0.062	2	1.78	0.013	0.08	0.2	0.05	4.4	0.2	<0.05	5	<0.5	<0.2
1114369	Soil	22	26	0.54	111	0.090	1	1.89	0.008	0.19	0.1	0.02	2.5	0.2	<0.05	8	<0.5	<0.2
1113163	Soil	11	22	0.40	101	0.055	1	1.60	0.010	0.06	0.1	0.04	2.1	0.2	<0.05	5	<0.5	<0.2
1113171	Soil	15	29	0.42	158	0.062	<1	1.63	0.012	0.10	0.1	0.04	4.3	0.2	<0.05	5	0.5	<0.2
1126117	Soil	10	24	0.24	85	0.064	<1	1.76	0.007	0.05	0.1	0.07	1.9	0.1	<0.05	8	<0.5	<0.2
1113176	Soil	11	26	0.44	89	0.075	2	1.46	0.013	0.07	0.2	0.04	2.5	0.1	<0.05	4	<0.5	<0.2
1126112	Soil	14	23	0.42	125	0.057	<1	1.45	0.009	0.09	0.1	0.04	2.7	0.2	<0.05	4	<0.5	<0.2
1126107	Soil	13	35	0.64	110	0.094	2	2.55	0.012	0.13	0.2	0.05	3.5	0.2	<0.05	7	0.5	<0.2
1114360	Soil	11	27	0.39	98	0.064	<1	2.19	0.008	0.05	0.1	0.03	2.2	0.2	<0.05	7	<0.5	<0.2
1113178	Soil	13	22	0.39	128	0.045	<1	1.34	0.011	0.06	0.1	<0.01	2.3	0.1	<0.05	4	<0.5	<0.2
1113179	Soil	15	26	0.46	148	0.076	<1	1.47	0.014	0.06	0.2	0.02	2.6	0.1	<0.05	4	<0.5	<0.2
1113181	Soil	14	32	0.54	196	0.065	<1	2.11	0.012	0.08	0.2	0.05	3.6	0.2	<0.05	6	<0.5	<0.2
1114362	Soil	10	19	0.23	88	0.045	<1	1.39	0.007	0.06	0.1	0.04	1.5	0.1	<0.05	6	<0.5	<0.2
1115817	Soil	13	34	0.62	141	0.098	2	2.44	0.012	0.11	0.2	0.06	3.4	0.3	<0.05	7	<0.5	<0.2
1126102	Soil	21	40	0.77	217	0.110	1	2.61	0.013	0.20	0.1	0.02	4.8	0.3	<0.05	7	<0.5	<0.2
1126101	Soil	11	24	0.39	84	0.059	<1	1.78	0.008	0.09	0.1	0.04	2.2	0.2	<0.05	6	<0.5	<0.2
1126106	Soil	20	37	0.60	121	0.096	<1	2.32	0.011	0.09	0.1	0.03	4.4	0.2	<0.05	6	<0.5	<0.2
1113182	Soil	15	29	0.45	188	0.071	1	1.58	0.014	0.07	0.2	0.05	3.4	0.1	<0.05	5	<0.5	<0.2
1113180	Soil	14	31	0.50	166	0.072	1	2.09	0.011	0.06	0.2	0.04	3.2	0.2	<0.05	6	<0.5	<0.2
1126110	Soil	19	31	0.70	116	0.105	1	1.98	0.011	0.19	0.2	0.04	3.7	0.3	<0.05	6	<0.5	<0.2
1114357	Soil	11	22	0.34	92	0.040	<1	1.60	0.008	0.05	<0.1	0.02	2.1	0.1	<0.05	4	<0.5	<0.2
1115813	Soil	9	24	0.43	124	0.080	1	1.63	0.010	0.08	0.2	0.03	2.2	0.2	0.07	6	<0.5	<0.2
1115815	Soil	13	26	0.47	115	0.107	2	1.39	0.017	0.13	0.4	0.03	3.8	0.2	<0.05	5	<0.5	<0.2
1115811	Soil	10	23	0.39	101	0.071	1	1.46	0.010	0.06	0.2	0.03	2.2	0.1	<0.05	5	<0.5	<0.2
1114342	Soil	9	22	0.40	77	0.059	1	1.62	0.012	0.05	0.1	0.03	2.4	<0.1	<0.05	4	<0.5	<0.2
1113193	Soil	9	24	0.37	167	0.052	1	1.52	0.009	0.04	0.2	0.04	2.4	0.1	<0.05	5	<0.5	<0.2
1113192	Soil	10	26	0.41	184	0.052	2	1.63	0.010	0.04	0.1	0.04	2.9	0.1	<0.05	5	<0.5	<0.2

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

Project: ECH
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS DAW11000105.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1115838	Soil		0.4	12.5	9.2	50	<0.1	13.8	5.4	171	2.01	4.7	7.5	1.6	5.1	17	<0.1	0.3	0.2	47	0.28	0.080
1114344	Soil		0.6	14.3	13.5	44	<0.1	14.1	5.9	244	1.93	6.0	1.8	1.5	2.5	11	0.2	0.4	2.4	41	0.17	0.059
1113167	Soil		0.5	11.6	23.5	70	0.2	10.0	3.7	160	1.90	8.7	15.9	<0.5	1.3	17	0.2	0.4	4.2	34	0.19	0.096
1115809	Soil		0.6	10.1	8.3	57	<0.1	11.6	6.6	601	1.97	4.5	1.6	8.2	0.9	14	0.2	0.2	1.0	44	0.14	0.042
1113188	Soil		0.5	20.4	9.9	63	0.1	18.2	8.4	242	2.47	7.2	1.6	1.0	3.8	23	0.2	0.5	0.7	53	0.28	0.070
1114386	Soil		1.2	21.7	15.1	90	<0.1	20.2	9.1	788	2.99	9.2	12.3	1.9	8.4	17	0.2	0.6	1.6	57	0.34	0.098
1113169	Soil		0.3	14.6	13.2	56	<0.1	13.4	5.5	255	1.83	5.8	5.8	0.8	4.8	19	0.2	0.4	1.8	38	0.25	0.062
1113187	Soil		0.5	15.1	9.4	53	0.1	15.7	7.7	208	2.20	6.7	1.9	3.4	3.5	19	0.2	0.4	0.7	51	0.23	0.064
1113185	Soil		0.6	23.7	9.2	65	0.1	21.0	10.3	293	2.35	7.1	1.8	8.4	4.7	26	0.3	0.5	0.6	53	0.34	0.075
1114407	Soil		0.4	14.7	18.3	41	<0.1	14.3	5.9	196	1.87	4.7	1.4	<0.5	3.4	11	0.2	0.4	2.8	38	0.18	0.055
1114368	Soil		0.3	5.4	2.4	15	<0.1	2.2	1.9	41	0.87	0.6	0.7	<0.5	<0.1	9	<0.1	<0.1	<0.1	27	0.05	0.041
1113164	Soil		0.5	8.0	23.3	63	<0.1	8.7	4.9	519	1.67	6.4	9.6	0.7	4.9	11	0.3	0.4	2.7	29	0.16	0.062
1113186	Soil		0.6	16.5	9.9	56	0.1	17.3	8.0	197	2.38	7.3	2.2	2.2	3.5	22	0.2	0.4	0.7	55	0.25	0.065
1113177	Soil		0.5	15.0	15.7	67	<0.1	16.4	7.8	387	2.38	6.9	5.7	5.3	4.9	20	0.2	0.4	1.8	50	0.27	0.066
1114364	Soil		0.8	7.4	16.5	47	0.1	10.2	4.2	188	2.34	4.6	1.1	<0.5	4.2	10	<0.1	0.3	1.6	51	0.12	0.029
1113189	Soil		0.7	17.0	10.1	60	0.1	16.8	9.4	376	2.75	8.1	1.6	2.4	2.9	22	0.2	0.5	0.7	56	0.24	0.071
1113184	Soil		0.5	19.5	9.0	60	<0.1	18.2	7.5	247	2.19	6.6	2.6	2.5	3.8	19	0.1	0.4	0.6	52	0.26	0.067
1113183	Soil		0.8	16.6	9.9	57	<0.1	20.3	9.8	389	2.56	8.6	1.7	2.4	3.9	17	0.2	0.4	0.6	56	0.23	0.065
1114365	Soil		1.0	16.3	16.0	62	<0.1	15.9	7.5	384	3.48	8.1	1.3	2.5	4.0	12	0.2	0.4	1.4	68	0.15	0.049
1114367	Soil		0.4	21.7	10.4	62	<0.1	29.7	13.0	356	3.41	5.7	1.4	2.2	5.4	18	0.1	0.3	0.3	68	0.29	0.073
1113191	Soil		0.5	12.6	9.9	59	<0.1	15.7	8.1	256	2.36	7.0	1.3	2.6	2.5	17	0.1	0.4	0.7	52	0.21	0.067
1114366	Soil		0.3	14.7	10.2	54	<0.1	19.9	11.2	327	3.04	3.7	3.1	1.1	9.6	16	<0.1	0.3	0.3	57	0.31	0.096
1114341	Soil		1.1	6.0	4.4	17	<0.1	3.3	1.6	48	0.79	1.2	0.7	<0.5	0.3	7	<0.1	0.2	0.7	31	0.04	0.029
1114370	Soil		1.0	38.4	18.9	74	0.2	24.6	14.1	694	4.81	6.4	9.7	3.1	11.4	25	0.1	0.4	0.9	69	0.30	0.095
1113190	Soil		0.4	12.6	9.3	55	<0.1	14.0	7.7	291	2.11	6.3	1.2	<0.5	3.3	19	0.2	0.4	0.7	46	0.25	0.062
1114363	Soil		0.4	13.5	14.7	50	<0.1	14.1	6.2	226	2.25	6.2	1.9	0.6	6.0	11	0.2	0.4	1.7	45	0.15	0.038
1114350	Soil		0.5	5.3	25.7	47	<0.1	5.5	2.7	541	1.55	2.9	2.7	<0.5	0.7	7	0.1	0.1	4.4	25	0.06	0.057
1114348	Soil		0.4	8.2	11.9	38	<0.1	8.9	4.1	190	1.50	2.8	1.4	0.7	1.3	11	0.1	0.3	0.9	37	0.17	0.050
1114372	Soil		1.1	10.6	16.4	53	<0.1	12.5	11.8	1418	2.39	4.3	1.4	<0.5	5.0	13	0.2	0.4	0.4	56	0.16	0.057
1114392	Soil		0.7	19.1	17.6	66	<0.1	16.0	6.8	293	2.48	5.7	3.2	5.6	5.1	12	0.2	0.6	0.5	46	0.18	0.073

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Project: ECH
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS DAW11000105.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1115838	Soil	13	25	0.46	105	0.101	<1	1.44	0.011	0.13	0.2	0.02	2.9	0.2	<0.05	5	<0.5	<0.2
1114344	Soil	9	22	0.37	66	0.052	<1	1.59	0.009	0.05	0.1	0.04	1.9	<0.1	<0.05	4	<0.5	<0.2
1113167	Soil	7	21	0.31	117	0.017	1	1.53	0.008	0.06	0.1	0.08	2.0	0.3	<0.05	5	0.6	<0.2
1115809	Soil	6	19	0.40	110	0.077	2	1.38	0.010	0.16	0.1	0.02	1.8	0.3	<0.05	6	<0.5	<0.2
1113188	Soil	13	30	0.49	230	0.072	<1	1.84	0.012	0.05	0.2	0.05	4.0	0.1	<0.05	5	<0.5	<0.2
1114386	Soil	20	28	0.52	148	0.098	2	1.44	0.016	0.16	0.2	0.04	3.9	0.5	<0.05	5	<0.5	<0.2
1113169	Soil	13	22	0.36	128	0.054	<1	1.45	0.011	0.07	0.1	0.03	2.8	0.2	<0.05	4	<0.5	<0.2
1113187	Soil	11	26	0.43	196	0.062	<1	1.64	0.011	0.04	0.2	0.05	3.3	0.1	<0.05	5	<0.5	<0.2
1113185	Soil	14	29	0.47	234	0.081	1	1.46	0.015	0.05	0.2	0.03	4.0	0.1	<0.05	5	<0.5	<0.2
1114407	Soil	9	21	0.36	73	0.049	1	1.69	0.009	0.05	0.1	0.04	2.1	0.1	<0.05	4	<0.5	<0.2
1114368	Soil	3	6	0.04	35	0.025	<1	0.30	0.019	0.02	<0.1	0.02	0.3	<0.1	<0.05	2	<0.5	<0.2
1113164	Soil	8	14	0.21	82	0.031	<1	1.06	0.008	0.04	0.1	0.03	1.4	0.2	<0.05	3	<0.5	<0.2
1113186	Soil	12	29	0.41	214	0.065	1	1.67	0.012	0.05	0.2	0.05	3.8	0.1	<0.05	5	<0.5	<0.2
1113177	Soil	13	25	0.42	154	0.059	2	1.48	0.013	0.06	0.2	0.04	3.1	0.2	<0.05	4	<0.5	<0.2
1114364	Soil	9	20	0.29	69	0.059	<1	1.44	0.007	0.05	0.1	0.03	1.8	0.2	<0.05	6	<0.5	<0.2
1113189	Soil	12	29	0.41	221	0.059	1	1.72	0.011	0.05	0.2	0.05	3.8	0.1	<0.05	5	0.6	<0.2
1113184	Soil	13	27	0.45	183	0.076	<1	1.47	0.011	0.05	0.2	0.03	3.2	0.1	<0.05	5	<0.5	<0.2
1113183	Soil	11	27	0.45	159	0.074	1	1.78	0.012	0.05	0.2	0.03	2.6	0.1	<0.05	5	<0.5	<0.2
1114365	Soil	10	31	0.46	90	0.086	1	2.47	0.007	0.08	0.2	0.06	3.3	0.2	<0.05	8	0.6	<0.2
1114367	Soil	15	51	1.08	191	0.154	2	2.57	0.012	0.36	0.1	0.03	4.7	0.3	<0.05	8	<0.5	<0.2
1113191	Soil	11	27	0.43	180	0.058	<1	1.78	0.009	0.05	0.1	0.04	2.9	0.1	<0.05	5	<0.5	<0.2
1114366	Soil	24	38	0.87	171	0.138	<1	2.25	0.012	0.36	0.1	0.04	4.9	0.4	<0.05	8	<0.5	<0.2
1114341	Soil	5	8	0.04	28	0.027	<1	0.42	0.013	0.03	<0.1	0.06	0.6	0.1	<0.05	4	<0.5	<0.2
1114370	Soil	42	45	0.64	264	0.053	<1	3.21	0.008	0.21	0.1	0.06	8.4	0.3	<0.05	10	0.8	<0.2
1113190	Soil	11	26	0.38	170	0.059	1	1.60	0.010	0.04	0.1	0.03	2.9	0.1	<0.05	5	<0.5	<0.2
1114363	Soil	11	26	0.33	77	0.056	<1	1.50	0.008	0.06	0.1	0.03	2.3	0.1	<0.05	5	<0.5	<0.2
1114350	Soil	5	13	0.16	46	0.012	<1	0.90	0.007	0.05	0.1	0.03	0.8	0.1	<0.05	4	0.6	<0.2
1114348	Soil	6	16	0.24	36	0.061	<1	0.79	0.013	0.04	0.1	0.02	1.3	<0.1	<0.05	3	<0.5	<0.2
1114372	Soil	15	24	0.35	89	0.074	1	1.13	0.008	0.11	0.1	0.04	2.2	0.1	<0.05	6	<0.5	<0.2
1114392	Soil	15	25	0.43	69	0.058	1	1.67	0.008	0.09	0.1	0.03	2.5	0.2	<0.05	5	0.6	<0.2

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CERTIFICATE OF ANALYSIS DAW11000105.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1114351	Soil	0.5	10.1	18.2	54	<0.1	13.6	5.4	253	1.97	5.1	2.3	3.7	2.8	13	0.2	0.4	2.9	42	0.17	0.048
1117183	Soil	0.8	17.9	25.3	124	<0.1	19.9	8.6	1037	2.55	7.5	4.1	1.9	3.8	16	0.4	0.5	4.1	43	0.25	0.060
1114373	Soil	1.0	16.4	19.1	43	<0.1	11.2	7.0	497	2.37	4.1	1.4	2.4	4.5	10	0.3	0.3	0.4	46	0.11	0.047
1117181	Soil	1.1	19.8	29.3	107	<0.1	22.1	11.6	670	2.83	7.8	9.3	2.4	5.6	14	0.2	0.3	9.5	50	0.27	0.042
1117178	Soil	0.5	13.7	8.4	72	<0.1	14.9	7.5	494	2.39	5.7	2.3	2.4	6.0	12	0.2	0.4	0.5	45	0.22	0.051
1114355	Soil	1.3	18.5	11.1	56	<0.1	21.0	9.5	319	2.78	9.4	1.1	1.7	3.2	16	0.2	0.6	0.4	63	0.15	0.037
1113528	Soil	0.3	25.0	8.2	83	<0.1	68.8	18.2	774	3.72	4.6	2.9	0.7	5.4	12	<0.1	0.3	0.3	83	0.27	0.065
1114406	Soil	0.5	14.7	18.1	40	<0.1	14.2	5.6	196	1.89	4.7	1.4	1.8	3.5	13	0.2	0.4	2.6	40	0.19	0.052
1117173	Soil	0.4	15.4	9.1	72	<0.1	16.7	9.1	575	2.67	4.3	2.5	3.2	6.3	11	0.2	0.3	1.4	53	0.29	0.085
1114349	Soil	1.3	16.1	32.1	89	0.3	19.5	11.0	867	3.15	8.6	4.8	3.0	1.4	18	0.2	0.5	4.0	71	0.22	0.098
1114371	Soil	0.7	19.3	10.6	58	<0.1	18.9	10.0	278	3.18	4.1	1.6	2.3	6.9	15	0.2	0.3	0.4	64	0.27	0.061
1114405	Soil	1.0	17.8	12.5	58	<0.1	22.8	11.0	342	2.85	9.1	0.7	3.0	2.6	15	0.2	0.5	0.5	62	0.18	0.045
1114387	Soil	1.1	18.4	140.9	79	0.1	18.5	8.8	578	2.82	7.7	3.9	3.1	3.3	16	0.2	0.6	1.6	53	0.17	0.058
1114388	Soil	1.1	17.5	16.9	58	<0.1	18.6	9.4	412	2.79	8.3	2.0	10.4	2.9	12	0.2	0.6	0.6	65	0.13	0.044
1114391	Soil	1.1	17.4	12.7	59	<0.1	18.4	9.1	326	2.80	7.2	1.8	1.8	2.9	13	0.1	0.6	0.4	66	0.15	0.047
1114393	Soil	0.7	18.1	16.8	68	<0.1	16.5	7.6	253	2.69	6.8	4.1	4.3	7.7	19	0.2	0.5	0.8	49	0.27	0.067
1113534	Soil	0.7	23.2	16.1	67	<0.1	21.5	9.2	497	2.48	7.3	5.1	3.4	4.4	16	0.3	0.5	1.2	58	0.27	0.065
1114399	Soil	0.7	17.3	25.1	55	<0.1	18.3	8.1	389	2.37	5.8	1.8	1.6	3.5	11	0.1	0.5	0.9	49	0.14	0.040
1114390	Soil	1.1	20.0	14.1	62	<0.1	17.4	9.4	524	3.00	6.9	2.6	1.2	2.0	12	0.1	0.6	0.5	68	0.13	0.052
1114389	Soil	1.2	18.7	11.2	62	<0.1	19.7	8.9	391	2.87	7.4	2.0	5.9	3.2	13	0.2	0.6	1.3	70	0.17	0.047
1114396	Soil	0.6	16.9	19.7	66	<0.1	19.8	8.9	460	2.54	5.4	2.0	2.7	4.3	12	0.2	0.4	0.6	50	0.16	0.040
1114376	Soil	0.4	14.1	10.3	55	<0.1	18.0	9.7	436	2.52	3.0	2.3	1.5	4.3	23	<0.1	0.3	1.6	61	0.34	0.069
1114402	Soil	0.6	19.9	12.9	63	<0.1	20.1	7.9	306	2.60	6.6	3.1	4.0	5.9	22	0.1	0.4	0.7	56	0.30	0.070
1114404	Soil	0.5	19.8	11.2	52	<0.1	22.6	9.3	267	2.42	7.3	0.7	3.7	2.9	15	0.1	0.5	0.6	51	0.18	0.036
1114381	Soil	0.5	16.3	12.1	65	<0.1	16.0	8.1	477	2.35	8.0	5.9	4.7	5.5	20	0.1	0.5	0.4	52	0.33	0.074
1114377	Soil	0.4	19.7	11.5	73	<0.1	13.7	8.6	309	2.64	3.5	8.7	3.5	8.6	22	0.1	0.3	1.6	59	0.43	0.096
1114403	Soil	0.5	19.9	10.5	67	<0.1	19.1	10.0	243	2.60	5.8	1.0	1.4	5.4	18	0.1	0.4	0.2	57	0.32	0.078
1114408	Soil	0.6	14.3	11.6	40	<0.1	16.5	5.8	169	2.20	6.3	0.7	1.3	2.2	13	0.2	0.4	0.7	50	0.19	0.058
1114356	Soil	0.8	20.7	10.1	60	<0.1	23.8	10.4	350	2.64	8.4	1.2	5.3	2.2	14	0.2	0.5	0.6	59	0.17	0.040
1114401	Soil	0.4	16.8	17.5	62	<0.1	15.4	7.5	351	2.30	4.6	4.3	3.1	7.1	22	0.1	0.3	0.7	49	0.34	0.064

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

Project: ECH
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS DAW11000105.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1114351	Soil	10	24	0.41	75	0.046	1	1.59	0.007	0.08	0.1	0.04	2.3	0.1	<0.05	5	<0.5	<0.2
1117183	Soil	11	23	0.55	175	0.065	2	1.95	0.010	0.28	0.1	0.03	3.5	0.6	<0.05	8	<0.5	<0.2
1114373	Soil	13	17	0.26	80	0.037	2	1.47	0.009	0.06	0.1	0.05	1.7	0.1	<0.05	5	<0.5	<0.2
1117181	Soil	14	41	0.72	152	0.063	2	1.93	0.009	0.39	0.1	0.02	5.5	0.6	<0.05	7	<0.5	<0.2
1117178	Soil	18	24	0.52	82	0.083	3	1.66	0.009	0.21	0.2	0.04	2.8	0.3	<0.05	7	<0.5	<0.2
1114355	Soil	11	31	0.47	157	0.069	3	2.52	0.012	0.06	0.1	0.05	2.9	0.1	<0.05	6	<0.5	<0.2
1113528	Soil	15	105	2.09	274	0.215	2	3.69	0.011	1.01	<0.1	0.01	7.8	1.2	<0.05	12	<0.5	<0.2
1114406	Soil	10	21	0.36	73	0.052	1	1.71	0.009	0.06	0.1	0.04	2.2	0.1	<0.05	4	<0.5	<0.2
1117173	Soil	14	26	0.74	108	0.146	2	2.08	0.009	0.51	0.2	0.02	3.7	0.5	<0.05	8	<0.5	<0.2
1114349	Soil	9	41	0.47	172	0.038	2	2.55	0.009	0.11	0.1	0.07	3.3	0.2	0.06	8	<0.5	<0.2
1114371	Soil	19	32	0.62	100	0.112	<1	1.90	0.009	0.19	0.1	0.04	3.7	0.2	<0.05	6	<0.5	<0.2
1114405	Soil	9	30	0.50	105	0.081	2	2.35	0.013	0.06	0.2	0.06	2.9	<0.1	<0.05	6	0.5	<0.2
1114387	Soil	13	25	0.43	93	0.060	1	1.67	0.010	0.08	0.2	0.05	2.5	0.3	<0.05	6	<0.5	<0.2
1114388	Soil	12	29	0.40	83	0.078	2	1.67	0.008	0.06	0.2	0.05	2.4	0.2	<0.05	6	0.7	<0.2
1114391	Soil	13	27	0.38	105	0.069	<1	1.82	0.008	0.06	0.2	0.04	2.3	0.2	<0.05	7	<0.5	<0.2
1114393	Soil	19	28	0.44	115	0.078	2	1.54	0.011	0.08	0.1	0.02	3.7	0.2	<0.05	5	<0.5	<0.2
1113534	Soil	13	27	0.48	116	0.099	2	1.77	0.013	0.10	0.1	0.04	3.1	0.2	<0.05	5	<0.5	<0.2
1114399	Soil	11	25	0.45	75	0.052	1	1.67	0.009	0.07	0.1	0.03	2.4	0.1	<0.05	5	<0.5	<0.2
1114390	Soil	14	25	0.35	89	0.079	3	1.67	0.010	0.08	0.1	0.07	1.9	0.2	0.05	7	<0.5	<0.2
1114389	Soil	12	28	0.42	78	0.097	2	1.47	0.010	0.06	0.2	0.03	2.2	0.1	<0.05	6	<0.5	<0.2
1114396	Soil	12	26	0.48	87	0.063	1	1.85	0.008	0.07	0.1	0.03	2.6	0.1	<0.05	5	<0.5	<0.2
1114376	Soil	15	35	0.66	146	0.131	<1	1.71	0.019	0.24	<0.1	0.03	4.5	0.5	<0.05	6	<0.5	<0.2
1114402	Soil	18	31	0.52	153	0.101	2	1.93	0.013	0.11	0.2	0.03	4.4	0.2	<0.05	6	<0.5	<0.2
1114404	Soil	9	28	0.53	96	0.085	2	2.22	0.013	0.06	0.1	0.04	2.9	<0.1	<0.05	4	<0.5	<0.2
1114381	Soil	20	23	0.51	115	0.107	<1	1.48	0.012	0.17	0.1	0.02	3.3	0.3	<0.05	5	<0.5	<0.2
1114377	Soil	26	25	0.64	226	0.152	<1	1.81	0.014	0.44	0.1	0.02	5.2	0.5	<0.05	7	<0.5	<0.2
1114403	Soil	18	27	0.58	114	0.101	<1	2.13	0.010	0.12	0.1	0.04	3.4	0.2	<0.05	6	<0.5	<0.2
1114408	Soil	8	24	0.44	63	0.072	1	1.96	0.009	0.05	0.1	0.04	2.4	0.1	<0.05	5	<0.5	<0.2
1114356	Soil	10	31	0.54	91	0.079	1	2.23	0.011	0.07	0.2	0.05	2.9	0.1	<0.05	5	<0.5	<0.2
1114401	Soil	24	26	0.49	108	0.079	<1	1.75	0.012	0.10	0.1	0.02	4.0	0.2	<0.05	6	<0.5	<0.2

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Project: ECH
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS DAW11000105.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1114397	Soil		1.1	17.5	15.2	55	<0.1	17.7	8.1	300	3.04	8.3	1.1	1.7	1.6	13	0.1	0.5	0.5	66	0.13	0.046
1114400	Soil		0.4	13.2	19.2	63	<0.1	13.3	5.9	399	2.13	4.3	3.7	2.4	5.4	33	0.1	0.3	1.3	39	0.37	0.063
1114358	Soil		1.2	7.5	10.8	23	<0.1	5.4	2.3	118	1.44	3.4	0.5	2.2	1.6	10	0.1	0.3	0.7	55	0.09	0.023
1114353	Soil		0.7	14.2	13.5	54	<0.1	16.3	7.1	380	2.12	5.0	1.4	1.7	1.4	13	0.2	0.3	2.5	44	0.14	0.045
1114352	Soil		0.9	13.8	11.1	42	<0.1	13.8	5.8	257	2.08	6.0	1.1	8.0	1.9	12	0.2	0.5	1.0	54	0.12	0.033
1114398	Soil		0.9	18.7	17.0	59	<0.1	22.5	10.5	365	2.67	7.7	1.2	1.6	3.3	14	0.2	0.5	0.4	62	0.16	0.034
1114347	Soil		0.9	17.8	15.4	69	<0.1	13.7	5.8	380	2.10	4.9	1.5	2.3	0.6	10	0.2	0.3	1.7	41	0.12	0.065
1114359	Soil		0.5	16.8	14.4	48	<0.1	15.7	8.0	266	2.32	5.7	2.5	3.1	5.1	12	<0.1	0.4	1.1	45	0.17	0.042
1114354	Soil		0.8	16.8	9.8	54	<0.1	18.2	6.7	302	2.52	5.5	1.0	2.4	1.5	12	0.2	0.3	1.1	54	0.15	0.044
1114378	Soil		0.3	13.1	9.3	53	<0.1	13.6	6.7	362	1.74	3.6	3.0	1.6	3.7	20	0.2	0.3	0.4	41	0.31	0.068
1114343	Soil		0.6	14.8	13.9	52	<0.1	16.2	6.2	242	1.96	4.0	3.2	1.4	2.7	13	0.2	0.3	2.7	44	0.21	0.054
1114346	Soil		0.4	6.5	22.5	38	<0.1	5.8	3.0	305	1.21	1.4	3.4	1.6	1.3	11	0.1	0.2	2.3	22	0.15	0.052
1114345	Soil		0.7	11.7	14.1	40	<0.1	11.7	4.9	160	1.86	4.1	1.4	1.4	1.9	10	0.1	0.3	2.1	43	0.15	0.046
1114384	Soil		0.8	18.0	11.9	67	<0.1	18.1	8.1	368	2.58	4.7	2.7	1.8	1.7	10	0.2	0.4	0.8	56	0.13	0.041
1126028	Soil		0.7	15.6	9.1	58	<0.1	16.9	9.7	406	2.63	5.2	6.8	1.3	2.4	16	0.1	0.3	0.8	58	0.22	0.067
1114379	Soil		0.4	14.1	6.6	52	<0.1	15.4	6.8	261	1.82	2.7	1.1	0.9	1.8	11	0.2	0.3	0.3	42	0.15	0.043
1117180	Soil		0.4	16.2	8.3	50	<0.1	16.4	7.8	240	2.43	4.5	1.1	2.0	4.4	12	0.3	0.3	0.2	45	0.21	0.051
1117182	Soil		0.6	19.2	19.9	91	<0.1	16.3	7.3	849	2.19	4.1	7.7	2.4	3.9	15	0.3	0.3	7.7	44	0.23	0.067
1126020	Soil		1.1	15.2	9.7	39	<0.1	13.0	11.8	909	2.04	3.3	4.9	2.4	1.0	16	0.2	0.3	0.3	50	0.19	0.064
1114385	Soil		1.1	18.8	13.1	75	<0.1	19.0	10.3	740	3.05	4.5	8.0	2.8	5.4	14	0.3	0.5	0.5	56	0.22	0.086
1117177	Soil		<0.1	2.8	7.3	69	<0.1	<0.1	0.8	265	1.41	<0.5	2.9	<0.5	25.9	9	<0.1	0.2	0.4	<2	0.10	0.020
1117179	Soil		0.3	17.7	11.4	64	<0.1	16.4	7.0	316	2.07	2.2	3.1	1.7	6.9	19	0.2	0.4	0.2	45	0.30	0.062
1126012	Soil		0.6	12.8	10.9	54	<0.1	14.6	5.1	158	1.78	3.4	5.4	2.0	2.1	14	0.2	0.3	1.1	47	0.20	0.060
1126021	Soil		0.5	12.5	11.5	52	<0.1	16.2	6.2	163	2.08	3.3	7.8	4.3	2.5	14	<0.1	0.3	0.5	48	0.22	0.064
1117167	Soil		0.8	24.1	10.2	64	<0.1	26.2	11.7	384	2.66	6.5	1.1	1.3	3.0	13	0.3	0.4	0.7	53	0.22	0.055
1113166	Soil		0.6	13.2	11.7	54	<0.1	11.8	5.2	266	1.85	5.2	6.5	1.8	1.8	16	0.2	0.4	1.5	39	0.25	0.072
1126029	Soil		0.6	13.6	9.9	58	<0.1	14.0	8.2	421	2.40	3.5	3.7	0.8	3.5	17	0.1	0.3	0.8	50	0.28	0.071
1114382	Soil		0.3	19.7	16.3	62	<0.1	12.6	7.5	563	2.34	3.2	4.3	1.3	6.7	12	0.1	0.4	1.4	41	0.26	0.080
1114395	Soil		0.4	18.8	17.6	71	<0.1	12.8	7.9	506	2.31	1.9	1.6	0.8	3.1	30	0.1	0.2	0.2	40	0.50	0.067
1113165	Soil		0.4	10.8	13.6	61	<0.1	12.6	6.4	474	1.80	4.0	4.9	2.2	5.2	14	0.3	0.4	1.6	37	0.22	0.055

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1114397	Soil	10	31	0.45	87	0.072	1	2.22	0.009	0.06	0.1	0.07	2.6	0.1	0.06	6	<0.5	<0.2
1114400	Soil	18	20	0.46	124	0.047	<1	1.72	0.011	0.12	<0.1	0.02	2.9	0.2	<0.05	5	<0.5	<0.2
1114358	Soil	9	13	0.13	53	0.071	1	0.84	0.007	0.04	<0.1	0.03	1.2	0.1	<0.05	7	<0.5	<0.2
1114353	Soil	9	24	0.38	94	0.053	2	1.76	0.009	0.06	0.1	0.05	1.8	0.1	<0.05	4	<0.5	<0.2
1114352	Soil	10	23	0.31	72	0.059	<1	1.43	0.008	0.05	0.1	0.06	1.7	<0.1	<0.05	5	<0.5	<0.2
1114398	Soil	10	28	0.50	97	0.074	1	2.02	0.011	0.07	0.2	0.04	2.9	0.1	<0.05	6	<0.5	<0.2
1114347	Soil	6	20	0.24	68	0.025	2	1.53	0.011	0.05	0.1	0.06	1.5	0.1	0.08	5	<0.5	<0.2
1114359	Soil	13	27	0.35	86	0.053	2	1.91	0.008	0.06	<0.1	0.03	3.0	0.1	<0.05	4	0.5	<0.2
1114354	Soil	8	28	0.37	95	0.062	1	1.73	0.009	0.06	0.1	0.06	2.0	<0.1	<0.05	5	<0.5	<0.2
1114378	Soil	12	24	0.34	102	0.083	<1	1.35	0.013	0.09	0.1	0.02	3.0	0.2	<0.05	4	<0.5	<0.2
1114343	Soil	9	22	0.35	65	0.060	1	1.61	0.010	0.06	<0.1	0.03	2.5	0.2	<0.05	4	<0.5	<0.2
1114346	Soil	8	11	0.16	43	0.017	<1	0.84	0.007	0.05	<0.1	0.02	0.9	0.1	<0.05	2	<0.5	<0.2
1114345	Soil	9	22	0.32	63	0.049	<1	1.57	0.008	0.05	0.1	0.03	2.0	0.1	<0.05	5	<0.5	<0.2
1114384	Soil	9	25	0.34	91	0.053	<1	1.71	0.008	0.04	<0.1	0.06	1.9	0.1	<0.05	6	<0.5	<0.2
1126028	Soil	13	30	0.54	199	0.074	1	2.09	0.011	0.07	0.1	0.03	3.7	0.2	<0.05	6	<0.5	<0.2
1114379	Soil	9	22	0.33	67	0.068	<1	1.53	0.010	0.06	0.1	0.04	1.8	0.1	<0.05	4	<0.5	<0.2
1117180	Soil	10	26	0.38	92	0.078	1	2.07	0.010	0.07	0.1	0.02	2.7	0.2	<0.05	5	<0.5	<0.2
1117182	Soil	11	21	0.36	101	0.064	2	1.57	0.012	0.10	0.2	0.04	2.9	0.3	<0.05	6	<0.5	<0.2
1126020	Soil	12	22	0.30	129	0.063	<1	1.67	0.015	0.05	0.1	0.04	2.2	0.2	<0.05	6	<0.5	<0.2
1114385	Soil	17	23	0.41	106	0.078	1	1.73	0.010	0.14	0.2	0.04	3.5	0.7	<0.05	6	<0.5	<0.2
1117177	Soil	62	<1	0.26	48	0.010	<1	1.35	0.005	0.37	0.2	<0.01	1.3	0.6	<0.05	9	<0.5	<0.2
1117179	Soil	17	26	0.50	153	0.099	<1	1.74	0.013	0.25	0.1	0.02	4.0	0.3	<0.05	6	<0.5	<0.2
1126012	Soil	11	24	0.38	110	0.064	1	1.69	0.010	0.07	0.2	0.04	2.5	0.2	<0.05	5	<0.5	<0.2
1126021	Soil	10	26	0.41	121	0.068	<1	1.80	0.009	0.06	0.2	0.04	2.6	0.2	<0.05	6	<0.5	<0.2
1117167	Soil	9	31	0.56	100	0.075	2	2.43	0.012	0.08	0.1	0.03	3.0	0.1	<0.05	5	<0.5	<0.2
1113166	Soil	9	20	0.29	106	0.044	1	1.05	0.011	0.06	0.2	0.02	1.8	0.1	<0.05	4	<0.5	<0.2
1126029	Soil	14	25	0.50	206	0.072	2	1.76	0.011	0.09	0.2	0.01	3.3	0.2	<0.05	6	0.6	<0.2
1114382	Soil	23	21	0.47	80	0.047	<1	1.61	0.009	0.10	<0.1	0.03	3.2	0.2	<0.05	6	<0.5	<0.2
1114395	Soil	19	18	0.68	117	0.021	<1	1.96	0.009	0.11	<0.1	0.02	2.3	0.2	<0.05	7	<0.5	<0.2
1113165	Soil	12	20	0.29	100	0.055	<1	1.42	0.010	0.07	0.1	0.03	2.0	0.2	<0.05	4	<0.5	<0.2

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

Project: ECH
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS DAW11000105.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1117153	Soil	0.4	14.4	10.1	45	<0.1	12.2	7.1	289	2.01	4.5	3.0	2.5	5.2	17	0.1	0.3	0.5	38	0.26	0.053
1117176	Soil	0.8	14.8	12.9	45	<0.1	8.2	5.0	301	2.00	3.1	1.6	1.6	0.8	11	0.2	0.3	0.2	49	0.15	0.062
1117156	Soil	0.5	8.1	28.2	183	<0.1	6.8	2.8	214	1.28	1.4	10.9	<0.5	6.1	15	1.7	0.3	1.0	18	0.25	0.045
1117168	Soil	0.4	21.5	11.1	58	<0.1	18.0	7.7	235	2.54	3.9	2.5	2.6	4.3	16	0.2	0.4	0.8	49	0.24	0.059
1113532	Soil	0.7	25.0	7.7	64	<0.1	26.1	10.4	395	2.59	5.9	0.6	2.6	2.3	15	<0.1	0.5	0.2	56	0.20	0.036
1126008	Soil	0.8	12.4	14.5	49	0.2	13.0	7.1	165	2.06	3.7	5.3	3.0	1.2	13	0.1	0.4	1.1	56	0.16	0.064
1117175	Soil	0.8	13.8	12.4	59	<0.1	15.9	8.1	381	2.58	3.8	1.7	2.7	4.2	10	0.2	0.3	0.5	58	0.14	0.024
1117151	Soil	0.1	8.1	13.9	48	<0.1	6.0	2.9	157	1.44	1.0	6.0	0.5	12.7	12	<0.1	0.2	2.2	17	0.22	0.057
1117154	Soil	0.2	10.2	11.4	51	<0.1	9.8	4.5	352	1.62	1.2	5.6	2.4	5.5	15	<0.1	0.2	1.2	29	0.26	0.060
1117171	Soil	0.8	30.1	9.9	69	<0.1	23.9	11.9	484	3.30	6.2	2.1	1.2	7.3	13	0.2	0.4	0.4	69	0.21	0.048
1113531	Soil	0.3	20.2	12.0	80	<0.1	22.5	10.2	600	2.78	4.2	5.3	2.1	6.1	21	0.1	0.4	0.5	60	0.34	0.082
1114394	Soil	0.7	16.8	20.7	54	<0.1	13.9	7.3	382	2.22	3.0	2.2	2.9	4.0	12	0.2	0.6	0.5	41	0.19	0.063
1126007	Soil	0.9	11.2	11.7	45	0.1	12.9	6.1	155	2.60	6.7	5.1	2.2	1.7	12	<0.1	0.3	1.0	49	0.17	0.063
1117170	Soil	0.7	17.3	14.1	68	<0.1	17.9	8.2	355	2.92	7.3	1.7	1.6	3.9	12	0.1	0.4	2.2	58	0.17	0.043
1113530	Soil	0.4	21.1	7.8	71	<0.1	18.5	10.1	440	3.02	5.0	3.9	1.6	8.8	19	0.1	0.2	0.2	66	0.33	0.088
1114383	Soil	0.6	21.3	12.6	61	<0.1	21.8	9.0	397	2.70	6.7	4.0	4.2	4.3	15	<0.1	0.4	0.5	55	0.23	0.062
1126031	Soil	0.7	14.2	10.5	59	<0.1	14.5	8.6	543	2.39	5.1	6.3	1.7	4.3	15	0.1	0.2	1.0	51	0.23	0.063
1126024	Soil	0.7	9.7	11.7	63	<0.1	12.9	6.1	500	2.34	6.6	3.7	1.7	2.3	13	0.2	0.3	1.1	52	0.18	0.047
1126019	Soil	0.7	15.8	9.8	68	<0.1	20.0	7.9	337	2.71	8.5	4.6	2.9	2.7	19	0.1	0.4	0.4	61	0.27	0.070
1126013	Soil	0.3	12.7	7.3	45	<0.1	12.2	4.9	258	1.61	4.2	6.2	1.1	5.5	10	0.2	0.3	1.1	33	0.19	0.068
1126002	Soil	1.2	14.4	19.7	73	0.1	16.9	9.3	591	2.69	8.7	8.7	2.1	1.5	19	0.1	0.4	1.8	54	0.25	0.081
1126005	Soil	0.9	14.6	17.5	63	0.1	16.9	7.3	174	2.10	6.4	9.4	2.7	3.3	15	0.1	0.3	1.3	51	0.21	0.071
1126017	Soil	0.7	16.9	8.5	65	<0.1	20.0	9.6	506	2.71	7.4	2.3	5.2	2.3	15	0.2	0.4	0.4	62	0.21	0.060
1126011	Soil	0.6	10.7	9.8	51	<0.1	13.7	4.3	133	1.99	5.7	5.0	2.0	2.0	14	0.1	0.3	1.3	46	0.20	0.065
1126009	Soil	0.6	14.2	10.6	54	<0.1	14.0	5.2	280	1.93	5.5	5.9	3.1	4.0	15	0.2	0.3	0.8	44	0.24	0.066
1126023	Soil	0.8	12.1	10.6	58	0.1	16.4	8.7	639	2.43	5.6	5.7	3.4	1.5	17	0.2	0.4	0.8	56	0.20	0.058
1126022	Soil	0.7	16.1	12.0	65	0.1	19.6	7.3	286	2.52	7.3	6.9	3.5	3.0	14	0.1	0.4	1.0	56	0.22	0.063
1126018	Soil	0.5	16.0	7.6	64	<0.1	18.6	6.9	289	2.29	5.4	2.3	2.6	3.2	18	0.1	0.4	0.2	55	0.29	0.069
1115316	Soil	0.4	15.5	13.5	72	<0.1	15.8	7.8	442	2.56	4.0	4.9	0.7	6.8	19	0.2	0.3	0.5	50	0.29	0.061
1114380	Soil	0.6	19.4	7.5	61	<0.1	20.6	8.3	356	2.29	6.2	1.2	2.6	2.5	15	0.3	0.4	0.2	53	0.24	0.068

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Project: ECH
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS DAW11000105.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1117153	Soil	14	22	0.32	97	0.079	<1	1.51	0.011	0.08	0.1	0.03	3.3	0.2	<0.05	4	<0.5	<0.2
1117176	Soil	8	17	0.24	55	0.061	1	1.22	0.015	0.08	<0.1	0.05	1.3	0.1	<0.05	6	<0.5	<0.2
1117156	Soil	12	12	0.19	62	0.012	<1	0.84	0.007	0.06	<0.1	0.07	1.9	0.2	<0.05	3	<0.5	<0.2
1117168	Soil	13	28	0.48	179	0.069	<1	2.02	0.009	0.08	0.1	0.02	3.6	0.2	<0.05	6	<0.5	<0.2
1113532	Soil	9	30	0.57	94	0.088	2	2.05	0.013	0.07	0.1	0.04	3.1	<0.1	<0.05	5	<0.5	<0.2
1126008	Soil	10	28	0.43	132	0.051	2	1.88	0.010	0.06	0.1	0.05	2.4	0.2	<0.05	6	<0.5	<0.2
1117175	Soil	12	25	0.50	59	0.109	1	1.59	0.009	0.12	0.1	0.03	2.7	0.2	<0.05	7	<0.5	<0.2
1117151	Soil	21	12	0.24	81	0.026	<1	1.33	0.007	0.09	0.1	0.01	1.9	0.2	<0.05	5	<0.5	<0.2
1117154	Soil	13	18	0.30	83	0.060	<1	1.26	0.010	0.11	0.2	0.02	2.6	0.2	<0.05	4	<0.5	<0.2
1117171	Soil	26	41	0.80	252	0.100	1	2.57	0.011	0.24	0.2	0.02	5.2	0.3	<0.05	8	<0.5	<0.2
1113531	Soil	24	33	0.75	158	0.134	<1	2.00	0.014	0.31	0.1	0.02	5.0	0.4	<0.05	7	<0.5	<0.2
1114394	Soil	12	22	0.33	76	0.044	1	1.38	0.008	0.08	0.1	0.04	2.0	0.1	<0.05	4	<0.5	<0.2
1126007	Soil	9	24	0.36	109	0.046	1	1.67	0.011	0.05	0.2	0.04	2.3	0.2	<0.05	6	<0.5	<0.2
1117170	Soil	15	28	0.58	137	0.073	2	1.91	0.010	0.12	0.2	0.03	3.2	0.2	<0.05	7	<0.5	<0.2
1113530	Soil	34	33	0.79	165	0.170	2	2.05	0.014	0.38	0.2	0.02	5.4	0.5	<0.05	8	<0.5	<0.2
1114383	Soil	13	28	0.55	120	0.059	1	2.02	0.010	0.07	0.1	0.04	2.9	0.2	<0.05	6	<0.5	<0.2
1126031	Soil	17	27	0.44	215	0.071	2	1.55	0.011	0.14	0.1	0.04	3.6	0.2	<0.05	6	<0.5	<0.2
1126024	Soil	11	25	0.36	115	0.056	<1	1.53	0.007	0.05	0.1	0.02	2.0	0.1	<0.05	6	<0.5	<0.2
1126019	Soil	11	30	0.52	150	0.079	1	2.05	0.012	0.07	0.2	0.03	3.0	0.2	<0.05	6	<0.5	<0.2
1126013	Soil	14	18	0.23	119	0.061	1	1.33	0.008	0.07	0.2	0.01	2.0	0.2	<0.05	4	<0.5	<0.2
1126002	Soil	11	28	0.39	202	0.032	2	1.92	0.012	0.08	0.2	0.07	2.8	0.3	0.05	6	<0.5	<0.2
1126005	Soil	13	28	0.41	132	0.047	1	1.89	0.009	0.07	0.1	0.04	3.4	0.2	<0.05	6	<0.5	<0.2
1126017	Soil	13	30	0.53	109	0.086	2	1.92	0.010	0.08	0.2	0.02	2.9	0.1	<0.05	6	<0.5	<0.2
1126011	Soil	10	23	0.34	99	0.056	<1	1.35	0.009	0.06	0.2	0.03	2.1	0.1	<0.05	5	<0.5	<0.2
1126009	Soil	15	23	0.33	111	0.059	1	1.36	0.010	0.07	0.1	0.02	2.5	0.1	<0.05	4	<0.5	<0.2
1126023	Soil	9	28	0.40	137	0.065	<1	1.70	0.011	0.06	0.1	0.03	2.5	0.1	<0.05	6	<0.5	<0.2
1126022	Soil	13	31	0.49	125	0.069	<1	1.96	0.008	0.07	0.1	0.02	2.9	0.2	<0.05	7	<0.5	<0.2
1126018	Soil	11	29	0.49	118	0.093	1	1.71	0.011	0.06	0.2	0.02	2.7	0.1	<0.05	5	<0.5	<0.2
1115316	Soil	18	25	0.40	138	0.100	2	1.56	0.015	0.18	0.1	0.01	4.4	0.4	<0.05	6	<0.5	<0.2
1114380	Soil	11	25	0.43	86	0.080	1	1.67	0.012	0.07	0.2	0.04	2.6	0.1	<0.05	5	0.5	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1126015	Soil		1.1	15.9	11.9	64	<0.1	18.5	11.0	622	2.91	8.7	5.5	2.2	1.9	15	0.3	0.5	0.7	60	0.21	0.079
1126006	Soil		0.3	15.4	11.9	49	<0.1	14.3	4.3	116	1.35	2.3	12.6	2.2	2.2	16	0.3	0.3	1.0	36	0.24	0.067
1126077	Soil		0.5	14.4	9.2	50	<0.1	20.0	8.1	342	2.16	6.0	1.6	1.6	3.9	14	0.1	0.4	0.7	47	0.20	0.045
1115323	Soil		1.4	36.6	19.6	88	<0.1	22.3	9.9	351	3.03	5.8	7.4	3.1	8.9	20	0.2	1.2	0.5	58	0.31	0.079
1115861	Soil		0.8	16.7	6.2	33	<0.1	7.1	4.0	152	1.68	3.6	0.8	0.8	0.4	10	<0.1	0.2	0.4	43	0.08	0.041
1115857	Soil		0.7	15.9	11.3	75	<0.1	16.0	6.8	665	2.19	6.1	8.6	1.8	4.9	15	0.3	0.4	1.3	42	0.24	0.086
1126071	Soil		0.6	14.7	10.3	64	<0.1	19.0	7.8	442	2.32	5.7	2.8	1.9	4.1	13	0.3	0.4	0.6	48	0.19	0.052
1126064	Soil		0.5	18.1	6.4	53	<0.1	19.9	8.5	411	2.03	5.2	2.2	3.8	3.1	17	0.2	0.4	0.7	50	0.26	0.068
1115858	Soil		0.9	16.9	14.7	90	<0.1	18.5	8.4	648	2.43	7.5	5.5	2.3	2.2	10	0.7	0.4	2.6	45	0.15	0.084
1115855	Soil		1.3	22.2	17.9	92	<0.1	21.8	9.4	766	2.87	8.9	10.2	1.7	1.4	14	0.3	0.5	1.5	56	0.16	0.079
1126066	Soil		0.6	21.3	7.2	50	<0.1	20.3	7.9	300	2.28	5.7	1.2	2.2	2.7	14	<0.1	0.4	0.6	55	0.19	0.039
1115854	Soil		0.9	23.9	13.4	82	<0.1	22.8	10.1	825	2.79	8.2	7.1	5.0	3.1	16	0.3	0.5	1.0	59	0.20	0.076
1115320	Soil		0.4	14.2	14.3	59	<0.1	15.6	6.5	527	2.01	4.6	1.6	1.1	3.3	10	<0.1	0.4	2.9	38	0.13	0.037
1115860	Soil		0.6	13.4	8.6	54	<0.1	15.1	6.3	361	1.81	4.4	4.1	1.8	5.1	12	0.2	0.3	1.0	39	0.19	0.060
1126079	Soil		0.5	15.3	9.3	63	<0.1	19.1	7.6	353	2.20	5.9	1.7	1.9	3.4	14	0.2	0.3	1.1	46	0.21	0.049
1115852	Soil		0.4	11.9	16.6	90	<0.1	14.5	6.1	522	2.09	4.5	6.6	1.1	5.6	13	0.2	0.3	1.5	37	0.18	0.060
1115851	Soil		0.9	15.9	11.9	57	<0.1	16.8	7.2	415	2.38	5.8	1.4	2.8	1.1	11	0.2	0.5	1.0	55	0.13	0.057
1115853	Soil		0.5	18.1	8.4	64	<0.1	20.2	7.6	387	2.10	4.5	4.1	2.3	5.5	18	0.3	0.4	0.8	51	0.31	0.074
1115308	Soil		0.7	19.6	7.8	65	<0.1	21.3	9.5	481	2.78	2.9	5.2	3.4	6.3	12	0.1	0.3	0.8	56	0.19	0.061
1115321	Soil		0.6	22.7	10.4	57	<0.1	22.6	9.2	398	2.57	6.9	1.4	3.2	2.3	12	<0.1	0.5	0.9	57	0.15	0.051
1126025	Soil		0.5	8.8	7.5	30	<0.1	5.8	3.5	390	1.16	3.2	9.2	2.4	0.4	11	0.1	0.2	0.8	27	0.13	0.063
1126016	Soil		1.4	19.0	13.9	69	<0.1	21.4	14.0	1130	3.40	9.4	4.7	<0.5	2.1	12	0.2	0.6	0.4	75	0.14	0.062
1115324	Soil		0.3	22.5	11.9	75	<0.1	17.6	10.4	326	3.09	5.7	3.5	1.7	9.3	18	<0.1	0.5	0.2	71	0.38	0.099
1115856	Soil		0.5	15.1	18.1	64	<0.1	15.8	5.8	545	1.97	6.2	7.1	1.8	5.4	15	0.2	0.4	1.5	36	0.25	0.082
1115317	Soil		0.1	25.5	22.9	87	<0.1	8.5	8.2	719	3.27	1.5	4.4	<0.5	9.9	15	0.2	0.2	0.7	47	0.29	0.093
1115319	Soil		0.5	31.2	9.8	81	<0.1	20.8	10.6	583	3.14	5.1	3.1	3.7	10.9	19	0.2	0.5	2.9	71	0.31	0.098
1115309	Soil		1.6	19.9	15.8	88	0.1	20.5	9.9	563	3.45	6.9	15.8	1.8	8.3	17	<0.1	0.4	1.1	60	0.25	0.079
1115313	Soil		0.4	14.0	17.1	57	<0.1	15.9	5.8	174	1.99	3.5	3.6	3.7	6.5	17	<0.1	0.5	0.5	47	0.29	0.062
1115322	Soil		0.7	20.3	12.5	75	<0.1	20.4	8.6	514	2.51	5.0	6.1	1.3	4.9	22	0.3	0.5	0.9	51	0.33	0.085
1126010	Soil		0.6	15.6	11.4	66	<0.1	16.3	6.7	200	2.17	5.8	6.3	2.4	3.4	16	0.2	0.4	1.0	49	0.25	0.076

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

Project: ECH
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS DAW11000105.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1126015	Soil	12	29	0.44	111	0.068	<1	1.72	0.009	0.08	0.1	0.03	2.4	0.2	<0.05	6	<0.5	<0.2
1126006	Soil	13	24	0.32	141	0.052	<1	1.40	0.010	0.06	0.1	0.05	3.3	0.2	<0.05	4	<0.5	<0.2
1126077	Soil	11	24	0.37	88	0.067	<1	1.75	0.011	0.07	<0.1	0.02	2.2	0.2	<0.05	4	<0.5	<0.2
1115323	Soil	25	33	0.66	196	0.129	<1	1.89	0.013	0.52	<0.1	0.06	5.7	1.2	<0.05	7	<0.5	<0.2
1115861	Soil	6	13	0.15	46	0.045	<1	0.95	0.014	0.03	<0.1	0.03	0.8	<0.1	<0.05	4	<0.5	<0.2
1115857	Soil	14	20	0.31	113	0.057	<1	1.40	0.011	0.07	0.1	0.04	2.3	0.3	<0.05	4	<0.5	<0.2
1126071	Soil	12	23	0.37	83	0.066	<1	1.55	0.011	0.08	0.2	0.04	2.3	0.2	<0.05	5	<0.5	<0.2
1126064	Soil	10	23	0.37	104	0.084	<1	1.45	0.014	0.06	0.1	0.02	2.2	0.1	<0.05	4	<0.5	<0.2
1115858	Soil	11	22	0.32	93	0.039	1	1.77	0.008	0.07	0.1	0.06	2.0	0.3	<0.05	5	<0.5	<0.2
1115855	Soil	11	28	0.39	117	0.043	<1	2.05	0.010	0.07	0.1	0.06	2.5	0.6	<0.05	6	<0.5	<0.2
1126066	Soil	11	28	0.41	88	0.085	<1	1.75	0.012	0.06	0.1	0.02	2.8	0.1	<0.05	4	<0.5	<0.2
1115854	Soil	15	30	0.43	154	0.065	<1	1.92	0.011	0.07	<0.1	0.05	3.3	0.2	<0.05	5	<0.5	<0.2
1115320	Soil	11	21	0.34	84	0.059	<1	1.51	0.009	0.10	0.2	0.02	2.2	0.4	<0.05	5	<0.5	<0.2
1115860	Soil	12	19	0.29	73	0.066	<1	1.26	0.014	0.07	0.1	0.02	1.8	0.5	<0.05	4	<0.5	<0.2
1126079	Soil	11	24	0.38	100	0.069	<1	1.66	0.010	0.07	0.1	0.03	2.3	0.2	<0.05	5	<0.5	<0.2
1115852	Soil	15	19	0.28	81	0.050	<1	1.49	0.008	0.05	0.1	0.03	1.9	0.3	<0.05	4	0.5	<0.2
1115851	Soil	10	24	0.29	79	0.055	1	1.69	0.009	0.05	0.1	0.05	1.6	0.2	<0.05	6	<0.5	<0.2
1115853	Soil	15	24	0.37	109	0.082	<1	1.26	0.015	0.06	0.2	0.03	2.9	0.1	<0.05	4	<0.5	<0.2
1115308	Soil	24	31	0.63	109	0.115	2	1.73	0.009	0.29	0.9	0.03	4.1	0.5	0.09	6	<0.5	<0.2
1115321	Soil	8	29	0.47	81	0.081	3	1.96	0.008	0.06	0.2	0.06	2.4	0.2	0.07	6	<0.5	<0.2
1126025	Soil	6	13	0.19	94	0.026	2	1.02	0.015	0.04	<0.1	0.05	1.1	0.2	0.06	4	0.7	<0.2
1126016	Soil	11	37	0.54	117	0.064	3	1.93	0.007	0.05	0.2	0.04	2.5	0.2	<0.05	7	<0.5	<0.2
1115324	Soil	25	31	0.75	184	0.170	3	1.79	0.010	0.36	0.2	0.03	5.6	0.7	<0.05	7	<0.5	<0.2
1115856	Soil	12	18	0.29	115	0.050	2	1.15	0.009	0.08	0.1	0.03	1.8	1.0	<0.05	4	<0.5	<0.2
1115317	Soil	30	14	0.49	220	0.096	3	1.77	0.008	0.70	0.2	<0.01	7.1	1.0	<0.05	8	<0.5	<0.2
1115319	Soil	44	30	0.79	335	0.168	2	2.16	0.010	0.51	0.6	0.02	5.4	0.6	<0.05	8	<0.5	<0.2
1115309	Soil	26	32	0.55	145	0.114	2	2.07	0.010	0.33	0.3	0.05	5.4	0.7	<0.05	9	<0.5	<0.2
1115313	Soil	15	26	0.38	114	0.082	2	1.49	0.010	0.12	0.2	0.05	3.4	0.3	<0.05	5	<0.5	<0.2
1115322	Soil	15	26	0.45	115	0.095	2	1.50	0.013	0.13	0.2	0.02	3.3	0.4	<0.05	5	<0.5	<0.2
1126010	Soil	12	27	0.38	125	0.074	2	1.62	0.008	0.07	0.1	0.03	3.3	0.1	<0.05	5	<0.5	<0.2

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Project: ECH
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS DAW11000105.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1115326	Soil		0.5	23.5	8.2	64	<0.1	25.9	10.1	391	2.71	3.8	2.8	2.2	4.7	17	0.1	0.3	0.2	65	0.27	0.074
1115327	Soil		0.5	27.9	12.4	87	<0.1	26.7	13.1	524	3.57	4.1	5.1	0.6	9.3	21	0.1	0.3	0.4	77	0.41	0.104
1126067	Soil		0.6	17.6	11.8	49	<0.1	17.7	6.6	325	2.05	4.8	2.6	3.4	2.8	12	<0.1	0.4	1.3	49	0.19	0.063
1115318	Soil		0.5	22.8	9.2	74	<0.1	21.9	10.1	400	2.67	5.9	0.9	2.0	2.6	12	0.1	0.4	0.3	56	0.17	0.060
1126014	Soil		0.8	14.0	10.6	52	<0.1	14.6	6.3	339	2.39	5.0	9.2	1.3	1.3	12	0.1	0.4	0.8	59	0.12	0.044
1126030	Soil		0.8	14.4	11.0	60	<0.1	16.8	8.3	502	2.71	4.3	9.9	1.6	2.8	17	0.1	0.3	0.7	60	0.22	0.060
1117169	Soil		0.7	14.7	12.7	52	<0.1	14.8	6.3	241	2.24	4.2	2.3	4.8	2.8	12	0.1	0.4	2.8	55	0.16	0.047
1126070	Soil		0.7	23.3	13.9	71	<0.1	21.9	7.5	336	2.56	5.7	10.9	3.5	5.0	17	0.2	0.4	1.1	50	0.26	0.082
1115311	Soil		0.8	17.0	11.7	75	<0.1	17.9	8.0	390	2.62	3.2	5.9	0.5	7.8	24	0.2	0.3	1.2	50	0.43	0.085
1115301	Soil		0.4	11.8	16.8	66	<0.1	12.0	4.9	1016	1.65	2.7	4.3	1.0	6.4	21	0.2	0.3	2.0	31	0.29	0.069
1117155	Soil		0.2	5.2	14.7	44	<0.1	6.3	2.5	211	0.94	2.4	3.5	<0.5	7.2	9	0.1	0.2	0.7	16	0.15	0.042
1113527	Soil		0.8	27.9	11.7	68	<0.1	23.6	10.9	440	3.21	12.3	8.8	2.4	8.2	30	0.1	0.8	0.4	49	0.21	0.066
1115314	Soil		0.6	12.9	15.4	58	<0.1	14.5	6.2	325	2.26	3.9	3.2	3.2	4.5	12	0.1	0.4	0.4	45	0.19	0.063
1117172	Soil		0.6	11.6	14.6	57	<0.1	7.1	3.7	308	1.46	5.2	3.3	<0.5	1.4	8	0.2	0.2	3.9	27	0.11	0.046
1126004	Soil		0.9	17.3	17.9	66	0.1	16.6	7.6	348	2.26	5.0	8.9	<0.5	2.9	15	0.2	0.3	1.1	54	0.21	0.075
1113529	Soil		0.3	20.8	8.7	66	<0.1	15.9	8.4	367	2.73	2.1	5.7	<0.5	9.2	15	<0.1	0.3	0.2	59	0.27	0.080
1126078	Soil		0.6	23.6	10.7	67	<0.1	20.3	7.6	389	2.38	5.5	5.1	1.2	4.5	23	0.1	0.4	0.9	55	0.33	0.085
1117174	Soil		0.8	21.9	8.5	68	<0.1	21.1	9.4	478	3.10	5.2	2.4	5.7	5.8	12	0.2	0.5	1.3	65	0.15	0.036
1126026	Soil		0.5	12.8	11.1	52	<0.1	14.8	7.6	331	2.30	4.2	5.1	<0.5	1.7	16	<0.1	0.3	0.7	54	0.21	0.061
1113533	Soil		0.6	20.4	8.1	59	<0.1	22.4	9.1	389	2.27	4.3	2.0	<0.5	1.9	14	0.3	0.4	0.2	54	0.19	0.064
1115303	Soil		0.6	14.4	9.3	56	<0.1	16.3	6.7	341	2.20	3.6	1.4	1.4	1.7	13	0.2	0.4	1.1	51	0.21	0.063
1115312	Soil		0.7	15.6	18.8	75	<0.1	17.5	7.4	537	2.51	2.4	5.8	<0.5	7.4	24	0.2	0.3	0.3	45	0.34	0.074
1115310	Soil		0.8	16.8	8.8	58	<0.1	18.2	8.3	440	2.26	4.1	2.9	1.7	3.1	14	0.3	0.4	0.3	46	0.20	0.066
1115304	Soil		0.6	20.2	8.7	72	<0.1	19.5	7.6	423	2.30	4.1	10.0	1.3	3.0	13	0.3	0.4	0.8	48	0.20	0.080
1115329	Soil		0.5	20.2	10.3	73	<0.1	19.3	8.4	366	2.43	3.8	7.7	0.6	4.7	20	0.2	0.4	0.3	53	0.30	0.080
1115306	Soil		0.9	17.9	11.8	64	<0.1	16.6	5.9	320	2.67	6.5	9.5	0.9	1.0	11	0.2	0.4	1.3	54	0.13	0.095
1126082	Soil		1.0	23.4	14.5	83	<0.1	23.3	9.4	628	2.96	9.3	6.7	<0.5	2.6	10	0.2	0.5	1.8	53	0.15	0.063
1126073	Soil		0.6	20.9	15.2	75	<0.1	19.3	7.0	405	2.40	4.9	6.4	1.2	3.7	16	0.2	0.4	1.5	42	0.22	0.079
1126072	Soil		0.6	17.5	9.8	63	<0.1	16.9	7.7	452	2.20	4.0	18.1	2.7	2.1	17	0.2	0.4	0.6	48	0.22	0.057
1126069	Soil		0.6	18.4	9.8	65	<0.1	20.9	8.5	577	2.24	5.1	6.8	1.5	3.5	16	0.3	0.4	1.4	49	0.26	0.075

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1115326	Soil	19	37	0.77	127	0.149	1	1.88	0.011	0.20	0.1	0.03	3.5	0.2	<0.05	6	<0.5	<0.2
1115327	Soil	29	41	0.92	226	0.194	1	1.97	0.013	0.54	0.3	0.02	6.5	0.6	<0.05	8	<0.5	<0.2
1126067	Soil	12	23	0.35	81	0.069	3	1.63	0.008	0.06	0.1	0.03	2.4	0.2	<0.05	5	<0.5	<0.2
1115318	Soil	10	25	0.50	100	0.102	2	2.12	0.010	0.15	0.2	0.07	3.1	0.2	<0.05	6	0.9	<0.2
1126014	Soil	11	26	0.33	97	0.064	1	1.48	0.006	0.05	0.1	0.03	2.0	0.2	<0.05	6	<0.5	<0.2
1126030	Soil	16	32	0.52	217	0.077	2	1.91	0.009	0.09	0.2	0.03	3.5	0.2	<0.05	7	<0.5	<0.2
1117169	Soil	10	24	0.41	106	0.075	3	1.55	0.009	0.08	0.2	0.05	2.5	0.2	<0.05	6	<0.5	<0.2
1126070	Soil	15	26	0.40	110	0.069	3	1.63	0.012	0.07	0.2	0.06	3.4	0.2	<0.05	5	<0.5	<0.2
1115311	Soil	19	31	0.45	153	0.098	3	1.54	0.015	0.20	0.3	0.02	4.2	0.4	<0.05	6	<0.5	<0.2
1115301	Soil	14	17	0.24	191	0.056	1	0.96	0.012	0.07	<0.1	0.02	2.1	0.3	<0.05	4	<0.5	<0.2
1117155	Soil	14	10	0.16	49	0.017	1	0.81	0.005	0.08	<0.1	0.03	1.3	0.2	<0.05	3	<0.5	<0.2
1113527	Soil	20	34	0.71	134	0.133	3	1.99	0.012	0.46	0.2	0.01	3.4	0.9	<0.05	7	<0.5	<0.2
1115314	Soil	16	22	0.38	82	0.078	2	1.57	0.009	0.14	0.1	0.04	2.7	0.3	<0.05	6	0.6	<0.2
1117172	Soil	7	10	0.20	44	0.034	<1	1.04	0.008	0.10	0.1	0.02	1.0	0.2	<0.05	4	0.6	<0.2
1126004	Soil	13	28	0.37	138	0.046	2	1.68	0.009	0.07	0.2	0.07	3.0	0.2	<0.05	5	<0.5	<0.2
1113529	Soil	32	25	0.70	168	0.186	1	2.13	0.011	0.47	0.1	0.03	4.8	0.5	<0.05	8	<0.5	<0.2
1126078	Soil	15	31	0.43	159	0.088	1	1.68	0.013	0.07	0.2	0.04	4.1	0.1	<0.05	5	<0.5	<0.2
1117174	Soil	20	30	0.52	76	0.125	1	1.81	0.009	0.15	0.5	0.04	2.8	0.2	<0.05	8	<0.5	<0.2
1126026	Soil	12	28	0.48	168	0.066	2	1.85	0.009	0.06	0.1	0.03	2.7	0.2	<0.05	7	<0.5	<0.2
1113533	Soil	8	25	0.42	94	0.077	2	1.65	0.013	0.05	0.2	0.04	2.3	<0.1	<0.05	4	<0.5	<0.2
1115303	Soil	10	25	0.35	76	0.069	3	1.55	0.009	0.07	0.1	0.04	2.2	0.2	<0.05	5	<0.5	<0.2
1115312	Soil	18	29	0.43	151	0.081	2	1.32	0.015	0.19	0.1	0.05	4.1	0.5	<0.05	5	0.6	<0.2
1115310	Soil	14	25	0.40	81	0.074	2	1.43	0.010	0.09	0.2	0.06	2.4	0.2	<0.05	5	<0.5	<0.2
1115304	Soil	11	21	0.33	109	0.071	<1	1.62	0.011	0.06	0.1	0.02	1.9	0.2	<0.05	5	<0.5	<0.2
1115329	Soil	14	30	0.55	137	0.102	<1	1.69	0.013	0.13	0.2	0.03	4.0	0.2	<0.05	6	<0.5	<0.2
1115306	Soil	9	25	0.32	112	0.039	2	1.61	0.007	0.07	0.1	0.05	2.1	0.4	<0.05	6	<0.5	<0.2
1126082	Soil	10	28	0.44	98	0.050	1	1.88	0.007	0.08	0.2	0.06	2.5	0.2	<0.05	6	<0.5	<0.2
1126073	Soil	12	24	0.40	141	0.042	<1	1.74	0.009	0.10	0.1	0.05	3.0	0.3	<0.05	5	<0.5	<0.2
1126072	Soil	10	23	0.39	114	0.051	<1	1.44	0.012	0.06	0.2	0.04	2.2	0.2	<0.05	5	<0.5	<0.2
1126069	Soil	11	24	0.42	176	0.070	1	1.45	0.011	0.07	0.1	0.03	3.0	0.2	<0.05	4	<0.5	<0.2

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

Project: ECH
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS DAW11000105.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1126074	Soil	0.6	20.4	14.7	70	<0.1	18.9	7.0	385	2.28	4.6	6.0	0.7	3.8	15	0.2	0.3	1.5	41	0.22	0.077
1115330	Soil	0.7	18.6	15.2	71	<0.1	20.1	9.4	511	2.47	4.9	5.4	1.9	5.9	18	0.4	0.4	0.3	53	0.23	0.069
1126081	Soil	0.5	14.5	19.8	77	<0.1	16.8	7.2	579	2.34	5.3	6.5	<0.5	4.5	24	0.2	0.3	2.4	39	0.31	0.066
1126084	Soil	0.6	16.7	9.6	63	<0.1	14.5	7.4	481	2.01	4.9	2.7	3.6	1.6	13	0.3	0.3	0.9	46	0.17	0.063
1115331	Soil	0.6	22.3	7.3	61	<0.1	15.6	6.6	207	2.02	2.8	7.0	1.0	2.2	16	0.2	0.3	0.6	47	0.23	0.075
1126001	Soil	0.8	12.4	15.6	62	<0.1	15.5	9.3	814	2.31	5.4	5.4	1.2	1.8	16	0.2	0.4	1.2	50	0.21	0.067
1126062	Soil	0.5	17.1	6.9	51	<0.1	18.4	7.2	270	2.09	5.2	4.1	1.2	3.2	15	0.2	0.3	0.6	49	0.25	0.074
1115302	Soil	0.3	9.4	22.9	48	<0.1	9.9	3.5	790	1.46	2.1	1.6	0.7	2.8	4	0.2	0.3	2.3	17	0.07	0.034
1126059	Soil	0.4	13.6	6.0	55	<0.1	15.4	6.2	352	1.75	2.5	2.3	4.8	4.9	12	0.3	0.3	0.5	39	0.22	0.063
1126003	Soil	0.9	13.4	18.1	65	0.1	14.0	7.4	399	2.41	6.3	9.2	<0.5	2.0	12	0.2	0.4	1.8	47	0.12	0.067
1115332	Soil	1.3	3.4	9.6	25	<0.1	3.1	1.8	117	1.52	1.4	2.1	<0.5	5.2	7	<0.1	0.3	0.6	36	0.08	0.059
1115325	Soil	0.5	20.6	7.2	59	<0.1	19.5	8.8	312	2.52	3.1	1.7	1.7	5.2	15	0.1	0.3	0.2	58	0.23	0.070
1115328	Soil	0.9	24.5	16.5	93	<0.1	26.3	12.9	667	3.57	4.9	4.1	2.3	8.2	15	0.2	0.4	0.3	52	0.21	0.056
1115307	Soil	1.0	21.9	7.4	76	<0.1	24.4	9.8	441	2.51	2.8	9.3	2.8	5.6	17	0.2	0.3	0.7	53	0.28	0.077
1126080	Soil	0.7	19.5	11.9	86	<0.1	17.2	8.0	509	2.30	7.4	4.5	6.6	4.2	17	0.3	0.5	1.0	49	0.26	0.089
1115305	Soil	0.5	15.6	7.7	54	<0.1	15.6	6.8	399	1.92	5.9	6.4	3.9	5.3	15	0.3	0.4	1.2	46	0.25	0.078
1126075	Soil	0.5	11.8	11.0	69	<0.1	17.4	7.5	518	1.98	6.1	3.2	5.5	5.6	14	0.2	0.3	1.0	43	0.21	0.065
1126027	Soil	0.7	12.5	10.8	59	<0.1	15.5	8.6	529	2.54	6.6	3.6	4.7	2.6	17	0.1	0.3	0.9	61	0.21	0.059
1126076	Soil	0.4	16.8	13.9	69	<0.1	15.4	6.0	283	1.95	6.1	6.7	0.7	5.9	20	0.2	0.5	1.2	46	0.28	0.066
1126068	Soil	0.7	20.7	8.9	54	<0.1	24.0	9.7	403	2.52	9.0	0.9	4.0	3.1	15	0.2	0.6	0.7	60	0.20	0.040
1126083	Soil	0.8	17.2	11.1	68	<0.1	14.0	7.6	499	2.25	7.7	3.3	1.9	2.1	17	0.3	0.4	0.9	52	0.19	0.060
1115315	Soil	0.5	14.2	11.1	65	<0.1	15.1	7.2	425	2.23	5.3	3.5	2.0	7.1	23	0.2	0.4	0.7	50	0.32	0.072
1115881	Soil	0.6	16.3	13.3	68	<0.1	18.2	7.1	192	2.51	6.4	4.1	7.0	4.6	19	0.2	0.5	0.7	51	0.27	0.066

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Project: ECH
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS DAW11000105.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1126074	Soil	12	23	0.40	142	0.041	1	1.74	0.009	0.10	0.1	0.05	2.9	0.3	<0.05	5	0.7	<0.2
1115330	Soil	15	26	0.47	127	0.067	<1	1.65	0.008	0.07	0.1	0.03	2.8	0.2	<0.05	5	<0.5	<0.2
1126081	Soil	11	22	0.39	145	0.047	<1	1.65	0.007	0.08	0.1	0.02	2.4	0.3	<0.05	5	<0.5	<0.2
1126084	Soil	8	21	0.27	108	0.046	2	1.38	0.011	0.05	0.1	0.03	1.6	0.2	<0.05	5	<0.5	<0.2
1115331	Soil	10	20	0.37	101	0.075	<1	1.37	0.015	0.07	0.2	0.02	2.4	0.1	<0.05	5	0.6	<0.2
1126001	Soil	10	26	0.40	164	0.043	3	1.47	0.010	0.06	0.2	0.06	2.5	0.2	<0.05	5	<0.5	<0.2
1126062	Soil	11	24	0.41	88	0.075	<1	1.58	0.009	0.05	0.1	0.04	2.5	0.2	<0.05	4	<0.5	<0.2
1115302	Soil	8	11	0.18	91	0.007	2	1.55	0.004	0.12	0.1	0.02	1.4	0.7	<0.05	3	<0.5	<0.2
1126059	Soil	15	20	0.27	115	0.063	1	1.34	0.008	0.07	0.1	0.02	2.0	0.2	<0.05	4	<0.5	<0.2
1126003	Soil	11	23	0.27	161	0.024	2	1.76	0.009	0.07	0.2	0.08	2.5	0.2	<0.05	6	<0.5	<0.2
1115332	Soil	20	9	0.15	63	0.052	<1	0.79	0.006	0.13	<0.1	0.03	1.3	0.3	<0.05	7	<0.5	<0.2
1115325	Soil	15	28	0.66	113	0.118	<1	1.87	0.010	0.17	0.1	0.02	3.4	0.3	<0.05	5	<0.5	<0.2
1115328	Soil	19	36	0.61	211	0.144	<1	1.44	0.010	0.47	0.1	0.01	5.2	1.2	<0.05	6	<0.5	<0.2
1115307	Soil	17	35	0.60	140	0.095	<1	1.56	0.011	0.19	0.6	0.03	3.7	0.5	<0.05	5	<0.5	<0.2
1126080	Soil	12	23	0.37	110	0.066	<1	1.47	0.012	0.08	0.1	0.02	2.1	0.2	0.06	5	0.6	<0.2
1115305	Soil	12	20	0.32	77	0.071	<1	1.23	0.016	0.06	0.2	0.02	2.1	0.2	0.05	4	1.0	<0.2
1126075	Soil	12	19	0.31	83	0.059	1	1.31	0.010	0.06	0.1	0.01	1.7	0.2	<0.05	4	<0.5	<0.2
1126027	Soil	11	27	0.56	191	0.066	2	1.78	0.009	0.06	0.2	0.04	2.6	0.1	<0.05	7	0.7	<0.2
1126076	Soil	14	24	0.38	113	0.062	<1	1.47	0.017	0.07	0.1	0.03	3.3	0.3	<0.05	4	0.5	<0.2
1126068	Soil	11	28	0.52	107	0.082	1	1.81	0.011	0.06	0.2	0.02	2.6	<0.1	<0.05	5	0.7	<0.2
1126083	Soil	9	21	0.30	111	0.055	<1	1.47	0.015	0.05	0.1	0.03	1.9	0.1	<0.05	5	0.7	<0.2
1115315	Soil	18	22	0.40	115	0.097	<1	1.34	0.022	0.15	0.2	0.02	3.4	0.3	<0.05	5	0.8	<0.2
1115881	Soil	13	27	0.45	146	0.067	<1	1.69	0.009	0.06	0.2	0.03	3.1	0.2	<0.05	5	0.7	<0.2

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Project: ECH
Report Date: August 15, 2011

QUALITY CONTROL REPORT DAW11000105.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1115878	Soil	0.6	9.4	15.4	53	<0.1	11.6	5.6	190	1.85	5.5	4.6	1.1	2.1	11	0.1	0.4	1.2	38	0.15	0.058
REP 1115878	QC	0.7	10.2	16.2	56	<0.1	12.9	5.6	195	1.92	5.7	4.7	1.7	2.3	12	<0.1	0.4	1.3	40	0.16	0.060
1126063	Soil	0.4	16.1	6.2	49	<0.1	16.4	7.2	553	1.92	5.1	3.3	2.3	3.3	13	0.2	0.3	0.9	41	0.20	0.075
REP 1126063	QC	0.5	15.4	6.2	48	<0.1	16.1	7.2	548	1.88	4.8	3.3	0.9	3.3	13	0.2	0.3	0.9	41	0.19	0.072
1115863	Soil	1.2	15.1	11.4	55	<0.1	13.2	5.6	275	2.29	7.8	2.0	1.7	0.9	8	0.3	0.5	0.9	58	0.08	0.049
REP 1115863	QC	1.0	14.9	11.2	55	<0.1	12.8	5.5	297	2.34	7.5	2.0	3.8	0.9	8	0.1	0.5	1.0	63	0.08	0.046
1114687	Soil	0.6	18.7	9.1	55	<0.1	20.6	7.8	325	2.42	6.0	1.6	8.4	2.7	14	0.2	0.5	0.5	50	0.19	0.062
REP 1114687	QC	0.6	18.2	8.5	55	<0.1	19.2	7.6	308	2.41	5.6	1.6	<0.5	2.8	14	0.2	0.5	0.5	50	0.20	0.057
1126103	Soil	0.9	23.0	12.5	55	<0.1	22.2	9.7	312	2.82	9.2	1.3	1.7	2.2	11	0.1	0.6	0.2	62	0.12	0.035
REP 1126103	QC	0.8	22.4	12.4	55	<0.1	22.4	9.4	307	2.75	9.3	1.2	3.0	2.1	11	0.1	0.6	0.2	61	0.11	0.035
1115816	Soil	0.7	14.4	8.8	52	<0.1	16.6	8.2	278	1.94	3.7	2.1	2.6	3.8	13	0.1	0.5	0.5	50	0.22	0.069
REP 1115816	QC	0.7	15.1	8.8	51	<0.1	17.0	8.4	280	1.93	3.7	2.1	3.5	3.8	13	0.1	0.4	0.5	50	0.24	0.069
1113175	Soil	0.8	12.2	16.0	55	<0.1	12.8	6.1	340	2.28	6.0	3.0	1.9	2.4	9	0.2	0.4	1.9	47	0.10	0.046
REP 1113175	QC	0.9	12.3	16.5	55	<0.1	13.4	6.0	344	2.31	6.1	3.1	2.3	2.3	10	0.3	0.4	2.0	47	0.10	0.045
1126101	Soil	0.9	12.8	18.9	54	<0.1	13.7	7.0	324	2.76	5.3	2.4	1.7	2.7	11	0.2	0.4	0.9	56	0.14	0.044
REP 1126101	QC	0.9	13.0	18.6	52	<0.1	13.8	6.8	313	2.66	5.2	2.3	3.1	2.7	11	0.3	0.4	0.9	54	0.14	0.044
1113187	Soil	0.5	15.1	9.4	53	0.1	15.7	7.7	208	2.20	6.7	1.9	3.4	3.5	19	0.2	0.4	0.7	51	0.23	0.064
REP 1113187	QC	0.5	15.1	9.7	54	<0.1	16.1	8.0	209	2.28	6.9	2.0	1.6	3.6	20	0.2	0.5	0.7	53	0.24	0.064
1113186	Soil	0.6	16.5	9.9	56	0.1	17.3	8.0	197	2.38	7.3	2.2	2.2	3.5	22	0.2	0.4	0.7	55	0.25	0.065
REP 1113186	QC	0.5	16.5	9.8	57	0.1	17.6	8.1	203	2.44	7.5	2.3	5.2	3.7	21	0.1	0.5	0.6	56	0.26	0.067
1114349	Soil	1.3	16.1	32.1	89	0.3	19.5	11.0	867	3.15	8.6	4.8	3.0	1.4	18	0.2	0.5	4.0	71	0.22	0.098
REP 1114349	QC	1.4	15.9	32.1	87	0.2	20.0	10.7	893	3.22	8.7	4.8	3.1	1.4	18	0.1	0.5	4.0	69	0.23	0.093
1114398	Soil	0.9	18.7	17.0	59	<0.1	22.5	10.5	365	2.67	7.7	1.2	1.6	3.3	14	0.2	0.5	0.4	62	0.16	0.034
REP 1114398	QC	1.0	18.4	16.3	56	<0.1	22.3	10.3	357	2.60	7.5	1.2	2.0	3.2	14	0.2	0.5	0.4	59	0.16	0.035
1114385	Soil	1.1	18.8	13.1	75	<0.1	19.0	10.3	740	3.05	4.5	8.0	2.8	5.4	14	0.3	0.5	0.5	56	0.22	0.086
REP 1114385	QC	1.2	19.3	13.5	76	<0.1	19.9	10.7	737	3.07	4.4	7.8	3.7	5.5	14	0.3	0.5	0.5	55	0.21	0.084
1117153	Soil	0.4	14.4	10.1	45	<0.1	12.2	7.1	289	2.01	4.5	3.0	2.5	5.2	17	0.1	0.3	0.5	38	0.26	0.053
REP 1117153	QC	0.4	13.8	10.0	45	<0.1	12.3	7.1	286	2.01	4.0	3.1	4.5	5.2	17	0.2	0.3	0.4	39	0.25	0.056

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Report Date: August 15, 2011

QUALITY CONTROL REPORT DAW11000105.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1115878	Soil	8	19	0.36	94	0.028	2	1.26	0.007	0.04	0.2	0.03	1.7	0.2	<0.05	4	<0.5	<0.2
REP 1115878	QC	9	20	0.37	101	0.028	2	1.30	0.007	0.04	0.2	0.03	1.7	0.2	<0.05	4	<0.5	<0.2
1126063	Soil	10	21	0.34	91	0.069	<1	1.23	0.010	0.05	0.1	0.02	2.3	0.1	<0.05	3	<0.5	<0.2
REP 1126063	QC	10	21	0.33	91	0.069	<1	1.19	0.009	0.05	0.1	0.02	2.2	0.1	<0.05	3	<0.5	<0.2
1115863	Soil	7	20	0.21	71	0.042	2	1.36	0.006	0.05	<0.1	0.07	1.2	0.2	0.11	6	<0.5	<0.2
REP 1115863	QC	7	22	0.23	71	0.044	<1	1.35	0.006	0.04	<0.1	0.06	1.3	0.2	0.07	6	<0.5	<0.2
1114687	Soil	10	25	0.41	107	0.069	<1	1.64	0.008	0.07	0.2	0.06	2.2	0.1	<0.05	5	<0.5	<0.2
REP 1114687	QC	9	25	0.41	102	0.069	<1	1.56	0.008	0.07	0.1	0.05	2.2	0.1	<0.05	5	<0.5	<0.2
1126103	Soil	12	30	0.54	102	0.069	2	2.10	0.008	0.07	0.1	0.04	3.1	0.1	<0.05	6	<0.5	<0.2
REP 1126103	QC	12	29	0.54	100	0.066	2	2.10	0.008	0.06	0.1	0.03	3.0	0.1	<0.05	6	<0.5	<0.2
1115816	Soil	11	26	0.50	95	0.103	<1	1.81	0.007	0.09	0.2	0.03	2.6	0.2	<0.05	6	<0.5	<0.2
REP 1115816	QC	11	27	0.51	96	0.102	2	1.78	0.009	0.09	0.2	0.03	2.6	0.2	<0.05	6	<0.5	<0.2
1113175	Soil	8	20	0.28	59	0.041	1	1.79	0.007	0.05	0.1	0.06	1.6	0.1	<0.05	5	<0.5	<0.2
REP 1113175	QC	8	21	0.28	61	0.046	1	1.80	0.007	0.05	0.2	0.06	1.7	0.1	<0.05	5	<0.5	<0.2
1126101	Soil	11	24	0.39	84	0.059	<1	1.78	0.008	0.09	0.1	0.04	2.2	0.2	<0.05	6	<0.5	<0.2
REP 1126101	QC	11	24	0.37	82	0.055	<1	1.72	0.008	0.09	0.1	0.03	2.1	0.2	<0.05	6	<0.5	<0.2
1113187	Soil	11	26	0.43	196	0.062	<1	1.64	0.011	0.04	0.2	0.05	3.3	0.1	<0.05	5	<0.5	<0.2
REP 1113187	QC	12	28	0.44	203	0.066	1	1.74	0.011	0.05	0.2	0.04	3.5	0.1	<0.05	5	<0.5	<0.2
1113186	Soil	12	29	0.41	214	0.065	1	1.67	0.012	0.05	0.2	0.05	3.8	0.1	<0.05	5	<0.5	<0.2
REP 1113186	QC	12	28	0.43	205	0.067	<1	1.76	0.012	0.05	0.2	0.05	3.7	0.1	<0.05	5	<0.5	<0.2
1114349	Soil	9	41	0.47	172	0.038	2	2.55	0.009	0.11	0.1	0.07	3.3	0.2	0.06	8	<0.5	<0.2
REP 1114349	QC	9	40	0.48	171	0.034	2	2.53	0.009	0.11	0.1	0.06	3.3	0.2	0.06	8	<0.5	<0.2
1114398	Soil	10	28	0.50	97	0.074	1	2.02	0.011	0.07	0.2	0.04	2.9	0.1	<0.05	6	<0.5	<0.2
REP 1114398	QC	10	28	0.49	93	0.071	2	2.03	0.011	0.07	0.1	0.03	2.9	0.1	<0.05	5	<0.5	<0.2
1114385	Soil	17	23	0.41	106	0.078	1	1.73	0.010	0.14	0.2	0.04	3.5	0.7	<0.05	6	<0.5	<0.2
REP 1114385	QC	17	23	0.42	106	0.076	<1	1.74	0.010	0.15	0.1	0.06	3.3	0.7	<0.05	6	<0.5	<0.2
1117153	Soil	14	22	0.32	97	0.079	<1	1.51	0.011	0.08	0.1	0.03	3.3	0.2	<0.05	4	<0.5	<0.2
REP 1117153	QC	15	23	0.33	98	0.079	<1	1.51	0.011	0.08	0.1	0.02	3.3	0.2	<0.05	5	<0.5	<0.2

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

Project: ECH
Report Date: August 15, 2011

QUALITY CONTROL REPORT DAW11000105.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1126011	Soil	0.6	10.7	9.8	51	<0.1	13.7	4.3	133	1.99	5.7	5.0	2.0	2.0	14	0.1	0.3	1.3	46	0.20	0.065
REP 1126011	QC	0.6	10.6	9.7	52	<0.1	14.1	4.3	132	1.97	6.0	4.8	3.1	1.9	14	0.2	0.3	1.3	45	0.21	0.067
1126064	Soil	0.5	18.1	6.4	53	<0.1	19.9	8.5	411	2.03	5.2	2.2	3.8	3.1	17	0.2	0.4	0.7	50	0.26	0.068
REP 1126064	QC	0.5	17.3	6.4	52	<0.1	18.9	8.6	396	1.94	4.9	2.2	2.4	2.9	16	0.2	0.3	0.7	49	0.26	0.065
1115313	Soil	0.4	14.0	17.1	57	<0.1	15.9	5.8	174	1.99	3.5	3.6	3.7	6.5	17	<0.1	0.5	0.5	47	0.29	0.062
REP 1115313	QC	0.5	14.5	18.5	61	<0.1	17.7	6.2	192	2.13	4.6	3.8	0.7	7.0	19	0.1	0.3	0.6	49	0.28	0.066
1126004	Soil	0.9	17.3	17.9	66	0.1	16.6	7.6	348	2.26	5.0	8.9	<0.5	2.9	15	0.2	0.3	1.1	54	0.21	0.075
REP 1126004	QC	0.9	17.4	18.7	65	0.2	16.2	7.8	347	2.32	5.5	9.1	2.8	3.0	16	0.1	0.4	1.2	54	0.21	0.078
1115331	Soil	0.6	22.3	7.3	61	<0.1	15.6	6.6	207	2.02	2.8	7.0	1.0	2.2	16	0.2	0.3	0.6	47	0.23	0.075
REP 1115331	QC	0.6	21.7	7.3	58	<0.1	15.8	6.1	213	1.99	2.8	7.1	2.1	2.2	15	0.2	0.3	0.7	48	0.24	0.075
Reference Materials																					
STD DS8	Standard	14.0	110.8	129.0	318	1.8	38.9	7.4	622	2.53	27.8	3.0	112.6	7.3	71	2.3	6.0	6.8	45	0.69	0.079
STD DS8	Standard	13.2	109.6	103.4	305	1.8	37.7	7.3	598	2.43	25.7	2.4	117.3	5.6	57	2.3	4.8	6.0	42	0.62	0.081
STD DS8	Standard	13.4	113.0	121.4	317	1.9	38.6	7.9	615	2.47	27.2	2.7	116.9	6.8	68	2.4	5.6	6.8	43	0.74	0.077
STD DS8	Standard	11.7	106.3	116.5	299	1.8	37.2	7.2	572	2.32	25.9	2.5	103.8	6.0	59	2.4	5.5	6.6	39	0.66	0.074
STD DS8	Standard	13.1	110.6	120.3	311	1.8	38.1	7.9	597	2.43	26.0	2.6	116.9	6.4	64	2.4	6.0	6.9	41	0.70	0.078
STD DS8	Standard	15.0	105.0	135.4	313	2.0	39.5	8.1	638	2.56	25.1	2.9	115.7	7.4	69	2.4	5.8	7.1	45	0.73	0.080
STD DS8	Standard	12.3	112.3	116.2	312	1.8	38.6	8.0	613	2.43	27.4	2.6	104.1	6.2	59	2.3	5.5	6.4	43	0.65	0.076
STD DS8	Standard	12.9	109.0	117.1	309	1.7	37.7	7.4	588	2.38	27.3	2.7	102.1	6.6	64	2.3	5.4	6.2	41	0.67	0.081
STD DS8	Standard	13.1	108.5	109.1	310	1.7	38.3	7.5	619	2.46	26.0	2.4	113.1	5.9	62	2.4	5.2	5.9	43	0.70	0.076
STD DS8	Standard	12.7	105.7	122.4	301	1.8	37.5	7.4	599	2.40	24.7	2.6	108.8	6.0	60	2.1	4.8	5.7	42	0.66	0.076
STD DS8	Standard	14.3	110.2	127.9	314	1.8	38.0	7.6	631	2.49	26.6	2.9	114.7	7.5	72	2.2	6.3	6.9	44	0.74	0.079
STD DS8	Standard	12.7	106.2	106.4	308	1.8	37.8	7.3	608	2.39	26.0	2.3	116.5	6.0	60	2.1	4.8	5.9	41	0.72	0.077
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Project: ECH
Report Date: August 15, 2011

QUALITY CONTROL REPORT DAW11000105.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1126011	Soil	10	23	0.34	99	0.056	<1	1.35	0.009	0.06	0.2	0.03	2.1	0.1	<0.05	5	<0.5	<0.2
REP 1126011	QC	11	23	0.34	101	0.061	<1	1.38	0.009	0.06	0.1	0.03	2.2	0.1	<0.05	5	<0.5	<0.2
1126064	Soil	10	23	0.37	104	0.084	<1	1.45	0.014	0.06	0.1	0.02	2.2	0.1	<0.05	4	<0.5	<0.2
REP 1126064	QC	10	22	0.37	104	0.082	<1	1.44	0.014	0.05	0.1	0.03	2.1	0.1	<0.05	4	<0.5	<0.2
1115313	Soil	15	26	0.38	114	0.082	2	1.49	0.010	0.12	0.2	0.05	3.4	0.3	<0.05	5	<0.5	<0.2
REP 1115313	QC	16	28	0.40	120	0.084	2	1.57	0.010	0.13	0.2	0.06	3.3	0.3	<0.05	5	<0.5	<0.2
1126004	Soil	13	28	0.37	138	0.046	2	1.68	0.009	0.07	0.2	0.07	3.0	0.2	<0.05	5	<0.5	<0.2
REP 1126004	QC	13	29	0.39	138	0.051	1	1.77	0.010	0.07	0.1	0.05	3.1	0.2	<0.05	6	0.6	<0.2
1115331	Soil	10	20	0.37	101	0.075	<1	1.37	0.015	0.07	0.2	0.02	2.4	0.1	<0.05	5	0.6	<0.2
REP 1115331	QC	10	21	0.38	105	0.072	1	1.41	0.015	0.07	0.1	0.03	2.4	0.1	<0.05	5	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	16	113	0.63	294	0.116	3	0.94	0.107	0.42	3.0	0.22	2.2	5.5	0.16	5	5.8	5.1
STD DS8	Standard	13	118	0.59	284	0.104	2	0.87	0.082	0.41	2.9	0.19	2.1	5.2	0.16	4	5.3	4.8
STD DS8	Standard	15	120	0.61	287	0.124	3	0.93	0.086	0.42	3.0	0.20	2.2	5.4	0.18	5	5.8	5.4
STD DS8	Standard	12	110	0.58	260	0.103	4	0.85	0.077	0.39	2.6	0.18	1.9	5.3	0.15	4	4.5	4.4
STD DS8	Standard	13	113	0.61	273	0.112	2	0.87	0.083	0.41	3.0	0.22	2.0	5.4	0.15	5	5.1	4.8
STD DS8	Standard	16	119	0.65	315	0.116	3	0.97	0.099	0.45	3.2	0.21	2.1	5.7	0.16	5	5.4	5.0
STD DS8	Standard	12	117	0.57	267	0.104	1	0.81	0.078	0.42	2.8	0.25	1.7	5.4	0.16	5	5.2	4.7
STD DS8	Standard	13	115	0.60	266	0.111	2	0.87	0.085	0.42	2.8	0.19	2.2	5.2	0.17	5	5.3	4.8
STD DS8	Standard	14	116	0.58	279	0.110	2	0.89	0.090	0.41	2.9	0.19	2.3	5.4	0.15	5	5.7	5.0
STD DS8	Standard	13	115	0.53	266	0.114	2	0.87	0.089	0.41	3.0	0.20	1.9	5.2	0.17	5	5.2	4.9
STD DS8	Standard	17	123	0.61	292	0.135	3	0.95	0.103	0.43	3.0	0.20	2.7	5.2	0.15	5	5.0	4.9
STD DS8	Standard	14	115	0.60	268	0.108	3	0.91	0.091	0.41	3.1	0.21	2.3	5.1	0.16	5	5.7	4.9
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Project: ECH
Report Date: August 15, 2011

QUALITY CONTROL REPORT DAW11000105.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	0.8	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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

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

Project: ECH
Report Date: August 15, 2011

QUALITY CONTROL REPORT DAW11000105.1

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

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

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: August 02, 2011
Report Date: August 13, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS DAW11000108.1

CLIENT JOB INFORMATION

Project: ECH
Shipment ID: ECH2011-15
P.O. Number
Number of Samples: 329

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	329	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	329	Dry at 60C			WHI
1DX2	329	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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

Project: ECH
Report Date: August 13, 2011

CERTIFICATE OF ANALYSIS DAW11000108.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1113551	Soil		0.5	20.2	8.9	55	<0.1	19.7	7.2	236	2.24	4.2	0.9	2.7	3.3	19	0.1	0.4	0.3	56	0.24	0.066
1113552	Soil		0.5	22.5	11.7	50	<0.1	19.5	7.2	301	2.36	5.5	1.2	1.0	3.7	21	0.1	0.4	0.3	57	0.26	0.050
1113553	Soil		0.6	24.0	11.1	52	<0.1	20.4	7.9	177	2.82	7.2	1.3	3.5	3.7	21	0.1	0.5	0.4	68	0.26	0.057
1113554	Soil		0.4	18.5	9.2	46	<0.1	16.6	6.7	203	2.24	5.7	1.1	1.7	3.7	19	0.2	0.4	0.3	57	0.25	0.055
1113555	Soil		0.3	17.3	10.8	50	<0.1	15.2	6.4	315	2.00	4.6	1.9	1.6	3.8	22	<0.1	0.4	0.7	47	0.31	0.055
1113556	Soil		0.2	13.7	8.9	42	<0.1	15.4	5.5	130	2.20	4.4	1.5	1.4	3.3	15	0.1	0.4	0.3	52	0.20	0.043
1113557	Soil		0.7	19.1	9.0	54	<0.1	23.5	10.9	440	2.63	7.6	1.2	2.3	3.3	14	0.1	0.4	0.2	61	0.18	0.044
1113558	Soil		0.8	15.2	8.6	49	<0.1	19.2	8.2	286	2.42	6.7	0.8	3.3	2.6	12	0.2	0.4	0.2	61	0.14	0.043
1113559	Soil		0.4	22.1	9.5	58	<0.1	20.5	9.1	220	2.46	6.0	1.6	3.0	4.7	19	0.2	0.4	0.2	60	0.28	0.058
1113560	Soil		0.8	24.9	9.1	71	<0.1	28.7	11.1	437	3.12	7.3	1.6	4.3	4.2	19	0.2	0.4	0.2	71	0.27	0.054
1113561	Soil		0.6	25.5	7.8	58	<0.1	30.9	11.4	472	2.91	6.6	1.5	3.7	4.7	20	0.1	0.4	0.2	72	0.26	0.049
1113579	Soil		0.6	18.4	12.8	66	0.1	17.0	9.5	320	3.16	5.7	10.1	1.6	6.4	18	0.1	0.4	0.3	75	0.27	0.065
1113580	Soil		0.2	20.3	12.1	59	<0.1	17.5	7.9	221	2.15	2.4	12.7	3.5	7.2	16	0.2	0.3	0.3	68	0.21	0.042
1113581	Soil		0.3	20.1	11.3	58	<0.1	16.6	7.8	226	2.11	2.0	12.1	1.7	7.1	15	<0.1	0.3	0.3	66	0.21	0.041
1113582	Soil		0.6	16.8	13.1	59	0.1	16.5	11.2	633	2.67	3.9	10.3	4.1	4.1	21	0.1	0.3	0.4	63	0.26	0.057
1115883	Soil		0.9	23.2	13.2	49	<0.1	12.4	5.5	205	2.84	4.2	19.4	2.2	4.2	11	0.1	0.3	0.7	69	0.11	0.035
1113563	Soil		0.6	27.3	6.8	59	<0.1	26.7	12.5	371	2.98	4.9	1.7	2.2	3.9	19	<0.1	0.3	0.3	76	0.36	0.099
1113565	Soil		0.5	23.0	8.1	70	<0.1	22.8	10.4	472	3.06	3.9	3.8	3.5	5.2	17	0.1	0.3	0.2	74	0.28	0.060
1113564	Soil		0.8	25.2	8.6	68	<0.1	29.8	12.7	514	3.09	7.6	1.5	2.5	3.6	16	0.2	0.5	0.2	70	0.25	0.044
1113562	Soil		0.6	26.7	6.6	64	<0.1	23.5	11.3	475	3.15	4.6	2.5	4.1	5.8	20	0.2	0.4	0.1	69	0.30	0.071
1113578	Soil		0.4	17.2	12.3	62	<0.1	15.7	8.6	271	2.79	4.7	8.1	0.6	6.9	21	0.1	0.4	0.3	67	0.29	0.056
1115882	Soil		0.6	13.4	10.1	52	<0.1	13.2	7.2	262	2.69	4.1	7.6	2.0	5.5	15	<0.1	0.3	0.4	59	0.23	0.061
1113566	Soil		0.7	20.3	10.2	60	0.2	20.9	12.0	763	2.74	4.2	7.9	1.2	2.5	22	0.2	0.3	0.2	64	0.27	0.072
1113568	Soil		0.7	26.0	9.1	60	<0.1	22.5	9.5	449	2.74	5.7	5.0	1.6	2.6	19	0.1	0.4	0.2	65	0.27	0.076
1113569	Soil		0.5	24.2	9.9	66	<0.1	22.9	10.1	502	2.80	5.0	6.8	1.9	5.1	20	0.2	0.4	0.2	67	0.32	0.080
1113567	Soil		1.2	19.1	9.9	63	0.1	19.7	7.9	296	2.85	5.4	4.9	1.5	2.2	18	0.4	0.4	0.2	69	0.20	0.049
1113570	Soil		0.5	28.1	9.8	70	0.1	25.3	13.2	398	3.27	4.1	11.6	2.7	6.7	25	0.1	0.4	0.2	84	0.39	0.090
1113572	Soil		0.4	22.3	7.1	60	<0.1	19.8	11.1	391	2.99	3.3	3.8	<0.5	6.1	19	<0.1	0.3	0.2	72	0.34	0.086
1113575	Soil		0.5	19.4	8.8	65	<0.1	21.0	12.3	490	3.40	4.6	4.3	0.7	6.1	20	<0.1	0.4	0.4	79	0.34	0.079
1113577	Soil		0.6	19.0	11.2	65	<0.1	17.4	10.2	448	3.28	4.7	7.1	2.2	6.0	18	<0.1	0.3	0.8	72	0.29	0.067

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

Project: ECH
Report Date: August 13, 2011

CERTIFICATE OF ANALYSIS DAW11000108.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1113551	Soil		12	31	0.43	134	0.090	1	1.64	0.012	0.08	0.1	0.03	3.7	0.1	<0.05	5	<0.5	<0.2
1113552	Soil		12	34	0.43	145	0.088	3	1.57	0.012	0.07	0.2	0.03	4.3	<0.1	<0.05	4	<0.5	<0.2
1113553	Soil		12	37	0.46	148	0.089	2	1.94	0.012	0.06	0.1	0.04	4.5	0.1	<0.05	5	<0.5	<0.2
1113554	Soil		12	31	0.39	129	0.083	2	1.65	0.010	0.06	0.1	0.03	3.7	<0.1	<0.05	5	<0.5	<0.2
1113555	Soil		11	26	0.35	115	0.066	1	1.27	0.014	0.09	<0.1	0.03	3.6	0.1	<0.05	4	0.6	<0.2
1113556	Soil		10	29	0.36	94	0.084	2	1.61	0.010	0.09	0.1	0.04	3.0	0.1	<0.05	5	<0.5	<0.2
1113557	Soil		8	30	0.47	112	0.096	2	2.18	0.011	0.09	0.1	0.04	2.8	0.1	<0.05	6	<0.5	<0.2
1113558	Soil		9	29	0.43	75	0.087	2	2.02	0.009	0.08	0.2	0.04	2.5	0.1	<0.05	6	<0.5	<0.2
1113559	Soil		13	34	0.50	130	0.110	3	1.98	0.013	0.10	0.2	0.02	4.0	0.2	<0.05	5	<0.5	<0.2
1113560	Soil		11	42	0.67	163	0.122	3	2.29	0.013	0.16	0.2	0.04	4.5	0.2	<0.05	7	<0.5	<0.2
1113561	Soil		14	59	0.78	144	0.150	1	2.36	0.012	0.14	0.2	0.03	5.1	0.2	<0.05	7	<0.5	<0.2
1113579	Soil		16	37	0.55	208	0.129	3	2.36	0.012	0.18	0.4	0.04	5.9	0.4	<0.05	8	0.5	<0.2
1113580	Soil		18	33	0.45	225	0.133	2	1.93	0.011	0.21	0.3	0.04	6.0	0.3	<0.05	7	0.6	<0.2
1113581	Soil		17	33	0.41	221	0.132	2	1.78	0.011	0.19	0.3	0.03	5.7	0.3	<0.05	7	<0.5	<0.2
1113582	Soil		13	37	0.45	232	0.097	2	2.18	0.011	0.17	0.3	0.05	5.7	0.3	<0.05	8	<0.5	<0.2
1115883	Soil		20	36	0.32	136	0.112	2	2.41	0.009	0.15	0.3	0.05	5.8	0.3	<0.05	11	<0.5	<0.2
1113563	Soil		16	42	0.83	186	0.166	2	2.17	0.016	0.29	0.5	0.02	4.5	0.3	<0.05	7	<0.5	<0.2
1113565	Soil		18	39	0.88	170	0.179	2	2.10	0.014	0.34	0.2	0.03	5.4	0.4	<0.05	8	<0.5	<0.2
1113564	Soil		10	35	0.69	133	0.122	2	2.12	0.012	0.14	0.2	0.03	4.1	0.2	<0.05	6	<0.5	<0.2
1113562	Soil		17	37	0.72	181	0.169	2	2.01	0.013	0.26	0.2	0.04	5.0	0.3	<0.05	7	<0.5	<0.2
1113578	Soil		16	34	0.54	201	0.128	1	2.16	0.011	0.18	0.3	0.04	5.5	0.3	<0.05	7	<0.5	<0.2
1115882	Soil		13	30	0.45	150	0.099	2	1.84	0.009	0.14	0.3	0.04	4.1	0.3	<0.05	7	<0.5	<0.2
1113566	Soil		14	33	0.51	185	0.102	2	2.13	0.017	0.13	0.2	0.05	4.1	0.2	0.06	7	<0.5	<0.2
1113568	Soil		14	30	0.50	167	0.097	2	2.04	0.017	0.09	0.2	0.02	3.9	0.2	<0.05	6	<0.5	<0.2
1113569	Soil		16	36	0.61	199	0.121	2	2.01	0.014	0.19	0.3	0.03	4.9	0.3	<0.05	6	<0.5	<0.2
1113567	Soil		10	31	0.50	135	0.104	2	2.10	0.013	0.10	0.2	0.06	3.0	0.2	0.06	7	<0.5	<0.2
1113570	Soil		19	42	0.83	342	0.170	3	2.15	0.015	0.31	0.3	0.05	7.3	0.4	<0.05	8	<0.5	<0.2
1113572	Soil		18	34	0.80	212	0.158	2	2.14	0.012	0.29	0.3	0.03	5.3	0.3	<0.05	7	<0.5	<0.2
1113575	Soil		14	40	0.78	199	0.160	2	2.29	0.013	0.33	0.8	0.01	5.4	0.4	<0.05	8	<0.5	<0.2
1113577	Soil		15	35	0.61	200	0.133	2	2.26	0.011	0.22	0.3	0.03	5.0	0.3	<0.05	8	<0.5	<0.2

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Vancouver BC V6C 1H2 Canada

Project: ECH
Report Date: August 13, 2011

CERTIFICATE OF ANALYSIS DAW11000108.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1113571	Soil		0.6	7.4	4.5	33	<0.1	7.5	4.4	155	1.78	1.3	1.0	0.5	1.1	9	<0.1	0.2	0.1	44	0.09	0.024
1113573	Soil		0.5	30.8	7.9	67	<0.1	22.8	10.7	359	3.28	4.3	6.2	3.7	6.7	24	0.1	0.3	0.4	75	0.38	0.084
1113574	Soil		0.6	20.5	9.3	69	<0.1	22.5	12.3	483	3.38	4.6	4.5	1.7	6.2	22	<0.1	0.3	0.5	79	0.35	0.084
1113576	Soil		1.0	22.8	17.0	87	<0.1	23.4	11.7	503	3.98	6.0	5.2	0.7	5.8	23	0.2	0.4	0.5	92	0.30	0.065
1114729	Soil		0.7	31.5	13.8	126	<0.1	45.5	26.5	662	5.48	<0.5	2.1	<0.5	3.3	5	<0.1	<0.1	0.5	73	0.18	0.081
1114730	Soil		0.7	34.2	14.7	136	<0.1	49.2	30.0	742	6.31	<0.5	1.9	<0.5	3.2	5	<0.1	<0.1	0.5	79	0.14	0.063
1114731	Soil		0.6	28.1	9.3	73	<0.1	27.4	13.2	354	3.35	5.4	2.2	6.6	6.1	11	<0.1	0.2	0.5	52	0.19	0.064
1114732	Soil		0.9	33.4	10.9	86	<0.1	33.0	13.9	482	3.75	7.3	1.8	3.0	5.4	29	0.2	0.3	0.3	63	0.36	0.073
1114724	Soil		0.9	24.9	9.6	60	<0.1	25.0	11.0	370	3.06	7.5	1.7	3.5	3.6	15	0.1	0.5	0.7	55	0.15	0.044
1114719	Soil		0.6	18.2	7.3	83	<0.1	30.1	21.0	555	4.44	59.5	0.6	2.6	2.7	13	<0.1	0.2	0.2	92	0.16	0.032
1114723	Soil		0.9	24.8	8.7	63	<0.1	28.4	12.2	438	3.16	8.7	1.0	2.5	3.3	15	<0.1	0.4	0.5	55	0.16	0.040
1114727	Soil		0.8	23.3	8.5	61	<0.1	28.9	11.9	401	2.92	8.4	2.1	1.7	3.5	14	<0.1	0.4	0.6	59	0.17	0.036
1114725	Soil		1.0	23.0	9.4	61	<0.1	27.6	11.6	419	3.16	7.3	0.9	2.4	3.7	14	0.1	0.4	0.4	60	0.15	0.034
1114726	Soil		0.9	23.0	8.8	60	<0.1	28.1	11.5	395	2.79	7.9	2.1	1.2	3.5	15	<0.1	0.4	1.1	57	0.17	0.037
1114721	Soil		0.9	24.3	8.5	60	<0.1	24.6	10.6	377	3.08	7.8	1.4	4.1	4.0	13	<0.1	0.4	0.3	58	0.17	0.036
1114728	Soil		0.9	19.1	9.2	56	<0.1	21.6	9.2	359	3.00	17.1	1.0	5.6	2.0	13	0.1	0.4	0.3	61	0.16	0.042
1114713	Soil		0.6	21.5	8.0	56	<0.1	23.7	9.4	279	2.69	5.5	1.6	2.9	4.3	16	0.2	0.3	0.3	59	0.24	0.049
1114714	Soil		0.7	22.3	7.6	58	<0.1	23.7	10.0	366	2.83	6.6	2.2	4.4	5.4	15	<0.1	0.3	0.2	59	0.22	0.050
1114715	Soil		0.9	22.7	7.6	58	<0.1	23.7	10.3	420	2.85	7.4	1.8	2.8	5.0	16	0.1	0.5	0.2	62	0.22	0.047
1114717	Soil		0.9	18.5	10.2	63	<0.1	22.4	11.7	543	3.31	7.4	1.6	2.4	5.3	13	0.2	0.4	0.2	63	0.16	0.033
1114722	Soil		0.7	26.6	9.2	62	<0.1	32.3	13.8	461	2.91	7.9	0.9	3.9	3.7	15	0.1	0.4	0.3	56	0.18	0.033
1114720	Soil		0.9	21.2	8.3	58	<0.1	24.3	11.9	395	2.73	6.6	1.3	6.5	4.2	16	<0.1	0.4	0.4	56	0.18	0.037
1114716	Soil		0.7	25.2	7.8	66	<0.1	24.9	11.0	372	3.03	7.3	2.3	4.6	5.6	26	0.2	0.4	0.2	65	0.37	0.095
1114699	Soil		0.4	23.0	9.2	58	<0.1	20.8	9.1	206	2.55	6.4	1.1	6.7	4.9	20	0.1	0.4	0.2	58	0.27	0.052
1114701	Soil		0.8	17.7	8.3	53	<0.1	19.3	7.6	311	2.55	6.8	1.6	8.1	2.3	15	0.2	0.4	0.2	58	0.22	0.056
1114704	Soil		0.7	27.2	8.9	71	<0.1	26.1	11.7	510	3.12	7.6	1.0	3.7	4.5	17	0.1	0.4	0.2	70	0.25	0.052
1114702	Soil		0.6	25.5	11.1	67	<0.1	25.3	11.5	499	2.97	7.6	1.0	4.1	4.5	14	<0.1	0.4	0.2	64	0.17	0.034
1114703	Soil		0.8	25.7	8.6	61	<0.1	26.2	11.1	388	2.93	8.0	2.1	3.2	4.4	16	0.1	0.4	0.2	69	0.23	0.050
1114705	Soil		0.8	20.5	9.2	57	<0.1	23.7	10.9	380	2.95	7.5	0.7	3.0	2.7	12	0.1	0.4	0.2	59	0.15	0.043
1114700	Soil		0.5	18.0	9.8	64	<0.1	19.1	7.8	294	2.48	5.7	1.1	3.2	3.9	14	<0.1	0.3	0.2	54	0.22	0.064

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

Project: ECH
Report Date: August 13, 2011

CERTIFICATE OF ANALYSIS DAW11000108.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1113571	Soil	4	14	0.27	64	0.083	<1	0.94	0.019	0.06	0.1	0.01	1.4	<0.1	<0.05	5	0.6	<0.2
1113573	Soil	21	39	0.77	280	0.155	1	2.02	0.014	0.33	0.6	0.03	7.1	0.3	<0.05	7	<0.5	<0.2
1113574	Soil	15	39	0.79	216	0.161	3	2.36	0.012	0.33	0.9	0.03	5.4	0.4	<0.05	8	0.6	<0.2
1113576	Soil	15	45	0.76	257	0.161	3	2.78	0.012	0.32	0.5	0.03	5.6	0.4	0.05	10	<0.5	<0.2
1114729	Soil	11	72	1.12	417	0.339	3	3.18	0.031	1.88	0.2	<0.01	7.0	1.4	<0.05	13	<0.5	<0.2
1114730	Soil	10	81	1.32	456	0.363	3	3.75	0.037	2.03	0.2	<0.01	7.5	1.4	<0.05	14	<0.5	<0.2
1114731	Soil	18	40	0.78	176	0.194	2	2.35	0.016	0.72	0.1	0.03	3.9	0.5	<0.05	8	<0.5	<0.2
1114732	Soil	14	44	0.73	230	0.150	3	2.04	0.020	0.47	0.3	0.03	5.6	0.5	<0.05	7	<0.5	<0.2
1114724	Soil	13	30	0.62	106	0.120	2	2.06	0.011	0.27	0.2	0.04	2.8	0.3	<0.05	7	<0.5	<0.2
1114719	Soil	8	48	1.61	190	0.208	<1	2.95	0.014	0.58	0.1	0.02	4.8	0.4	0.05	10	<0.5	<0.2
1114723	Soil	12	33	0.66	101	0.130	2	2.06	0.012	0.27	0.2	0.05	2.8	0.3	0.07	6	0.8	<0.2
1114727	Soil	13	35	0.65	91	0.115	2	2.19	0.011	0.14	0.1	0.05	3.4	0.3	<0.05	6	<0.5	<0.2
1114725	Soil	12	34	0.64	107	0.132	2	2.05	0.012	0.27	0.1	0.05	3.0	0.3	<0.05	7	<0.5	<0.2
1114726	Soil	13	34	0.65	92	0.110	2	2.18	0.011	0.15	0.1	0.04	3.4	0.3	<0.05	6	<0.5	<0.2
1114721	Soil	13	34	0.65	101	0.133	1	2.23	0.010	0.23	0.2	0.04	3.3	0.3	<0.05	7	<0.5	<0.2
1114728	Soil	10	33	0.54	90	0.100	2	1.82	0.009	0.12	0.1	0.06	2.5	0.2	<0.05	7	0.6	<0.2
1114713	Soil	16	39	0.62	107	0.117	1	1.94	0.012	0.17	0.2	0.04	3.6	0.3	<0.05	6	<0.5	<0.2
1114714	Soil	15	32	0.63	112	0.123	2	2.17	0.012	0.21	0.2	0.04	3.6	0.4	<0.05	7	<0.5	<0.2
1114715	Soil	14	31	0.59	137	0.116	2	2.16	0.011	0.15	0.3	0.04	3.6	0.3	<0.05	6	<0.5	<0.2
1114717	Soil	13	31	0.73	103	0.145	2	2.27	0.011	0.30	0.2	0.04	3.8	0.5	<0.05	8	<0.5	<0.2
1114722	Soil	13	32	0.67	113	0.114	2	2.05	0.012	0.18	0.5	0.04	3.2	0.2	<0.05	6	<0.5	<0.2
1114720	Soil	14	30	0.59	92	0.118	2	1.89	0.011	0.19	0.1	0.04	3.0	0.3	<0.05	6	<0.5	<0.2
1114716	Soil	19	36	0.62	317	0.127	2	2.13	0.015	0.19	0.2	0.05	5.4	0.2	<0.05	7	<0.5	<0.2
1114699	Soil	15	33	0.54	142	0.112	1	2.05	0.011	0.13	0.1	0.03	4.3	0.2	<0.05	6	<0.5	<0.2
1114701	Soil	10	27	0.52	97	0.083	2	1.81	0.010	0.07	0.2	0.05	2.4	0.2	<0.05	6	0.6	<0.2
1114704	Soil	15	34	0.67	134	0.131	2	2.23	0.012	0.18	0.2	0.04	4.0	0.3	<0.05	7	<0.5	<0.2
1114702	Soil	15	33	0.73	104	0.122	2	2.45	0.010	0.13	0.1	0.04	3.7	0.2	<0.05	7	<0.5	<0.2
1114703	Soil	19	41	0.71	162	0.118	2	2.18	0.013	0.12	0.2	0.04	4.6	0.3	<0.05	7	0.6	<0.2
1114705	Soil	10	31	0.59	92	0.093	2	2.53	0.010	0.13	0.2	0.08	3.0	0.2	<0.05	6	<0.5	<0.2
1114700	Soil	14	29	0.63	96	0.101	1	2.24	0.009	0.20	0.1	0.02	3.2	0.3	<0.05	7	<0.5	<0.2

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Project: ECH
Report Date: August 13, 2011

CERTIFICATE OF ANALYSIS DAW11000108.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1114706	Soil	0.7	18.5	15.0	76	<0.1	19.5	8.1	255	2.60	6.9	0.8	2.7	3.8	16	0.2	0.3	0.3	51	0.24	0.056
1114708	Soil	0.7	23.7	9.2	62	<0.1	27.5	12.9	429	3.10	9.1	0.7	3.7	3.9	14	0.1	0.4	0.2	69	0.19	0.034
1114709	Soil	0.5	19.0	7.2	53	<0.1	24.0	11.4	329	3.09	5.1	0.9	2.0	4.8	14	0.1	0.3	0.2	61	0.22	0.050
1114707	Soil	0.6	15.6	7.1	71	<0.1	19.0	10.0	414	2.79	4.3	1.0	1.3	4.2	14	0.2	0.3	0.3	58	0.29	0.079
1114710	Soil	0.6	23.6	9.3	68	<0.1	19.8	9.7	460	3.28	4.2	2.4	2.6	6.2	11	<0.1	0.2	0.3	55	0.21	0.063
1114712	Soil	1.1	20.1	9.1	64	<0.1	24.6	11.7	355	2.92	8.8	1.2	1.7	1.7	14	0.2	0.5	0.8	71	0.17	0.059
1114711	Soil	0.6	22.1	8.8	66	<0.1	27.5	11.6	369	2.87	6.4	1.1	5.8	4.4	16	0.2	0.4	0.2	58	0.25	0.062
1114718	Soil	1.9	42.4	8.3	71	0.1	22.4	9.8	376	4.09	3.4	2.6	1.5	4.9	27	0.2	0.2	0.5	58	0.17	0.051
1127638	Soil	0.6	18.2	20.0	71	<0.1	18.5	8.1	458	2.71	5.4	4.2	4.1	4.6	15	0.3	0.3	1.7	55	0.21	0.060
1127641	Soil	0.7	20.4	22.8	63	0.1	18.3	9.8	699	2.83	6.4	10.6	3.3	3.3	20	0.2	0.4	0.6	55	0.27	0.067
1127637	Soil	1.3	22.4	24.5	90	0.1	20.9	10.4	967	2.72	7.7	8.2	1.5	1.8	17	0.4	0.5	0.8	58	0.20	0.110
1127644	Soil	1.1	15.2	12.1	45	0.2	10.4	4.7	241	2.19	4.7	3.3	0.8	0.4	10	0.3	0.4	1.2	50	0.10	0.076
1127640	Soil	0.8	23.0	13.8	66	<0.1	22.0	9.5	469	2.72	5.4	4.0	12.4	2.1	15	0.3	0.4	0.9	60	0.23	0.074
1127639	Soil	0.8	23.8	18.3	78	0.1	25.9	10.6	636	2.89	7.2	10.4	4.0	5.6	19	0.3	0.4	0.8	63	0.30	0.091
1127642	Soil	0.7	27.7	13.5	73	<0.1	22.9	10.1	555	2.85	7.8	6.9	3.9	4.8	18	0.2	0.5	1.9	64	0.28	0.102
1126152	Soil	0.9	26.5	18.2	78	<0.1	24.3	10.8	562	2.67	8.1	9.1	2.1	4.6	20	0.3	0.4	1.5	58	0.28	0.096
1127645	Soil	1.3	26.0	13.8	76	<0.1	23.9	10.6	501	3.09	9.7	5.9	2.8	1.1	13	0.3	0.6	0.4	67	0.13	0.057
1127647	Soil	1.1	18.8	11.7	66	<0.1	15.5	8.3	836	2.22	4.5	2.1	2.0	0.5	19	0.6	0.4	0.5	51	0.19	0.099
1127646	Soil	0.9	27.0	16.6	88	<0.1	26.3	11.5	598	2.76	7.3	6.4	2.1	2.9	16	0.4	0.5	0.7	61	0.22	0.095
1126153	Soil	1.1	17.3	10.8	44	<0.1	16.9	7.1	278	2.73	5.8	1.1	3.8	2.3	12	0.2	0.4	0.6	64	0.11	0.040
1126154	Soil	1.3	21.2	17.3	63	0.1	21.2	10.2	417	3.32	6.8	4.2	<0.5	3.9	14	0.3	0.5	0.5	72	0.16	0.055
1126155	Soil	0.7	20.5	14.3	75	<0.1	20.2	9.5	589	2.45	4.7	7.5	0.6	5.4	15	0.2	0.3	1.1	51	0.26	0.092
1126160	Soil	0.8	11.4	4.4	19	<0.1	4.6	2.2	53	0.90	<0.5	1.0	<0.5	0.1	9	0.1	0.1	0.2	22	0.06	0.041
1126159	Soil	1.2	17.4	12.5	63	<0.1	13.7	5.8	383	2.16	1.5	4.0	<0.5	1.1	11	0.2	0.4	0.6	48	0.12	0.077
1126156	Soil	0.6	18.2	11.6	65	<0.1	17.8	7.6	376	2.20	4.2	3.1	<0.5	3.1	15	0.2	0.4	0.9	48	0.24	0.081
1126158	Soil	0.8	17.8	8.6	50	<0.1	9.7	4.9	244	1.69	3.6	3.0	<0.5	0.8	13	0.1	0.3	0.3	35	0.14	0.051
1126161	Soil	0.7	16.9	31.2	61	0.1	10.9	6.3	619	1.95	1.2	9.9	<0.5	1.2	22	0.1	0.2	0.7	34	0.31	0.075
1126157	Soil	0.7	17.5	9.7	70	<0.1	20.5	8.2	467	2.40	4.4	1.9	1.4	2.8	16	0.2	0.3	0.5	53	0.25	0.081
1126167	Soil	0.8	17.6	11.1	57	<0.1	15.7	7.1	361	2.42	3.3	5.2	1.1	1.5	14	0.1	0.4	0.4	53	0.17	0.064
1126163	Soil	0.4	10.2	19.5	58	<0.1	17.9	7.3	630	2.00	0.7	8.0	<0.5	2.3	18	0.2	0.2	0.9	38	0.27	0.082

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1114706	Soil	12	28	0.60	86	0.101	2	2.29	0.012	0.11	0.2	0.06	3.0	0.2	<0.05	6	<0.5	<0.2
1114708	Soil	11	34	0.69	119	0.127	2	2.59	0.013	0.14	0.2	0.03	3.9	0.2	<0.05	6	<0.5	<0.2
1114709	Soil	13	36	0.73	142	0.146	1	2.27	0.012	0.29	0.2	0.04	3.6	0.3	<0.05	7	<0.5	<0.2
1114707	Soil	12	28	0.67	102	0.145	<1	1.82	0.011	0.36	0.2	0.04	3.5	0.4	<0.05	8	<0.5	<0.2
1114710	Soil	18	30	0.76	115	0.167	1	2.26	0.010	0.55	0.3	0.03	4.2	0.7	<0.05	9	<0.5	<0.2
1114712	Soil	10	34	0.51	131	0.074	2	2.48	0.011	0.09	0.4	0.07	2.8	0.2	<0.05	6	0.6	<0.2
1114711	Soil	13	40	0.65	102	0.136	1	2.31	0.013	0.25	0.3	0.04	4.0	0.3	<0.05	6	<0.5	<0.2
1114718	Soil	13	41	1.05	233	0.188	1	2.30	0.037	0.86	0.2	0.02	4.0	2.1	0.32	8	0.9	<0.2
1127638	Soil	14	25	0.43	92	0.058	2	1.61	0.010	0.08	0.1	0.05	2.5	0.2	<0.05	6	0.5	<0.2
1127641	Soil	19	24	0.44	159	0.044	2	1.88	0.014	0.09	0.1	0.09	3.0	0.2	<0.05	6	0.7	<0.2
1127637	Soil	25	27	0.45	157	0.049	1	2.11	0.014	0.08	<0.1	0.10	2.1	0.2	0.07	7	1.0	<0.2
1127644	Soil	9	19	0.24	63	0.039	2	1.49	0.011	0.08	0.1	0.14	1.1	0.2	0.09	6	0.7	<0.2
1127640	Soil	13	28	0.47	106	0.063	2	1.79	0.012	0.10	0.2	0.07	2.0	0.2	0.19	5	<0.5	<0.2
1127639	Soil	19	30	0.59	214	0.063	2	1.97	0.013	0.11	<0.1	0.05	3.6	0.2	0.11	6	0.6	<0.2
1127642	Soil	18	28	0.53	159	0.080	1	1.82	0.013	0.10	0.1	0.03	2.8	0.2	0.05	5	0.7	<0.2
1126152	Soil	13	25	0.56	149	0.088	1	1.91	0.013	0.11	0.2	0.04	2.7	0.2	0.05	6	<0.5	<0.2
1127645	Soil	12	32	0.41	92	0.072	2	2.34	0.011	0.06	0.1	0.10	2.1	0.2	0.05	7	0.6	<0.2
1127647	Soil	8	23	0.33	162	0.041	2	1.45	0.014	0.08	<0.1	0.17	1.2	0.2	0.12	5	<0.5	<0.2
1127646	Soil	12	27	0.49	140	0.072	<1	1.97	0.010	0.10	0.1	0.08	2.5	0.2	<0.05	7	<0.5	<0.2
1126153	Soil	8	23	0.26	79	0.083	<1	1.37	0.013	0.05	0.2	0.07	1.6	0.1	<0.05	6	<0.5	<0.2
1126154	Soil	11	31	0.51	127	0.084	1	2.65	0.011	0.09	0.1	0.11	2.8	0.2	<0.05	8	<0.5	<0.2
1126155	Soil	16	24	0.52	158	0.089	1	1.84	0.013	0.14	0.1	0.04	2.9	0.2	<0.05	6	0.7	<0.2
1126160	Soil	3	9	0.06	31	0.042	2	0.76	0.020	0.03	<0.1	0.03	0.6	<0.1	<0.05	3	<0.5	<0.2
1126159	Soil	12	24	0.33	76	0.074	1	1.41	0.009	0.13	<0.1	0.09	1.5	0.3	<0.05	7	<0.5	<0.2
1126156	Soil	12	22	0.40	98	0.074	1	1.40	0.013	0.10	0.2	0.04	1.9	0.2	<0.05	5	<0.5	<0.2
1126158	Soil	7	16	0.24	56	0.052	2	1.29	0.024	0.06	<0.1	0.04	1.2	0.1	<0.05	4	<0.5	<0.2
1126161	Soil	12	18	0.34	93	0.034	<1	1.30	0.020	0.11	<0.1	0.10	1.6	0.2	0.05	5	<0.5	<0.2
1126157	Soil	12	23	0.46	107	0.079	1	1.49	0.013	0.10	0.1	0.05	2.2	0.1	<0.05	5	<0.5	<0.2
1126167	Soil	11	22	0.33	97	0.062	<1	1.53	0.012	0.11	<0.1	0.07	2.3	0.2	<0.05	6	<0.5	<0.2
1126163	Soil	11	28	0.61	119	0.068	<1	1.36	0.021	0.23	0.5	0.09	2.3	0.4	<0.05	5	<0.5	<0.2

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

Project: ECH
Report Date: August 13, 2011

CERTIFICATE OF ANALYSIS DAW11000108.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1126162	Soil	0.5	17.4	15.6	65	<0.1	9.1	6.6	548	2.06	0.9	4.3	1.4	2.7	11	0.2	0.2	0.6	40	0.20	0.086
1126166	Soil	0.4	16.7	23.2	78	<0.1	13.2	8.0	784	2.60	1.0	40.0	<0.5	7.4	34	0.1	0.2	0.6	48	0.61	0.075
1126151	Soil	1.9	18.4	12.2	45	<0.1	12.8	5.6	264	2.77	7.1	1.5	0.8	3.2	10	0.1	0.6	0.6	80	0.09	0.037
1127643	Soil	1.0	32.4	17.5	91	0.1	30.9	13.4	957	3.19	8.5	12.7	2.4	5.8	19	0.7	0.5	1.1	63	0.26	0.108
1127649	Soil	1.0	23.9	14.6	53	<0.1	14.0	8.0	643	1.93	4.6	10.4	<0.5	1.1	17	0.3	0.4	0.6	34	0.19	0.077
1127648	Soil	0.7	28.2	17.2	82	0.1	25.9	12.1	785	2.87	6.0	13.2	4.0	5.8	22	0.4	0.5	0.7	62	0.31	0.107
1127650	Soil	0.9	24.9	17.1	72	<0.1	22.8	10.7	684	2.75	4.8	8.4	1.5	4.2	18	0.3	0.4	0.8	61	0.27	0.083
1126165	Soil	0.3	14.1	20.5	71	<0.1	11.9	7.5	804	2.43	<0.5	38.3	<0.5	7.6	31	0.1	0.2	0.6	43	0.57	0.073
1126164	Soil	0.6	16.9	19.5	66	<0.1	12.2	7.2	727	2.28	1.9	10.2	<0.5	3.2	20	0.2	0.3	0.6	43	0.30	0.077
1126173	Soil	0.9	20.4	20.4	79	0.1	18.5	10.2	673	3.04	5.1	5.7	<0.5	2.2	20	0.3	0.4	0.6	57	0.22	0.074
1126172	Soil	0.4	15.9	19.7	72	<0.1	15.6	9.2	619	2.59	3.1	6.5	<0.5	6.1	20	0.2	0.3	0.5	49	0.35	0.083
1126174	Soil	0.5	17.5	27.5	66	<0.1	24.3	9.7	587	2.76	3.4	5.1	<0.5	5.1	17	0.2	0.3	0.9	52	0.22	0.058
1126175	Soil	0.7	22.1	21.9	73	<0.1	27.2	10.2	696	2.99	4.2	8.1	3.3	4.4	17	0.2	0.4	0.5	55	0.24	0.068
1126176	Soil	0.5	12.6	16.8	51	<0.1	13.8	5.5	388	1.79	<0.5	4.6	<0.5	5.8	15	0.2	0.2	0.5	32	0.25	0.059
1126177	Soil	0.9	17.6	16.3	64	<0.1	17.8	8.5	458	2.97	3.8	3.9	<0.5	2.6	16	0.2	0.3	0.6	57	0.16	0.039
1126178	Soil	0.9	18.2	18.3	66	0.1	18.3	8.5	666	2.71	3.1	6.8	<0.5	1.0	21	0.4	0.4	0.5	55	0.28	0.061
1126179	Soil	1.0	19.0	19.4	75	<0.1	20.6	8.5	551	2.52	2.8	2.5	0.9	1.8	11	0.2	0.3	0.4	50	0.16	0.053
1126180	Soil	0.8	27.6	11.1	70	<0.1	26.0	10.7	594	2.78	5.3	3.8	4.0	3.7	18	0.3	0.5	0.3	65	0.29	0.073
1126181	Soil	1.1	20.9	13.0	43	0.1	14.2	5.3	188	2.28	4.9	0.9	2.0	1.0	14	0.1	0.4	0.3	57	0.11	0.046
1126182	Soil	0.7	21.9	15.5	67	<0.1	20.0	10.1	483	3.12	6.4	3.8	2.6	6.5	17	0.2	0.3	0.4	68	0.22	0.069
1126183	Soil	0.7	12.3	14.5	41	0.1	11.5	4.7	289	2.35	6.0	0.9	2.1	2.9	11	0.2	0.4	0.5	81	0.11	0.033
1126184	Soil	0.8	21.4	13.3	71	<0.1	20.6	11.0	724	2.86	6.1	4.5	2.9	3.3	27	0.2	0.4	0.5	63	0.29	0.080
1126185	Soil	0.7	20.0	9.5	62	<0.1	21.2	10.4	481	2.65	6.0	2.5	1.5	4.5	16	0.3	0.4	0.5	60	0.21	0.069
1126186	Soil	0.7	15.1	10.7	45	<0.1	18.2	8.3	289	2.73	6.3	1.4	4.8	5.0	15	0.2	0.4	0.4	67	0.15	0.032
1126187	Soil	1.1	15.3	11.3	48	<0.1	16.3	8.1	319	3.11	7.1	1.8	5.8	4.1	13	0.2	0.4	0.5	73	0.14	0.037
1126188	Soil	0.6	9.4	7.8	32	<0.1	8.8	4.4	195	1.95	3.3	1.7	2.0	0.7	14	<0.1	0.2	0.3	49	0.12	0.042
1126189	Soil	0.7	17.1	13.4	62	<0.1	19.0	8.9	460	2.57	5.6	8.3	0.6	2.4	19	<0.1	0.4	0.5	61	0.22	0.072
1126190	Soil	0.7	14.1	14.7	61	<0.1	16.4	8.4	522	2.56	5.3	9.8	1.3	2.5	19	0.1	0.3	0.7	55	0.22	0.063
1126191	Soil	0.8	12.6	12.6	61	<0.1	16.5	10.7	798	2.83	6.0	11.6	2.5	2.1	18	0.2	0.3	0.5	62	0.23	0.076
1126192	Soil	0.7	14.8	13.2	62	<0.1	16.6	6.7	326	2.55	5.9	4.9	0.6	2.9	25	<0.1	0.3	0.6	60	0.32	0.059

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Project: ECH
Report Date: August 13, 2011

CERTIFICATE OF ANALYSIS DAW11000108.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1126162	Soil		14	14	0.46	92	0.072	<1	1.55	0.015	0.20	0.1	0.12	2.1	0.3	<0.05	6	<0.5	<0.2
1126166	Soil		25	20	0.66	153	0.078	<1	1.83	0.013	0.43	<0.1	0.02	4.2	0.5	<0.05	8	<0.5	<0.2
1126151	Soil		10	18	0.21	62	0.128	1	1.45	0.011	0.08	<0.1	0.05	1.9	0.2	<0.05	10	<0.5	<0.2
1127643	Soil		20	31	0.61	208	0.082	1	2.24	0.016	0.12	0.2	0.07	3.9	0.2	<0.05	6	0.7	<0.2
1127649	Soil		16	17	0.31	146	0.046	2	1.82	0.026	0.07	0.1	0.07	1.5	0.2	<0.05	6	<0.5	<0.2
1127648	Soil		21	29	0.62	205	0.088	1	2.19	0.016	0.14	0.2	0.06	3.9	0.2	<0.05	6	<0.5	<0.2
1127650	Soil		17	27	0.57	149	0.079	1	1.98	0.013	0.12	0.2	0.05	2.9	0.2	<0.05	6	<0.5	<0.2
1126165	Soil		23	17	0.65	133	0.072	<1	1.73	0.014	0.42	<0.1	0.02	3.8	0.5	<0.05	7	<0.5	<0.2
1126164	Soil		15	17	0.40	118	0.042	<1	1.54	0.014	0.17	<0.1	0.06	2.4	0.3	<0.05	6	<0.5	<0.2
1126173	Soil		31	27	0.46	210	0.051	<1	2.23	0.014	0.11	0.1	0.05	2.9	0.3	<0.05	8	<0.5	<0.2
1126172	Soil		20	22	0.42	163	0.059	<1	1.69	0.012	0.17	0.1	0.02	3.7	0.3	<0.05	6	<0.5	<0.2
1126174	Soil		13	29	0.49	187	0.043	<1	2.04	0.010	0.14	<0.1	0.03	3.6	0.3	<0.05	5	<0.5	<0.2
1126175	Soil		12	35	0.55	173	0.069	<1	1.95	0.011	0.13	0.1	0.04	3.2	0.3	<0.05	6	<0.5	<0.2
1126176	Soil		14	17	0.31	85	0.059	<1	1.05	0.010	0.13	0.5	0.01	1.8	0.2	<0.05	3	<0.5	<0.2
1126177	Soil		10	25	0.42	131	0.083	<1	1.86	0.015	0.13	0.2	0.04	2.5	0.3	<0.05	8	<0.5	<0.2
1126178	Soil		11	26	0.38	164	0.042	1	2.01	0.015	0.12	0.4	0.06	2.5	0.3	<0.05	6	<0.5	<0.2
1126179	Soil		11	28	0.40	88	0.061	<1	1.74	0.009	0.13	0.3	0.04	2.1	0.3	<0.05	7	<0.5	<0.2
1126180	Soil		15	30	0.61	161	0.100	1	1.98	0.014	0.11	0.1	0.05	3.5	0.2	<0.05	6	<0.5	<0.2
1126181	Soil		7	23	0.33	78	0.062	1	1.62	0.019	0.05	0.1	0.05	1.8	0.1	0.07	7	1.0	<0.2
1126182	Soil		20	31	0.69	172	0.097	1	2.60	0.013	0.11	0.1	0.04	3.8	0.2	<0.05	8	0.8	<0.2
1126183	Soil		9	22	0.35	62	0.129	1	1.23	0.009	0.06	0.2	0.04	1.9	0.1	<0.05	10	<0.5	<0.2
1126184	Soil		17	30	0.66	172	0.085	1	2.06	0.017	0.13	0.1	0.05	3.6	0.2	0.07	7	<0.5	<0.2
1126185	Soil		12	28	0.66	126	0.106	2	2.10	0.018	0.10	0.1	0.04	3.3	0.2	<0.05	6	<0.5	<0.2
1126186	Soil		12	28	0.46	114	0.112	<1	2.16	0.011	0.07	0.1	0.03	2.8	0.2	<0.05	7	0.8	<0.2
1126187	Soil		10	29	0.44	79	0.119	2	2.14	0.015	0.07	0.2	0.05	2.9	0.1	<0.05	8	1.1	<0.2
1126188	Soil		6	16	0.28	75	0.066	<1	1.35	0.018	0.05	<0.1	0.03	1.6	0.1	<0.05	5	0.5	<0.2
1126189	Soil		13	29	0.63	132	0.081	<1	2.21	0.013	0.09	0.2	0.02	3.0	0.2	<0.05	7	0.5	<0.2
1126190	Soil		13	25	0.56	122	0.053	<1	1.94	0.012	0.08	0.1	0.03	2.7	0.2	<0.05	6	<0.5	<0.2
1126191	Soil		11	29	0.58	123	0.061	<1	1.96	0.012	0.08	0.1	0.04	2.9	0.2	<0.05	7	<0.5	<0.2
1126192	Soil		11	30	0.54	123	0.089	1	1.84	0.015	0.09	0.1	0.02	2.8	0.2	<0.05	6	<0.5	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1126193	Soil		0.7	15.3	13.7	62	<0.1	16.0	7.2	300	2.41	5.5	4.5	0.8	3.9	18	0.2	0.3	0.6	57	0.25	0.066
1126194	Soil		0.5	12.4	11.5	52	<0.1	13.4	6.4	296	1.95	3.8	4.0	6.2	6.0	17	0.1	0.3	0.6	42	0.23	0.061
1126195	Soil		0.5	14.1	12.1	56	<0.1	14.9	6.7	293	2.21	5.1	3.8	2.6	3.4	17	0.1	0.4	0.6	51	0.24	0.058
1126196	Soil		0.5	17.3	12.4	60	<0.1	17.8	9.0	304	2.35	5.4	3.0	2.5	5.2	24	0.1	0.4	0.6	53	0.35	0.076
1126197	Soil		0.5	16.2	11.4	57	<0.1	17.0	7.1	242	2.17	5.0	3.3	3.0	4.1	22	0.2	0.5	0.5	51	0.31	0.065
1126198	Soil		0.5	19.8	11.3	59	<0.1	18.5	7.8	255	2.45	6.8	4.0	3.8	4.7	23	0.2	0.4	0.6	55	0.30	0.069
1126199	Soil		0.8	16.1	11.3	59	0.1	16.5	7.2	282	2.55	6.6	4.0	9.3	3.2	23	0.2	0.4	1.1	56	0.27	0.061
1126200	Soil		0.9	13.7	12.0	59	<0.1	15.2	6.8	315	2.33	6.1	5.3	4.6	3.1	17	0.2	0.5	0.6	52	0.21	0.059
1126201	Soil		0.7	11.9	10.5	54	<0.1	13.5	6.0	292	2.19	5.5	4.7	2.2	2.9	17	<0.1	0.4	0.7	50	0.23	0.065
1126203	Soil		0.9	10.3	10.4	53	<0.1	13.3	6.5	341	2.45	5.6	4.7	1.7	1.1	23	<0.1	0.3	0.5	55	0.24	0.052
1126204	Soil		0.9	10.1	9.4	47	<0.1	12.4	5.8	294	2.19	4.7	5.4	1.7	0.8	23	<0.1	0.4	0.5	50	0.23	0.050
1114333	Soil		0.9	16.8	10.0	62	0.1	18.5	9.1	436	2.72	5.9	5.4	1.9	6.2	21	0.2	0.3	0.3	62	0.25	0.057
1114334	Soil		0.8	15.8	9.2	58	<0.1	18.4	8.7	372	2.80	7.1	3.5	2.8	6.6	19	0.1	0.4	0.3	65	0.29	0.059
1114335	Soil		0.6	13.4	8.0	57	<0.1	17.0	7.8	340	2.27	3.8	3.1	1.8	8.3	21	0.2	0.3	0.6	49	0.39	0.092
1114336	Soil		0.8	18.3	8.9	61	0.1	17.0	12.3	760	2.78	5.0	4.2	0.8	4.2	25	0.1	0.3	0.3	62	0.32	0.060
1114337	Soil		0.6	8.2	5.5	31	<0.1	8.0	4.2	175	1.46	2.5	1.4	2.9	1.1	14	0.2	0.2	0.2	36	0.16	0.042
1114338	Soil		0.9	17.1	9.9	58	<0.1	16.3	7.3	281	2.68	6.5	4.7	1.0	5.4	16	0.3	0.4	0.4	59	0.17	0.046
1114339	Soil		0.9	13.3	9.5	59	<0.1	16.8	7.4	323	2.68	6.1	2.9	2.2	7.7	15	0.2	0.4	0.4	60	0.20	0.047
1114374	Soil		0.7	14.0	8.9	58	<0.1	16.2	8.7	380	2.54	4.7	4.0	2.3	6.9	24	0.2	0.3	0.3	57	0.35	0.082
1114375	Soil		0.8	13.1	9.0	57	<0.1	15.6	7.6	319	2.45	5.4	2.5	3.2	2.5	22	0.1	0.3	0.3	59	0.23	0.048
1114471	Soil		0.8	11.9	11.6	60	<0.1	15.0	7.2	394	2.31	4.9	1.8	2.5	4.3	20	0.4	0.3	0.4	54	0.28	0.072
1114472	Soil		1.1	12.6	9.5	54	<0.1	16.9	12.0	472	2.76	6.4	2.1	1.9	2.6	17	<0.1	0.3	0.3	62	0.17	0.049
1114473	Soil		0.8	9.2	8.2	35	<0.1	9.4	4.1	155	1.81	4.4	0.9	1.6	1.0	12	0.2	0.2	0.2	45	0.12	0.032
1114474	Soil		0.7	12.0	8.8	54	0.1	16.1	7.2	271	2.43	5.8	1.5	0.8	1.8	23	<0.1	0.3	0.3	55	0.26	0.062
1114475	Soil		0.7	12.3	6.4	48	0.1	13.9	8.6	385	1.99	5.2	1.0	1.5	1.4	17	0.2	0.2	0.2	50	0.23	0.056
1114476	Soil		0.7	13.4	8.2	50	<0.1	16.9	10.2	479	2.58	7.3	1.4	6.1	2.6	14	0.2	0.3	0.3	64	0.20	0.056
1114477	Soil		0.7	13.7	7.1	55	<0.1	17.2	7.7	299	2.47	7.5	0.8	4.5	2.6	17	0.2	0.3	0.3	64	0.25	0.060
1114478	Soil		0.7	13.9	8.5	62	<0.1	19.5	11.5	549	2.85	7.3	1.2	2.5	3.9	18	0.1	0.3	0.4	66	0.30	0.080
1114479	Soil		1.1	13.3	8.8	59	<0.1	19.1	9.7	438	2.72	7.3	1.1	9.8	3.5	18	0.1	0.3	0.4	63	0.29	0.064
1114480	Soil		0.9	15.2	9.3	66	<0.1	19.6	13.0	845	3.02	8.6	1.2	1.8	2.1	21	0.2	0.3	0.4	71	0.25	0.053

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

Project: ECH
Report Date: August 13, 2011

CERTIFICATE OF ANALYSIS DAW11000108.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1126193	Soil	13	29	0.55	109	0.103	1	2.05	0.010	0.12	0.1	0.02	3.3	0.2	<0.05	7	<0.5	<0.2
1126194	Soil	16	21	0.40	111	0.086	<1	1.54	0.010	0.11	0.1	0.02	2.6	0.2	<0.05	5	<0.5	<0.2
1126195	Soil	14	27	0.50	103	0.085	<1	1.78	0.011	0.08	0.1	0.03	2.7	0.2	<0.05	6	<0.5	<0.2
1126196	Soil	15	29	0.57	143	0.097	1	1.88	0.013	0.09	0.1	0.02	3.4	0.1	<0.05	5	<0.5	<0.2
1126197	Soil	15	29	0.53	131	0.092	<1	1.67	0.013	0.09	0.2	0.02	3.4	0.1	<0.05	5	<0.5	<0.2
1126198	Soil	15	31	0.55	152	0.091	<1	1.87	0.012	0.08	0.1	0.02	3.8	0.1	<0.05	5	0.6	<0.2
1126199	Soil	13	29	0.51	141	0.076	<1	1.86	0.011	0.07	0.1	0.03	3.0	0.1	<0.05	6	<0.5	<0.2
1126200	Soil	14	27	0.47	96	0.081	<1	1.61	0.009	0.08	0.1	0.02	2.3	0.1	<0.05	6	0.7	<0.2
1126201	Soil	14	25	0.49	90	0.083	1	1.69	0.011	0.08	0.1	0.02	2.3	0.2	<0.05	6	<0.5	<0.2
1126203	Soil	11	26	0.47	99	0.063	<1	1.61	0.013	0.07	<0.1	0.03	1.7	0.1	<0.05	7	<0.5	<0.2
1126204	Soil	12	25	0.42	93	0.051	2	1.55	0.014	0.06	<0.1	0.03	1.4	0.2	<0.05	6	<0.5	<0.2
1114333	Soil	29	31	0.58	197	0.089	<1	1.82	0.014	0.12	0.2	0.05	4.0	0.2	<0.05	7	0.8	<0.2
1114334	Soil	23	31	0.63	147	0.105	1	1.80	0.015	0.13	0.2	0.03	3.8	0.2	<0.05	6	0.5	<0.2
1114335	Soil	19	26	0.57	161	0.095	1	1.36	0.017	0.16	0.2	0.01	3.2	0.2	<0.05	5	<0.5	<0.2
1114336	Soil	28	29	0.65	266	0.089	2	1.87	0.018	0.15	0.1	0.05	4.2	0.2	<0.05	7	<0.5	<0.2
1114337	Soil	10	15	0.26	70	0.050	<1	0.80	0.016	0.07	0.2	0.04	1.2	<0.1	<0.05	4	0.6	<0.2
1114338	Soil	46	29	0.55	163	0.086	2	1.93	0.016	0.12	0.2	0.05	3.5	0.2	<0.05	7	<0.5	<0.2
1114339	Soil	19	29	0.57	88	0.112	<1	1.54	0.015	0.15	0.2	0.05	3.1	0.2	<0.05	7	0.6	<0.2
1114374	Soil	27	27	0.58	172	0.111	<1	1.59	0.015	0.22	0.2	0.03	3.4	0.3	<0.05	6	0.5	<0.2
1114375	Soil	17	27	0.56	155	0.087	<1	1.71	0.014	0.09	0.2	0.04	2.7	0.2	<0.05	6	<0.5	<0.2
1114471	Soil	17	24	0.49	124	0.099	<1	1.36	0.015	0.14	0.1	0.04	2.5	0.2	<0.05	5	<0.5	<0.2
1114472	Soil	15	29	0.55	137	0.093	1	1.92	0.015	0.08	0.2	0.03	2.9	0.2	<0.05	6	<0.5	<0.2
1114473	Soil	9	19	0.30	75	0.075	1	1.13	0.014	0.06	0.1	0.03	1.6	0.1	<0.05	6	0.5	<0.2
1114474	Soil	13	27	0.56	147	0.086	<1	1.67	0.014	0.10	0.1	0.03	2.7	0.2	<0.05	6	<0.5	<0.2
1114475	Soil	11	22	0.40	112	0.083	3	1.29	0.011	0.11	0.1	0.04	2.3	0.1	0.09	5	<0.5	<0.2
1114476	Soil	13	30	0.48	120	0.099	2	1.75	0.010	0.12	0.2	0.04	3.0	0.1	0.06	6	<0.5	<0.2
1114477	Soil	11	28	0.50	115	0.110	2	1.47	0.011	0.14	0.2	0.03	2.9	0.1	0.06	6	0.6	<0.2
1114478	Soil	13	32	0.58	143	0.111	2	1.72	0.011	0.17	0.2	0.02	3.4	0.2	<0.05	6	0.6	<0.2
1114479	Soil	12	34	0.57	142	0.113	2	1.77	0.012	0.17	0.2	0.02	3.4	0.2	<0.05	7	<0.5	<0.2
1114480	Soil	12	36	0.54	167	0.100	2	1.84	0.011	0.14	0.2	0.03	3.5	0.2	<0.05	7	<0.5	<0.2

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Vancouver BC V6C 1H2 Canada

Project: ECH
Report Date: August 13, 2011

CERTIFICATE OF ANALYSIS DAW11000108.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1114481	Soil		0.8	16.4	8.4	58	<0.1	17.1	9.6	409	2.23	8.3	1.6	2.0	1.2	24	0.2	0.3	0.3	59	0.25	0.069
1114482	Soil		0.7	14.4	7.7	55	<0.1	17.2	9.0	394	2.57	7.0	1.2	1.7	2.1	18	0.2	0.3	0.2	61	0.21	0.048
1114486	Soil		0.7	13.4	7.8	56	<0.1	16.8	8.3	300	2.48	6.4	1.3	1.4	3.3	17	0.2	0.3	0.3	62	0.20	0.045
1114487	Soil		0.8	16.3	8.6	61	<0.1	19.1	9.0	346	2.82	7.7	1.3	1.5	2.9	17	0.2	0.3	0.3	67	0.27	0.072
1114488	Soil		0.7	15.6	7.4	59	<0.1	18.4	8.2	291	2.68	6.5	1.0	<0.5	3.0	16	0.2	0.3	0.2	63	0.23	0.058
1114489	Soil		0.7	17.4	8.2	62	<0.1	22.0	11.4	391	3.11	7.2	1.3	3.1	3.6	16	0.2	0.3	0.3	72	0.27	0.074
1114483	Soil		0.7	14.7	8.0	54	<0.1	16.7	9.3	421	2.56	6.6	1.9	1.7	2.0	21	0.1	0.3	0.3	60	0.25	0.058
1114484	Soil		0.8	16.6	8.6	57	<0.1	17.7	8.3	364	2.63	7.1	1.8	0.7	1.6	19	0.2	0.3	0.3	65	0.23	0.050
1114485	Soil		0.7	18.1	8.7	62	<0.1	19.6	10.3	382	2.96	7.8	1.7	2.9	4.1	18	0.1	0.3	0.3	67	0.27	0.071
1114340	Soil		1.0	19.9	11.6	61	<0.1	17.3	11.0	642	2.65	7.0	4.1	1.7	4.6	18	0.4	0.3	0.3	64	0.19	0.059
1114490	Soil		0.7	15.4	8.0	57	<0.1	19.2	8.4	295	2.65	5.7	1.2	1.6	1.8	18	0.2	0.3	0.3	61	0.24	0.059
1114491	Soil		0.6	15.0	7.9	50	<0.1	16.6	7.2	254	2.37	5.6	1.1	1.7	1.0	17	<0.1	0.3	0.3	57	0.22	0.056
1114492	Soil		0.8	18.1	8.0	57	<0.1	19.1	9.0	369	2.70	7.0	1.1	1.2	2.9	17	0.1	0.4	0.2	61	0.24	0.062
1127551	Soil		0.7	17.5	27.1	74	0.1	19.8	9.6	782	2.91	5.8	10.2	0.6	2.6	22	<0.1	0.3	0.7	53	0.32	0.075
1127552	Soil		0.4	13.2	17.1	56	<0.1	15.9	7.0	371	2.02	4.0	4.5	3.6	4.8	15	0.1	0.3	0.5	42	0.23	0.059
1127553	Soil		0.5	18.9	18.0	65	0.1	35.7	11.3	433	2.80	4.7	7.4	1.1	3.8	18	<0.1	0.3	1.5	70	0.29	0.072
1127560	Soil		0.7	15.0	13.7	52	<0.1	18.2	7.6	349	2.34	6.3	4.0	1.7	2.9	13	0.2	0.4	0.6	51	0.17	0.048
1127562	Soil		0.9	14.5	13.7	38	0.1	11.0	10.0	1065	1.97	3.5	18.6	1.7	0.3	14	0.1	0.3	0.5	46	0.13	0.096
1127554	Soil		1.0	13.8	17.1	69	0.2	19.2	8.5	443	3.16	5.4	2.7	1.0	2.6	11	0.2	0.3	0.5	67	0.10	0.049
1127555	Soil		0.8	17.1	28.6	62	0.2	17.0	9.8	595	2.84	5.6	13.9	<0.5	1.8	13	0.1	0.3	0.9	59	0.11	0.073
1127556	Soil		0.4	10.9	15.3	56	<0.1	14.1	7.6	403	1.84	2.2	6.0	2.3	4.2	15	<0.1	0.2	0.5	39	0.22	0.056
1127557	Soil		0.4	12.2	11.0	54	<0.1	13.3	6.1	388	1.80	3.3	9.4	<0.5	2.2	22	0.2	0.2	0.5	40	0.37	0.069
1127559	Soil		0.7	13.6	13.6	58	<0.1	16.7	8.4	379	2.43	4.5	2.9	0.7	4.4	11	0.1	0.3	0.5	59	0.15	0.048
1127561	Soil		0.4	17.7	9.9	53	<0.1	16.2	6.7	358	1.95	3.9	7.4	0.5	4.8	17	0.2	0.3	0.5	49	0.27	0.059
1127564	Soil		0.3	7.4	38.9	50	<0.1	7.0	4.8	611	1.51	1.6	8.9	<0.5	5.7	12	<0.1	0.2	0.6	16	0.24	0.063
1127565	Soil		0.2	16.6	17.3	82	<0.1	13.7	10.9	824	3.03	1.9	5.2	1.9	9.7	20	0.1	0.1	0.3	61	0.48	0.091
1116887	Soil		0.9	11.9	10.5	48	<0.1	13.2	6.4	308	2.49	4.5	1.1	2.6	1.8	13	0.2	0.3	0.3	60	0.16	0.043
1116888	Soil		0.5	18.8	14.2	59	<0.1	18.1	8.2	521	2.40	4.9	4.1	2.2	4.6	15	<0.1	0.3	1.2	54	0.27	0.063
1116889	Soil		0.7	19.6	12.8	56	<0.1	24.1	9.1	466	2.47	6.4	2.9	3.7	3.1	16	0.3	0.4	0.4	61	0.25	0.053
1116891	Soil		0.4	18.5	11.7	68	<0.1	21.0	9.5	518	2.48	4.7	6.3	1.8	5.2	17	0.1	0.3	1.6	56	0.28	0.057

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1114481	Soil		13	28	0.45	155	0.087	3	1.60	0.014	0.13	0.3	0.06	2.9	0.2	0.09	6	0.5	<0.2
1114482	Soil		12	29	0.49	138	0.092	2	1.58	0.011	0.12	0.1	0.03	3.2	0.2	<0.05	6	<0.5	<0.2
1114486	Soil		12	30	0.48	142	0.113	2	1.68	0.011	0.12	0.2	0.02	3.4	0.1	<0.05	6	<0.5	<0.2
1114487	Soil		14	32	0.54	128	0.110	3	1.78	0.011	0.14	0.1	0.02	3.5	0.2	<0.05	7	0.7	<0.2
1114488	Soil		11	32	0.51	123	0.102	1	1.74	0.011	0.12	0.2	0.02	3.1	0.2	<0.05	6	<0.5	<0.2
1114489	Soil		15	38	0.67	143	0.120	2	2.09	0.011	0.17	0.2	0.02	4.0	0.2	<0.05	7	<0.5	<0.2
1114483	Soil		13	30	0.49	152	0.087	2	1.66	0.011	0.11	0.1	0.03	3.1	0.2	<0.05	6	<0.5	<0.2
1114484	Soil		13	31	0.52	154	0.094	1	1.77	0.011	0.13	0.1	0.03	3.3	0.2	<0.05	7	<0.5	<0.2
1114485	Soil		14	33	0.57	156	0.115	3	1.95	0.011	0.16	0.1	0.03	4.0	0.2	<0.05	7	0.6	<0.2
1114340	Soil		38	28	0.41	182	0.080	2	1.73	0.012	0.14	0.1	0.04	3.3	0.2	<0.05	7	0.5	<0.2
1114490	Soil		13	33	0.53	121	0.088	1	1.78	0.012	0.14	0.1	0.03	3.2	0.2	<0.05	7	<0.5	<0.2
1114491	Soil		11	29	0.44	127	0.068	1	1.66	0.011	0.10	<0.1	0.03	2.5	0.2	<0.05	6	<0.5	<0.2
1114492	Soil		14	33	0.51	143	0.098	1	1.75	0.010	0.12	0.1	0.02	3.4	0.2	<0.05	6	<0.5	<0.2
1127551	Soil		14	27	0.44	175	0.035	<1	1.83	0.010	0.14	0.1	0.05	3.8	0.3	<0.05	6	<0.5	<0.2
1127552	Soil		15	20	0.35	101	0.052	<1	1.28	0.011	0.10	0.1	0.03	2.6	0.2	<0.05	4	<0.5	<0.2
1127553	Soil		13	61	0.99	152	0.088	<1	2.24	0.011	0.25	0.1	0.04	5.1	0.3	<0.05	8	<0.5	<0.2
1127560	Soil		10	23	0.35	88	0.059	<1	1.49	0.009	0.05	0.2	0.02	2.3	0.1	<0.05	5	<0.5	<0.2
1127562	Soil		10	24	0.28	145	0.027	<1	1.82	0.013	0.06	<0.1	0.05	1.7	0.3	0.11	6	<0.5	<0.2
1127554	Soil		8	34	0.42	100	0.064	1	2.44	0.007	0.06	0.1	0.05	2.7	0.2	<0.05	8	0.6	<0.2
1127555	Soil		15	31	0.39	161	0.024	1	2.25	0.009	0.08	0.1	0.04	3.6	0.3	<0.05	7	0.5	<0.2
1127556	Soil		12	20	0.35	120	0.051	<1	1.26	0.009	0.10	<0.1	0.02	2.6	0.2	<0.05	4	<0.5	<0.2
1127557	Soil		14	21	0.38	121	0.048	1	1.36	0.010	0.09	0.1	0.03	2.4	0.2	0.05	5	<0.5	<0.2
1127559	Soil		12	30	0.43	78	0.083	<1	1.49	0.008	0.15	<0.1	0.02	2.8	0.2	<0.05	7	<0.5	<0.2
1127561	Soil		13	26	0.35	108	0.079	<1	1.25	0.012	0.07	0.1	0.02	3.4	0.1	<0.05	4	<0.5	<0.2
1127564	Soil		15	8	0.24	58	0.008	<1	0.87	0.004	0.10	<0.1	0.02	1.4	0.1	<0.05	3	0.6	<0.2
1127565	Soil		45	21	0.89	162	0.154	<1	1.93	0.010	0.41	<0.1	0.03	5.3	0.6	<0.05	8	<0.5	<0.2
1116887	Soil		8	24	0.39	70	0.092	2	1.35	0.009	0.11	0.1	0.06	2.1	0.2	0.05	7	<0.5	<0.2
1116888	Soil		14	24	0.50	100	0.078	1	1.76	0.011	0.16	0.1	0.04	3.1	0.2	<0.05	6	<0.5	<0.2
1116889	Soil		10	28	0.47	100	0.090	2	1.69	0.014	0.07	0.2	0.04	2.8	<0.1	<0.05	5	<0.5	<0.2
1116891	Soil		14	24	0.50	120	0.090	<1	1.62	0.012	0.15	0.2	0.04	3.4	0.2	<0.05	6	<0.5	<0.2

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

Project: ECH
Report Date: August 13, 2011

CERTIFICATE OF ANALYSIS DAW11000108.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1116892	Soil	0.5	17.6	9.2	66	<0.1	18.8	8.4	475	2.13	4.4	4.5	1.1	3.8	14	0.2	0.2	0.9	44	0.26	0.084
1116946	Soil	0.6	20.6	9.4	61	<0.1	20.9	9.0	474	2.23	5.5	5.9	<0.5	3.4	15	0.2	0.3	1.3	47	0.27	0.085
1116947	Soil	0.9	24.0	25.2	71	<0.1	20.4	11.1	821	3.06	7.6	13.4	1.8	2.3	22	0.4	0.6	1.0	55	0.26	0.076
1116948	Soil	0.7	21.4	17.4	75	<0.1	21.8	10.7	607	2.77	6.1	9.2	<0.5	4.3	18	0.2	0.4	1.9	56	0.28	0.073
1116950	Soil	0.4	18.1	15.1	57	<0.1	17.9	8.9	317	2.47	4.9	10.4	0.7	4.5	15	<0.1	0.2	0.4	56	0.23	0.064
1116949	Soil	0.6	18.2	9.9	60	<0.1	22.7	9.0	460	2.49	6.4	5.2	5.0	3.7	19	0.3	0.5	0.6	55	0.32	0.095
1127576	Soil	0.5	30.8	13.2	76	0.1	26.2	9.2	327	2.35	6.8	13.1	3.1	4.4	20	0.2	0.4	0.6	52	0.28	0.084
1127574	Soil	1.4	15.3	12.9	62	<0.1	15.2	7.3	272	2.90	8.1	1.1	1.2	2.0	8	0.2	0.7	0.3	68	0.08	0.046
1127572	Soil	0.7	25.3	15.2	72	<0.1	27.2	11.4	588	3.03	7.9	6.2	1.7	3.1	17	0.1	0.3	0.7	56	0.21	0.068
1127570	Soil	0.2	10.7	16.3	67	<0.1	10.0	7.1	570	2.18	1.9	8.5	2.8	7.2	10	0.1	0.1	0.7	35	0.26	0.095
1127566	Soil	0.5	17.4	21.5	79	<0.1	14.8	10.8	626	3.25	4.3	13.2	2.4	7.9	23	0.2	0.3	0.4	56	0.34	0.086
1127571	Soil	1.0	19.1	22.1	78	<0.1	22.5	11.6	478	3.23	8.7	6.2	2.3	2.3	13	0.2	0.5	0.4	55	0.15	0.073
1127569	Soil	0.3	19.6	18.1	88	<0.1	15.9	10.9	735	3.09	3.6	14.0	<0.5	11.2	20	0.2	0.2	0.8	49	0.31	0.091
1127573	Soil	0.5	19.6	11.7	60	<0.1	21.3	9.1	488	2.54	5.1	6.4	7.5	6.1	16	0.1	0.2	0.4	58	0.30	0.089
1116945	Soil	0.5	24.0	8.9	61	<0.1	24.8	9.8	468	2.42	7.1	4.7	3.9	4.4	16	0.2	0.3	0.4	55	0.26	0.076
1127575	Soil	0.6	20.1	11.7	72	<0.1	23.6	9.9	564	2.45	6.0	3.1	3.2	3.8	15	0.2	0.3	0.3	52	0.21	0.073
1127558	Soil	0.5	12.3	17.1	63	<0.1	16.8	8.8	486	2.66	5.4	3.6	0.5	4.3	10	0.1	0.2	0.9	49	0.14	0.063
1127568	Soil	0.4	23.8	24.3	95	0.1	15.3	9.6	781	3.21	3.5	13.6	<0.5	12.1	28	0.1	0.1	1.5	51	0.47	0.091
1127567	Soil	0.6	15.6	26.4	82	<0.1	18.3	10.5	696	3.22	4.0	16.9	0.8	9.9	21	<0.1	0.2	0.4	54	0.31	0.085
1127563	Soil	0.4	8.9	42.9	56	0.1	10.0	5.8	371	1.90	3.4	11.2	<0.5	4.9	13	<0.1	<0.1	0.7	24	0.21	0.071
1127622	Soil	1.2	14.4	23.4	57	<0.1	16.0	8.0	396	4.21	12.0	1.4	1.4	3.3	11	0.1	0.4	1.5	87	0.12	0.048
1127624	Soil	0.5	15.6	15.3	62	<0.1	15.8	7.0	285	2.20	4.2	9.8	<0.5	4.4	15	<0.1	0.2	0.9	44	0.20	0.044
1127626	Soil	0.6	15.3	14.8	53	<0.1	16.5	7.2	423	2.13	4.7	2.2	2.0	3.7	15	0.1	0.2	0.7	43	0.19	0.050
1127627	Soil	1.1	17.4	41.0	26	0.2	10.1	2.9	67	2.40	5.5	1.8	1.0	0.3	7	<0.1	0.2	1.2	50	0.05	0.038
1127620	Soil	0.8	15.1	11.5	61	0.2	19.6	10.7	350	3.38	8.3	0.9	1.2	3.4	13	0.3	0.3	0.3	56	0.14	0.047
1127623	Soil	0.8	16.7	16.9	63	<0.1	18.3	8.6	398	2.44	5.6	3.5	1.4	2.9	14	0.2	0.2	1.0	50	0.18	0.052
1127621	Soil	0.7	11.9	11.4	56	<0.1	15.3	7.2	292	2.45	5.5	1.2	<0.5	4.1	10	<0.1	0.2	0.4	48	0.14	0.035
1127625	Soil	0.5	24.8	13.1	63	0.1	23.1	8.2	301	2.58	6.5	4.6	6.6	4.2	30	<0.1	0.4	0.5	54	0.39	0.070
1127631	Soil	1.1	13.0	17.4	52	<0.1	13.4	6.2	321	3.78	9.3	0.8	5.4	3.0	12	<0.1	0.4	0.8	83	0.11	0.044
1127628	Soil	1.1	42.4	14.8	70	<0.1	31.5	13.9	559	3.63	10.3	2.5	1.4	6.2	23	0.1	0.5	0.5	80	0.20	0.025

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Project: ECH
Report Date: August 13, 2011

CERTIFICATE OF ANALYSIS DAW11000108.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1116892	Soil		10	22	0.51	121	0.088	<1	1.47	0.010	0.16	0.1	0.01	2.7	0.3	<0.05	5	<0.5	<0.2
1116946	Soil		10	23	0.51	146	0.080	<1	1.51	0.010	0.11	0.2	0.02	2.6	0.2	<0.05	5	<0.5	<0.2
1116947	Soil		17	25	0.53	168	0.028	<1	2.12	0.010	0.10	0.2	0.03	3.1	0.3	0.06	8	<0.5	<0.2
1116948	Soil		15	25	0.57	139	0.074	<1	1.80	0.011	0.15	0.2	0.05	3.8	0.2	<0.05	6	<0.5	<0.2
1116950	Soil		14	25	0.60	121	0.095	<1	1.97	0.009	0.14	0.2	0.02	3.3	0.2	<0.05	6	<0.5	<0.2
1116949	Soil		13	25	0.55	131	0.082	1	1.57	0.013	0.08	0.2	0.03	3.0	0.2	<0.05	5	<0.5	<0.2
1127576	Soil		15	27	0.54	192	0.075	<1	1.71	0.013	0.07	0.2	0.03	3.8	0.1	<0.05	5	0.6	<0.2
1127574	Soil		9	25	0.26	77	0.058	<1	2.14	0.005	0.03	0.2	0.06	2.1	0.1	<0.05	8	<0.5	<0.2
1127572	Soil		13	28	0.57	122	0.070	<1	2.02	0.011	0.06	0.1	0.02	2.9	0.2	<0.05	6	<0.5	<0.2
1127570	Soil		19	12	0.43	84	0.076	<1	1.10	0.009	0.22	<0.1	0.01	3.1	0.3	<0.05	5	<0.5	<0.2
1127566	Soil		29	21	0.71	143	0.100	<1	1.94	0.011	0.20	<0.1	0.04	4.9	0.3	<0.05	8	<0.5	<0.2
1127571	Soil		10	31	0.48	98	0.044	<1	2.62	0.008	0.05	0.1	0.06	2.8	0.2	<0.05	7	0.8	<0.2
1127569	Soil		43	21	0.63	174	0.094	<1	1.74	0.011	0.21	<0.1	0.02	4.8	0.3	<0.05	7	<0.5	<0.2
1127573	Soil		14	26	0.47	102	0.078	<1	1.29	0.013	0.08	0.2	0.04	2.4	0.1	<0.05	4	<0.5	<0.2
1116945	Soil		13	24	0.56	114	0.093	<1	1.62	0.012	0.09	0.1	0.03	2.9	0.2	<0.05	5	<0.5	<0.2
1127575	Soil		12	24	0.50	112	0.080	<1	1.70	0.012	0.08	0.2	0.05	2.6	0.2	<0.05	5	<0.5	<0.2
1127558	Soil		11	27	0.43	81	0.058	<1	1.85	0.007	0.09	0.1	0.03	2.6	0.2	<0.05	6	<0.5	<0.2
1127568	Soil		42	21	0.67	177	0.082	<1	1.90	0.014	0.23	<0.1	0.04	4.7	0.3	<0.05	8	<0.5	<0.2
1127567	Soil		36	27	0.63	158	0.099	<1	1.77	0.013	0.22	<0.1	0.02	4.7	0.3	<0.05	7	<0.5	<0.2
1127563	Soil		15	12	0.19	77	0.014	<1	0.75	0.006	0.07	<0.1	0.01	1.5	<0.1	<0.05	2	<0.5	<0.2
1127622	Soil		9	30	0.38	89	0.094	1	2.54	0.007	0.06	0.1	0.03	2.7	0.1	<0.05	11	<0.5	<0.2
1127624	Soil		13	26	0.38	100	0.063	<1	1.46	0.009	0.06	0.1	0.02	3.2	0.1	<0.05	4	<0.5	<0.2
1127626	Soil		11	24	0.37	108	0.048	<1	1.50	0.008	0.05	0.1	0.02	2.5	0.1	<0.05	4	<0.5	<0.2
1127627	Soil		8	23	0.15	90	0.048	<1	1.95	0.005	0.06	<0.1	0.08	1.8	0.2	<0.05	9	0.8	<0.2
1127620	Soil		8	38	0.45	97	0.067	1	3.24	0.009	0.06	0.1	0.11	3.7	0.1	<0.05	6	<0.5	<0.2
1127623	Soil		11	25	0.37	106	0.054	1	1.82	0.010	0.06	0.1	0.03	2.4	0.1	<0.05	5	<0.5	<0.2
1127621	Soil		9	23	0.40	71	0.073	<1	1.63	0.007	0.08	0.1	0.03	2.3	0.1	<0.05	6	<0.5	<0.2
1127625	Soil		14	34	0.52	258	0.070	<1	1.82	0.015	0.06	0.1	0.03	5.0	0.1	<0.05	5	<0.5	<0.2
1127631	Soil		9	28	0.36	82	0.083	<1	2.16	0.006	0.05	0.1	0.01	2.6	0.1	<0.05	9	<0.5	<0.2
1127628	Soil		19	47	0.65	266	0.075	<1	2.96	0.011	0.07	<0.1	0.07	7.9	0.1	<0.05	7	<0.5	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1127630	Soil	0.6	11.1	8.9	26	<0.1	5.6	2.8	133	1.54	3.3	0.7	1.0	0.9	8	<0.1	0.1	0.6	36	0.07	0.031
1127629	Soil	1.2	13.0	18.1	58	<0.1	15.3	6.5	411	2.80	7.3	1.5	<0.5	3.7	11	0.1	0.3	1.2	66	0.09	0.033
1127604	Soil	0.7	16.1	10.4	58	<0.1	19.5	8.6	314	2.68	6.0	2.2	4.8	3.0	16	0.2	0.3	0.4	55	0.25	0.077
1127619	Soil	0.6	21.6	12.9	69	<0.1	19.3	9.0	434	2.66	5.3	6.7	0.7	7.2	21	0.1	0.3	0.4	54	0.29	0.059
1127603	Soil	0.4	7.3	32.8	448	0.2	6.0	2.9	1767	2.14	6.5	21.2	<0.5	7.4	18	5.5	2.1	0.5	10	0.22	0.054
1127601	Soil	0.7	12.6	10.6	46	<0.1	15.3	7.1	371	2.38	5.7	1.2	<0.5	2.5	10	0.1	0.3	0.4	53	0.11	0.037
1127605	Soil	0.8	21.4	11.8	63	<0.1	22.1	9.4	345	2.78	8.5	3.9	6.5	3.6	17	0.3	0.6	0.5	61	0.21	0.067
1127614	Soil	0.6	19.6	10.9	77	<0.1	20.1	8.7	378	2.56	6.8	4.8	6.2	4.3	17	0.2	0.5	0.4	54	0.25	0.064
1127618	Soil	0.7	21.3	12.9	81	<0.1	24.7	14.4	718	3.29	10.8	3.2	5.2	5.5	18	0.3	0.5	0.4	67	0.29	0.073
1127602	Soil	1.6	11.9	12.8	50	<0.1	10.9	5.1	237	2.66	7.4	1.6	2.3	2.2	11	<0.1	0.5	0.6	66	0.10	0.041
1127615	Soil	0.7	15.7	11.8	64	<0.1	19.2	8.6	323	2.63	6.9	2.3	2.2	5.4	13	0.3	0.4	0.4	57	0.19	0.043
1127607	Soil	0.7	22.3	13.0	76	0.1	22.4	9.0	280	2.85	7.8	6.1	5.1	4.6	24	0.2	0.6	0.7	62	0.31	0.073
1127612	Soil	0.6	17.1	10.4	83	<0.1	20.2	8.8	609	2.44	5.7	6.6	6.9	8.1	20	0.2	0.5	0.3	49	0.35	0.063
1127609	Soil	0.5	17.5	10.4	68	<0.1	19.0	9.0	373	2.40	6.3	2.6	2.3	4.9	19	0.2	0.5	0.4	52	0.28	0.071
1127606	Soil	0.7	23.9	13.6	82	<0.1	22.8	10.2	460	2.90	8.2	5.7	3.6	2.8	19	0.2	0.5	0.7	64	0.24	0.068
1127611	Soil	0.4	12.4	12.2	64	<0.1	18.1	6.8	259	2.40	5.4	2.9	3.1	8.3	16	0.2	0.4	0.7	45	0.27	0.060
1127613	Soil	1.2	26.0	15.7	113	<0.1	26.7	12.0	566	3.66	10.9	7.7	3.7	6.2	18	0.3	0.7	0.6	74	0.27	0.066
1127616	Soil	0.5	17.9	10.9	66	<0.1	19.5	7.3	284	2.38	5.5	3.2	2.8	7.1	16	0.2	0.4	0.4	51	0.29	0.052
1127610	Soil	0.5	18.1	14.9	78	<0.1	17.8	7.7	430	2.43	6.1	7.3	2.5	6.6	25	0.3	0.6	0.5	51	0.36	0.072
1127617	Soil	0.7	17.4	12.8	65	0.3	18.3	8.8	299	2.87	7.5	2.7	2.2	5.7	15	0.2	0.4	0.5	62	0.17	0.033
1127608	Soil	0.3	17.7	11.1	55	<0.1	19.6	7.6	187	2.09	5.3	5.8	4.2	5.1	23	0.1	0.5	0.4	60	0.28	0.051
1125504	Soil	0.6	17.3	14.9	79	<0.1	18.5	8.5	432	2.78	5.2	2.0	2.4	5.3	14	0.2	0.3	0.5	52	0.25	0.065
1125502	Soil	0.7	19.3	9.2	57	<0.1	21.4	9.4	368	2.64	7.0	1.2	5.1	4.8	15	0.1	0.4	0.3	59	0.21	0.044
1125501	Soil	0.6	22.5	14.8	71	<0.1	23.8	10.1	417	2.91	6.2	3.5	3.4	5.3	15	0.1	0.4	0.5	56	0.24	0.062
1125508	Soil	0.2	9.9	28.2	48	<0.1	5.8	5.8	732	1.19	2.0	1.9	1.2	4.1	8	<0.1	<0.1	0.9	13	0.15	0.049
1125509	Soil	0.3	11.8	10.0	50	<0.1	14.0	6.3	337	1.80	3.5	1.6	2.5	3.8	10	<0.1	0.2	0.4	36	0.22	0.057
1125505	Soil	0.6	23.5	7.9	69	<0.1	25.2	11.7	445	2.80	6.5	1.5	3.6	5.5	19	0.1	0.4	0.3	64	0.37	0.075
1125506	Soil	0.6	23.5	9.8	68	<0.1	23.4	10.5	415	2.80	7.7	3.4	5.5	4.7	19	0.1	0.5	0.3	63	0.30	0.066
1125510	Soil	0.4	21.7	9.1	65	<0.1	30.7	12.1	522	2.83	4.2	2.0	3.4	4.8	22	0.1	0.2	0.4	65	0.36	0.083
1125503	Soil	0.2	43.8	9.8	79	<0.1	12.7	13.0	613	3.45	2.9	1.0	1.9	9.6	15	<0.1	0.1	0.6	71	0.36	0.110

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

Project: ECH
Report Date: August 13, 2011

CERTIFICATE OF ANALYSIS DAW11000108.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1127630	Soil		5	11	0.12	40	0.037	<1	1.21	0.013	0.03	<0.1	0.02	1.1	<0.1	<0.05	5	<0.5	<0.2
1127629	Soil		8	25	0.31	88	0.046	<1	1.82	0.009	0.05	0.1	0.01	2.2	0.1	<0.05	8	<0.5	<0.2
1127604	Soil		10	29	0.45	104	0.077	2	1.87	0.009	0.07	0.3	0.03	2.6	0.2	<0.05	5	<0.5	<0.2
1127619	Soil		18	32	0.48	140	0.089	1	1.76	0.012	0.12	0.1	0.03	5.4	0.2	<0.05	6	<0.5	<0.2
1127603	Soil		12	5	0.07	78	0.001	<1	0.51	0.002	0.05	0.2	0.08	1.7	1.2	<0.05	2	<0.5	<0.2
1127601	Soil		8	24	0.36	68	0.065	<1	1.71	0.007	0.05	0.1	0.03	2.0	0.1	<0.05	5	<0.5	<0.2
1127605	Soil		13	32	0.55	155	0.082	<1	2.17	0.010	0.07	0.2	0.04	3.7	0.2	<0.05	6	<0.5	<0.2
1127614	Soil		17	31	0.55	129	0.079	1	2.15	0.010	0.10	0.2	0.04	3.5	0.2	<0.05	7	0.6	<0.2
1127618	Soil		15	35	0.62	153	0.093	2	2.39	0.011	0.12	0.2	0.03	4.2	0.2	<0.05	7	0.5	<0.2
1127602	Soil		10	20	0.28	58	0.087	<1	1.41	0.006	0.08	0.1	0.05	2.0	0.2	<0.05	9	<0.5	<0.2
1127615	Soil		17	29	0.49	94	0.094	1	2.02	0.010	0.09	0.2	0.03	3.0	0.2	<0.05	6	<0.5	<0.2
1127607	Soil		16	35	0.54	185	0.093	<1	2.08	0.012	0.09	0.2	0.04	4.8	0.2	<0.05	6	0.6	<0.2
1127612	Soil		32	33	0.56	135	0.105	1	1.56	0.012	0.17	0.2	0.03	4.2	0.3	<0.05	6	<0.5	<0.2
1127609	Soil		14	28	0.55	132	0.094	1	1.78	0.012	0.10	0.2	0.02	3.0	0.2	<0.05	6	<0.5	<0.2
1127606	Soil		15	31	0.52	172	0.077	2	2.09	0.012	0.08	0.1	0.04	3.3	0.2	<0.05	6	<0.5	<0.2
1127611	Soil		21	29	0.48	108	0.086	1	1.97	0.010	0.10	0.2	0.03	2.7	0.3	<0.05	6	0.6	<0.2
1127613	Soil		27	43	0.64	189	0.084	1	2.94	0.010	0.16	0.2	0.04	5.2	0.3	<0.05	9	<0.5	<0.2
1127616	Soil		19	32	0.51	119	0.102	1	2.01	0.010	0.12	0.2	0.04	3.7	0.3	<0.05	6	<0.5	<0.2
1127610	Soil		21	29	0.50	165	0.088	<1	1.65	0.013	0.11	0.2	0.04	4.3	0.2	<0.05	6	<0.5	<0.2
1127617	Soil		15	30	0.45	130	0.082	1	2.30	0.010	0.10	0.2	0.05	3.3	0.2	<0.05	7	<0.5	<0.2
1127608	Soil		15	30	0.53	198	0.098	<1	1.88	0.015	0.07	0.1	0.04	4.2	0.2	<0.05	6	<0.5	<0.2
1125504	Soil		16	28	0.63	105	0.134	<1	2.13	0.011	0.32	0.1	0.04	3.2	0.5	<0.05	8	<0.5	<0.2
1125502	Soil		15	28	0.58	93	0.112	1	1.80	0.012	0.10	0.1	0.03	3.1	0.2	<0.05	6	<0.5	<0.2
1125501	Soil		18	31	0.66	138	0.131	1	2.42	0.011	0.30	0.1	0.05	4.1	0.4	<0.05	8	<0.5	<0.2
1125508	Soil		10	6	0.31	65	0.016	<1	1.51	0.004	0.24	0.2	0.02	1.4	0.5	<0.05	5	<0.5	<0.2
1125509	Soil		13	26	0.48	66	0.072	<1	1.60	0.008	0.22	0.1	0.03	2.6	0.4	<0.05	5	<0.5	<0.2
1125505	Soil		14	30	0.69	109	0.151	<1	2.05	0.015	0.22	0.2	0.04	3.9	0.3	<0.05	6	0.5	<0.2
1125506	Soil		17	31	0.61	127	0.122	<1	2.02	0.012	0.12	0.2	0.03	3.7	0.2	<0.05	6	<0.5	<0.2
1125510	Soil		15	51	0.96	176	0.169	<1	2.45	0.019	0.40	0.6	0.03	4.9	0.6	<0.05	7	<0.5	<0.2
1125503	Soil		35	22	1.16	242	0.186	<1	3.36	0.010	0.82	<0.1	0.02	4.2	0.6	<0.05	12	<0.5	<0.2

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Vancouver BC V6C 1H2 Canada

Project: ECH
Report Date: August 13, 2011

CERTIFICATE OF ANALYSIS DAW11000108.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1125507	Soil	0.5	23.7	15.5	96	<0.1	16.0	13.2	925	3.16	5.5	2.2	3.3	9.5	18	0.1	0.3	0.6	58	0.33	0.089
1125512	Soil	2.1	27.1	10.7	74	<0.1	26.5	12.1	422	3.30	5.4	3.4	3.5	4.9	18	0.1	0.3	0.7	58	0.31	0.058
1125511	Soil	1.4	24.0	10.9	76	<0.1	22.9	10.4	484	2.78	6.4	2.4	4.7	3.8	16	0.2	0.3	0.5	56	0.26	0.059
1125525	Soil	0.8	27.7	11.3	62	<0.1	26.6	10.6	448	2.83	8.1	1.5	4.1	2.8	16	0.1	0.5	0.6	63	0.17	0.035
1125515	Soil	0.3	24.7	12.5	82	<0.1	26.4	12.6	404	3.62	6.2	3.6	3.8	10.5	20	0.1	0.3	0.8	63	0.42	0.074
1125513	Soil	0.5	11.6	3.3	17	<0.1	3.0	2.0	76	0.71	1.4	1.2	1.7	0.3	10	<0.1	0.1	<0.1	17	0.09	0.039
1125517	Soil	0.7	43.6	9.0	78	<0.1	34.6	12.1	354	3.67	6.0	3.1	1.2	12.2	54	<0.1	0.3	0.3	67	0.57	0.070
1125518	Soil	0.9	35.1	13.7	91	<0.1	38.6	16.7	537	4.21	12.3	3.3	7.0	5.7	18	0.1	0.3	0.5	68	0.34	0.076
1125520	Soil	0.5	23.5	13.6	74	<0.1	21.7	10.1	352	2.86	4.4	2.6	2.9	7.8	28	0.3	0.4	0.3	63	0.49	0.074
1125519	Soil	0.3	30.5	14.0	80	<0.1	26.1	11.0	249	3.21	6.1	2.9	3.9	11.0	25	<0.1	0.3	0.5	56	0.39	0.054
1125516	Soil	0.4	27.5	12.7	83	0.1	21.7	11.4	316	3.09	6.0	6.8	3.0	19.4	24	0.2	0.3	1.3	67	0.45	0.086
1125514	Soil	0.4	20.9	11.5	73	<0.1	23.6	9.3	320	2.57	5.9	1.7	3.5	5.8	18	0.2	0.3	0.4	50	0.31	0.061
1125521	Soil	0.9	20.5	9.6	52	<0.1	22.7	9.4	334	2.51	8.2	1.0	3.9	1.7	10	0.2	0.5	0.2	55	0.11	0.043
1125522	Soil	0.5	20.7	17.3	84	<0.1	20.7	8.7	366	3.00	6.7	4.7	1.1	6.6	17	0.2	0.3	0.5	51	0.29	0.070
1125524	Soil	0.6	24.4	12.5	57	<0.1	22.0	9.2	389	2.35	7.0	1.9	6.5	3.2	11	<0.1	0.4	0.2	53	0.12	0.029
1125523	Soil	0.7	18.0	8.4	51	<0.1	20.4	9.2	331	2.49	6.9	1.1	3.8	2.3	11	0.2	0.5	0.2	51	0.14	0.054
1125526	Soil	0.4	6.6	21.8	79	<0.1	19.2	6.7	913	1.86	2.5	2.4	2.0	2.9	12	0.2	0.2	0.6	35	0.23	0.048
1125528	Soil	0.5	18.8	12.2	69	<0.1	26.0	10.3	514	2.76	6.3	1.5	2.2	3.8	12	0.3	0.5	0.3	61	0.18	0.049
1125527	Soil	0.4	18.0	15.9	72	<0.1	41.7	13.8	580	3.38	5.0	3.7	2.0	4.3	21	0.1	0.3	0.4	76	0.30	0.061
1125529	Soil	0.3	20.6	13.7	75	<0.1	38.3	13.5	751	3.08	3.6	5.1	2.8	4.7	25	0.2	0.2	0.4	71	0.39	0.079
1125530	Soil	0.9	14.1	13.2	52	<0.1	14.6	6.2	395	1.90	5.7	2.0	2.3	1.8	11	0.2	0.3	1.3	41	0.16	0.052
1125531	Soil	0.3	7.3	13.8	40	<0.1	7.7	2.9	324	1.17	2.7	3.0	1.7	3.9	13	<0.1	0.3	1.5	22	0.17	0.045
1125532	Soil	0.4	13.5	12.5	47	<0.1	13.9	6.5	314	1.89	4.8	5.7	1.4	3.1	10	0.1	0.3	3.3	37	0.16	0.053
1114466	Soil	0.9	18.5	9.9	65	<0.1	19.1	9.6	351	2.87	9.2	2.6	2.6	6.3	16	0.1	0.5	0.6	60	0.24	0.071
1114462	Soil	0.8	23.9	7.4	69	<0.1	27.3	14.2	490	3.50	6.1	2.9	2.4	18.5	18	0.1	0.4	0.3	70	0.27	0.065
1114464	Soil	0.9	12.0	8.1	39	<0.1	11.9	5.9	181	2.33	3.9	2.0	2.1	1.5	9	<0.1	0.3	0.2	58	0.09	0.034
1114463	Soil	0.6	5.2	3.5	18	<0.1	2.8	1.9	68	0.95	1.3	0.4	0.7	1.2	5	<0.1	0.1	0.1	31	0.04	0.018
1114461	Soil	1.3	7.1	7.2	48	<0.1	6.8	4.1	245	2.80	3.8	1.1	5.4	13.9	10	<0.1	0.2	0.3	68	0.06	0.024
1114465	Soil	1.2	17.4	9.9	68	<0.1	20.5	10.8	391	3.42	7.3	2.7	3.9	6.7	12	0.2	0.4	0.3	74	0.17	0.047
1114467	Soil	0.4	5.0	2.5	12	0.1	1.6	1.3	40	0.72	0.6	0.4	0.8	<0.1	6	<0.1	<0.1	<0.1	20	0.03	0.027

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1125507	Soil		21	26	0.79	140	0.129	<1	2.78	0.010	0.49	0.2	0.03	4.9	0.7	<0.05	10	<0.5	<0.2
1125512	Soil		15	38	0.72	168	0.184	<1	2.09	0.016	0.53	0.2	0.02	4.1	0.5	<0.05	7	0.5	<0.2
1125511	Soil		14	30	0.62	126	0.136	<1	2.00	0.012	0.29	0.2	0.04	3.3	0.4	<0.05	7	<0.5	<0.2
1125525	Soil		14	37	0.62	115	0.103	<1	2.17	0.012	0.09	0.2	0.05	3.7	0.2	<0.05	6	<0.5	<0.2
1125515	Soil		26	43	0.86	204	0.214	1	2.63	0.016	0.78	1.7	0.04	6.6	0.7	<0.05	10	<0.5	<0.2
1125513	Soil		4	6	0.13	28	0.039	<1	0.61	0.025	0.03	<0.1	0.03	0.8	0.1	<0.05	3	<0.5	<0.2
1125517	Soil		44	53	0.88	208	0.195	<1	2.89	0.030	0.50	0.7	0.03	7.2	0.5	<0.05	9	<0.5	<0.2
1125518	Soil		17	52	0.89	227	0.213	<1	2.69	0.018	0.64	1.0	0.02	4.8	0.8	<0.05	9	<0.5	<0.2
1125520	Soil		20	39	0.69	184	0.138	2	1.93	0.020	0.35	0.5	0.03	6.1	0.4	<0.05	7	<0.5	<0.2
1125519	Soil		28	45	0.74	181	0.171	<1	2.63	0.015	0.51	0.5	0.02	6.1	0.6	<0.05	8	<0.5	<0.2
1125516	Soil		64	39	0.83	200	0.210	<1	2.53	0.015	0.59	0.8	0.05	7.1	0.6	<0.05	9	<0.5	<0.2
1125514	Soil		14	31	0.64	133	0.126	<1	2.03	0.012	0.25	0.2	0.02	3.8	0.3	<0.05	7	<0.5	<0.2
1125521	Soil		7	29	0.52	73	0.075	6	2.05	0.009	0.07	0.3	0.07	2.3	0.1	0.07	5	0.6	<0.2
1125522	Soil		19	29	0.60	150	0.080	5	1.83	0.012	0.25	0.3	0.03	5.3	0.3	<0.05	6	0.5	<0.2
1125524	Soil		11	28	0.55	98	0.078	5	1.68	0.009	0.07	0.2	0.03	3.1	0.1	<0.05	5	<0.5	<0.2
1125523	Soil		9	28	0.58	76	0.081	5	1.91	0.010	0.10	0.3	0.05	2.6	0.2	0.05	5	<0.5	<0.2
1125526	Soil		6	44	0.71	122	0.053	4	1.46	0.010	0.43	<0.1	0.03	3.0	0.6	<0.05	6	<0.5	<0.2
1125528	Soil		11	43	0.71	118	0.118	6	1.93	0.012	0.24	0.3	0.04	3.5	0.4	<0.05	6	<0.5	<0.2
1125527	Soil		17	90	1.16	278	0.107	4	2.61	0.011	0.37	0.1	0.03	6.2	0.6	<0.05	7	<0.5	<0.2
1125529	Soil		15	80	1.21	465	0.132	4	2.36	0.017	0.72	0.1	0.03	6.2	0.8	<0.05	7	0.5	<0.2
1125530	Soil		8	21	0.36	77	0.046	4	1.33	0.010	0.08	0.1	0.06	1.7	0.2	<0.05	4	<0.5	<0.2
1125531	Soil		9	14	0.25	66	0.032	3	0.81	0.008	0.05	0.1	0.01	1.7	0.1	<0.05	2	<0.5	<0.2
1125532	Soil		12	21	0.35	70	0.049	3	1.42	0.008	0.06	0.1	0.04	2.1	0.2	<0.05	4	<0.5	<0.2
1114466	Soil		24	34	0.64	183	0.086	4	1.96	0.010	0.12	0.1	0.03	3.9	0.2	<0.05	7	<0.5	<0.2
1114462	Soil		66	48	1.04	304	0.152	3	2.26	0.015	0.42	0.2	0.02	5.7	0.5	<0.05	8	<0.5	<0.2
1114464	Soil		17	27	0.48	93	0.086	4	1.33	0.014	0.14	0.1	0.03	2.2	0.2	<0.05	7	<0.5	<0.2
1114463	Soil		4	7	0.08	30	0.053	3	0.32	0.012	0.05	<0.1	0.02	0.7	<0.1	<0.05	3	<0.5	<0.2
1114461	Soil		14	16	0.76	101	0.160	3	1.62	0.010	0.45	0.1	0.02	2.9	0.4	<0.05	15	<0.5	<0.2
1114465	Soil		23	38	0.75	178	0.135	4	1.96	0.010	0.22	0.2	0.03	4.0	0.3	<0.05	8	<0.5	<0.2
1114467	Soil		3	4	0.03	23	0.020	3	0.21	0.014	0.02	<0.1	0.02	0.2	<0.1	<0.05	2	<0.5	<0.2

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600 - 666 Burrard St.
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Project: ECH
Report Date: August 13, 2011

CERTIFICATE OF ANALYSIS DAW11000108.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1114468	Soil	1.1	13.1	10.2	46	<0.1	10.4	5.6	297	2.32	7.2	1.7	2.0	3.9	11	0.1	0.4	0.5	61	0.11	0.034
1114469	Soil	0.4	22.8	7.2	89	<0.1	20.6	15.3	710	4.60	2.7	1.9	1.2	8.4	27	0.2	0.2	0.1	75	0.56	0.181
1114470	Soil	0.4	22.2	7.1	90	<0.1	20.1	15.6	730	4.74	3.0	1.8	0.6	7.9	28	0.1	0.2	0.1	78	0.57	0.181
1114085	Soil	0.7	19.1	9.0	57	<0.1	21.4	13.3	481	3.20	4.6	0.7	3.1	4.1	14	0.2	0.3	0.2	71	0.25	0.064
1117335	Soil	0.8	16.7	10.1	57	<0.1	23.5	12.7	329	3.59	7.2	0.7	1.1	5.2	14	0.1	0.4	0.2	74	0.19	0.047
1117333	Soil	0.4	8.8	4.5	25	<0.1	6.2	5.0	152	1.59	1.9	0.4	1.2	0.6	10	<0.1	0.1	<0.1	40	0.10	0.030
1117334	Soil	1.1	21.7	13.0	66	<0.1	17.4	10.6	510	3.27	6.2	1.1	2.0	3.5	12	0.2	0.3	0.3	76	0.12	0.046
1114084	Soil	0.7	15.7	8.5	49	<0.1	16.8	7.2	246	2.66	5.8	0.7	0.8	1.5	14	0.1	0.3	0.3	57	0.18	0.055
1115700	Soil	0.9	15.4	11.6	55	<0.1	18.4	10.4	353	3.35	6.7	0.8	3.0	4.3	14	0.1	0.3	0.2	74	0.17	0.045
1115699	Soil	0.9	18.3	11.9	63	<0.1	18.7	11.1	449	2.97	5.5	0.9	1.3	3.3	16	<0.1	0.3	0.2	61	0.20	0.054
1115698	Soil	0.7	15.6	9.0	64	<0.1	17.1	8.9	335	2.60	4.0	0.9	0.6	4.8	16	<0.1	0.2	0.2	53	0.22	0.050
1115697	Soil	0.6	17.7	9.3	61	<0.1	17.4	9.2	341	2.71	3.9	1.1	2.1	4.0	13	0.1	0.2	0.2	54	0.18	0.055
1115696	Soil	0.5	24.6	8.8	63	<0.1	21.7	13.1	447	3.21	5.0	1.1	1.8	7.3	19	<0.1	0.3	0.2	63	0.33	0.073
1115693	Soil	0.5	18.1	8.5	49	<0.1	21.1	12.0	360	3.06	5.9	0.7	1.8	9.0	20	<0.1	0.3	0.2	69	0.29	0.062
1115694	Soil	0.8	17.5	8.5	46	<0.1	18.3	9.3	300	2.72	5.8	0.8	2.5	6.7	17	<0.1	0.3	0.2	67	0.23	0.052
1115695	Soil	0.6	16.6	7.4	52	<0.1	21.0	10.5	297	2.77	4.7	0.8	2.4	6.3	15	<0.1	0.3	0.2	59	0.23	0.051
1114454	Soil	1.0	14.8	9.8	44	<0.1	15.7	7.8	248	2.44	6.9	0.8	1.6	3.1	11	0.2	0.5	0.3	64	0.10	0.027
1114456	Soil	0.7	14.0	7.2	50	<0.1	22.9	11.2	309	2.43	4.0	1.7	2.3	7.4	11	0.2	0.3	0.2	53	0.18	0.032
1125572	Soil	1.5	16.4	11.7	48	<0.1	13.0	5.7	253	2.61	6.9	1.4	2.0	1.3	10	0.2	0.6	1.4	78	0.09	0.042
1125573	Soil	0.8	18.8	12.1	72	<0.1	21.1	10.7	527	3.41	6.1	3.7	1.2	2.0	14	0.2	0.3	1.0	60	0.16	0.051
1125575	Soil	1.0	23.0	11.5	92	<0.1	26.8	10.8	1085	3.50	4.7	5.6	0.9	2.5	24	0.2	0.2	1.6	55	0.24	0.057
1125571	Soil	0.6	22.9	6.5	64	<0.1	26.0	10.8	394	2.23	7.3	0.8	3.1	1.7	14	0.3	0.4	0.5	49	0.16	0.047
1125568	Soil	0.9	15.5	9.7	55	<0.1	17.5	7.3	254	3.02	7.6	0.8	1.4	2.7	11	0.2	0.4	3.8	61	0.14	0.042
1125574	Soil	1.0	16.0	10.7	73	<0.1	17.8	9.4	436	3.25	5.8	3.1	<0.5	3.4	15	<0.1	0.2	0.8	58	0.16	0.052
1125569	Soil	0.7	18.2	8.5	63	<0.1	19.3	8.5	437	2.24	5.8	4.1	3.8	1.8	13	0.3	0.4	2.5	54	0.18	0.066
1125563	Soil	0.5	16.0	13.4	79	<0.1	16.3	7.5	400	2.86	5.3	3.8	2.1	6.8	14	0.1	0.3	0.3	53	0.23	0.073
1125565	Soil	0.7	10.6	12.0	74	<0.1	14.0	7.4	376	2.74	5.9	1.3	0.9	5.9	11	0.3	0.3	0.3	57	0.14	0.039
1125566	Soil	0.9	35.7	12.3	73	<0.1	28.8	12.6	651	3.03	5.6	6.1	2.8	4.5	20	0.1	0.4	2.6	53	0.34	0.095
1114459	Soil	0.8	13.9	9.2	42	<0.1	18.2	7.9	232	2.99	5.9	0.9	1.8	6.2	13	0.1	0.4	0.3	63	0.14	0.034
1114460	Soil	0.5	20.6	7.2	60	<0.1	23.4	10.2	247	2.53	4.2	1.4	2.5	7.5	20	0.1	0.4	0.2	57	0.30	0.061

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Project: ECH
Report Date: August 13, 2011

CERTIFICATE OF ANALYSIS DAW11000108.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1114468	Soil	12	22	0.37	84	0.100	2	1.14	0.008	0.12	0.1	0.03	2.6	0.2	<0.05	8	<0.5	<0.2
1114469	Soil	23	45	1.17	231	0.211	2	2.64	0.011	0.77	0.1	0.01	5.8	0.5	<0.05	12	<0.5	<0.2
1114470	Soil	22	49	1.20	229	0.226	2	2.58	0.011	0.78	0.1	0.01	5.7	0.4	<0.05	12	<0.5	<0.2
1114085	Soil	13	41	0.85	115	0.163	2	2.11	0.010	0.29	0.2	0.03	3.2	0.3	<0.05	8	<0.5	<0.2
1117335	Soil	12	46	0.69	118	0.132	2	2.65	0.010	0.16	0.1	0.03	3.6	0.3	<0.05	8	<0.5	<0.2
1117333	Soil	6	13	0.28	45	0.067	1	0.91	0.016	0.08	<0.1	0.02	1.1	0.1	<0.05	4	<0.5	<0.2
1117334	Soil	14	38	0.60	102	0.102	2	2.28	0.008	0.20	0.1	0.03	3.0	0.2	<0.05	9	<0.5	<0.2
1114084	Soil	10	36	0.56	96	0.077	2	2.05	0.009	0.08	0.2	0.05	2.3	0.2	<0.05	6	<0.5	<0.2
1115700	Soil	14	36	0.65	110	0.117	1	2.37	0.009	0.16	0.1	0.03	3.6	0.3	<0.05	9	<0.5	<0.2
1115699	Soil	21	33	0.61	137	0.097	1	1.97	0.011	0.16	0.1	0.03	3.4	0.2	<0.05	7	<0.5	<0.2
1115698	Soil	20	28	0.67	140	0.107	1	1.80	0.010	0.22	0.1	0.02	2.9	0.2	<0.05	6	<0.5	<0.2
1115697	Soil	20	32	0.67	128	0.112	<1	1.88	0.010	0.23	0.1	0.03	2.9	0.2	<0.05	7	<0.5	<0.2
1115696	Soil	25	34	0.99	241	0.157	1	2.28	0.018	0.28	0.1	0.01	4.8	0.3	<0.05	7	<0.5	<0.2
1115693	Soil	25	36	0.88	223	0.139	1	2.26	0.014	0.17	0.2	0.01	4.8	0.2	<0.05	8	<0.5	<0.2
1115694	Soil	20	34	0.76	163	0.126	<1	1.96	0.011	0.15	0.1	0.02	4.1	0.2	<0.05	7	<0.5	<0.2
1115695	Soil	17	36	0.84	127	0.143	<1	2.11	0.010	0.21	0.2	0.02	3.4	0.2	<0.05	7	<0.5	<0.2
1114454	Soil	6	23	0.32	82	0.082	<1	2.07	0.012	0.04	<0.1	0.04	2.2	<0.1	<0.05	7	<0.5	<0.2
1114456	Soil	16	39	0.66	108	0.107	1	1.97	0.013	0.16	0.2	0.02	3.3	0.3	<0.05	6	<0.5	<0.2
1125572	Soil	9	22	0.23	70	0.069	2	1.56	0.007	0.05	0.2	0.09	1.5	0.2	<0.05	9	0.5	<0.2
1125573	Soil	12	35	0.61	178	0.105	2	2.24	0.007	0.20	0.2	0.03	2.8	0.4	<0.05	8	<0.5	<0.2
1125575	Soil	11	51	0.67	324	0.119	1	2.44	0.009	0.55	0.7	0.03	4.3	1.0	0.06	10	<0.5	<0.2
1125571	Soil	7	23	0.47	110	0.062	2	1.89	0.013	0.05	0.2	0.04	2.0	<0.1	<0.05	4	<0.5	<0.2
1125568	Soil	7	28	0.35	62	0.091	1	1.86	0.007	0.05	0.2	0.06	2.1	<0.1	<0.05	7	0.5	<0.2
1125574	Soil	13	33	0.61	176	0.128	1	2.03	0.007	0.32	0.4	0.02	3.0	0.5	<0.05	9	<0.5	<0.2
1125569	Soil	9	25	0.38	119	0.076	1	1.69	0.010	0.07	0.1	0.05	1.9	0.2	<0.05	5	<0.5	<0.2
1125563	Soil	17	26	0.63	140	0.118	2	2.13	0.010	0.39	0.2	0.03	3.6	0.5	<0.05	9	<0.5	<0.2
1125565	Soil	14	25	0.55	82	0.133	2	1.74	0.008	0.30	0.2	0.03	2.7	0.4	<0.05	8	<0.5	<0.2
1125566	Soil	13	33	0.61	139	0.124	2	1.77	0.016	0.36	0.5	0.03	3.5	0.4	<0.05	6	<0.5	<0.2
1114459	Soil	12	40	0.59	122	0.107	2	2.09	0.010	0.12	0.2	0.03	2.8	0.2	<0.05	8	<0.5	<0.2
1114460	Soil	24	45	0.92	348	0.126	2	1.81	0.014	0.23	0.2	0.03	3.9	0.3	<0.05	7	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1114453	Soil	1.0	14.2	12.1	54	<0.1	16.6	8.7	345	3.06	9.3	1.5	3.2	3.8	13	0.1	0.5	0.4	66	0.17	0.040
1114457	Soil	0.9	18.0	9.9	73	<0.1	21.0	11.3	428	3.21	7.9	2.0	1.0	7.7	14	0.4	0.4	0.3	59	0.21	0.062
1114455	Soil	0.7	19.8	9.2	72	<0.1	21.0	9.5	543	2.68	5.8	2.4	1.9	7.1	15	0.3	0.4	0.2	51	0.20	0.044
1114452	Soil	0.5	24.5	10.3	60	<0.1	23.4	10.8	246	3.15	7.6	2.8	2.5	6.6	24	<0.1	0.5	0.4	64	0.34	0.059
1125554	Soil	0.6	21.2	9.5	61	<0.1	20.7	8.1	325	2.54	6.5	2.6	3.1	5.8	15	0.2	0.5	0.2	53	0.22	0.060
1125557	Soil	0.5	20.8	10.4	66	<0.1	18.9	8.9	369	2.32	5.3	5.0	3.8	6.2	21	0.2	0.4	0.3	52	0.31	0.072
1125561	Soil	0.3	13.1	9.5	67	<0.1	14.9	7.0	338	2.36	3.7	2.5	7.1	6.8	16	0.1	0.2	0.3	47	0.31	0.089
1125562	Soil	1.5	19.5	26.7	60	0.3	15.7	11.7	1034	4.55	9.7	5.5	0.8	2.0	13	0.2	0.5	0.6	83	0.13	0.124
1125578	Soil	0.3	13.8	9.7	58	<0.1	16.1	8.2	249	2.09	2.3	3.6	7.5	6.1	12	<0.1	0.2	0.5	46	0.19	0.057
1125556	Soil	0.5	14.8	7.6	57	<0.1	17.8	8.5	373	2.29	5.1	2.1	5.0	5.8	14	0.1	0.4	0.2	52	0.23	0.061
1115334	Soil	0.5	18.6	11.6	89	<0.1	32.1	15.4	307	3.54	2.2	5.6	0.6	6.4	17	0.1	0.2	0.4	58	0.24	0.054
1125553	Soil	0.6	19.2	8.1	72	<0.1	21.5	9.6	496	2.58	6.9	1.3	5.7	4.1	19	0.3	0.4	0.3	56	0.29	0.079
1125567	Soil	0.5	11.0	6.6	42	<0.1	11.9	5.4	264	1.69	3.9	2.6	1.4	1.4	12	0.2	0.3	1.9	42	0.15	0.051
1115333	Soil	0.7	30.9	14.4	83	0.1	25.3	11.7	327	3.58	7.8	4.7	1.4	7.8	17	0.1	0.2	0.6	53	0.22	0.043
1115335	Soil	0.5	17.2	11.5	89	<0.1	30.6	13.0	273	3.21	1.8	3.5	<0.5	6.3	18	<0.1	0.1	0.4	55	0.25	0.055
1125576	Soil	0.2	17.1	9.5	57	<0.1	15.6	6.6	237	1.67	1.3	3.3	7.5	6.3	13	0.1	0.2	0.3	40	0.22	0.061
1114451	Soil	0.8	18.3	8.7	64	<0.1	22.9	13.2	559	3.40	6.1	3.0	3.2	7.1	23	0.1	0.4	0.2	68	0.39	0.090
1114458	Soil	0.8	21.7	9.4	79	0.1	21.4	12.1	436	3.43	5.7	2.3	0.7	9.0	17	0.2	0.4	0.3	65	0.29	0.067
1125580	Soil	0.1	12.2	10.7	73	<0.1	25.6	11.5	228	2.65	1.4	2.2	2.1	5.5	12	<0.1	0.2	0.5	41	0.17	0.043
1125579	Soil	0.2	10.3	10.0	55	<0.1	14.6	7.1	212	2.03	2.3	2.2	1.4	4.5	14	<0.1	0.2	0.5	47	0.20	0.055
1125552	Soil	0.4	19.6	8.7	70	<0.1	20.5	9.9	496	2.60	4.8	3.1	4.3	5.4	20	0.2	0.3	0.4	60	0.34	0.106
1125559	Soil	0.5	13.5	8.9	57	<0.1	15.9	9.4	449	2.41	5.0	3.6	2.5	5.2	15	0.1	0.3	0.3	53	0.22	0.069
1125558	Soil	0.2	13.1	12.8	62	<0.1	16.5	6.6	233	1.79	1.4	4.8	4.5	7.4	15	0.1	0.3	0.4	42	0.24	0.060
1125555	Soil	0.9	19.2	12.3	66	<0.1	19.5	9.6	473	2.83	7.8	2.6	2.9	3.6	15	0.2	0.5	0.3	64	0.18	0.055
1125570	Soil	0.6	21.6	5.3	32	<0.1	6.6	3.7	218	1.25	4.0	0.8	2.0	0.4	13	<0.1	0.3	0.3	30	0.13	0.048
1125564	Soil	0.4	14.3	9.4	56	<0.1	14.9	6.6	283	2.32	4.7	1.4	3.1	5.6	14	0.1	0.3	0.2	51	0.22	0.067
1125577	Soil	0.2	13.4	11.7	60	<0.1	17.7	7.5	216	2.20	3.9	3.0	4.7	8.4	14	<0.1	0.3	0.4	55	0.22	0.054
1125551	Soil	0.3	19.5	10.0	75	<0.1	15.7	10.5	374	3.21	4.3	3.3	<0.5	6.7	21	<0.1	0.4	0.5	79	0.38	0.111
1125560	Soil	0.1	33.3	25.1	170	<0.1	7.1	5.2	400	2.83	3.6	11.9	<0.5	16.2	17	0.1	0.3	0.8	35	0.22	0.075

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

Project: ECH
Report Date: August 13, 2011

CERTIFICATE OF ANALYSIS DAW11000108.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1114453	Soil	11	31	0.51	104	0.078	2	2.08	0.008	0.09	0.2	0.05	3.1	0.2	<0.05	7	<0.5	<0.2
1114457	Soil	12	31	0.73	131	0.096	2	2.47	0.011	0.22	0.3	0.05	4.2	0.4	<0.05	8	<0.5	<0.2
1114455	Soil	15	27	0.56	171	0.087	1	1.82	0.011	0.16	0.2	0.02	3.6	0.3	<0.05	6	<0.5	<0.2
1114452	Soil	20	38	0.70	269	0.112	1	2.19	0.012	0.11	0.2	0.04	5.1	0.3	<0.05	7	<0.5	<0.2
1125554	Soil	17	27	0.59	106	0.101	2	1.87	0.010	0.16	0.2	0.05	3.2	0.3	<0.05	6	<0.5	<0.2
1125557	Soil	16	28	0.53	157	0.106	1	1.56	0.015	0.18	0.1	0.04	3.6	0.3	<0.05	6	<0.5	<0.2
1125561	Soil	15	25	0.64	123	0.126	1	1.76	0.010	0.40	0.2	0.02	3.2	0.5	<0.05	7	<0.5	<0.2
1125562	Soil	10	39	0.49	160	0.072	4	2.86	0.008	0.20	0.2	0.10	3.5	0.5	0.11	11	1.0	<0.2
1125578	Soil	15	31	0.63	163	0.153	1	2.14	0.009	0.40	0.3	0.04	3.8	0.6	<0.05	8	<0.5	<0.2
1125556	Soil	13	24	0.53	86	0.110	1	1.79	0.011	0.17	0.2	0.04	2.6	0.3	<0.05	5	<0.5	<0.2
1115334	Soil	16	51	0.90	288	0.249	<1	2.55	0.019	1.00	0.2	0.01	5.5	0.9	<0.05	10	<0.5	<0.2
1125553	Soil	12	27	0.57	160	0.099	2	1.74	0.013	0.14	0.2	0.04	2.6	0.2	<0.05	5	<0.5	<0.2
1125567	Soil	7	18	0.26	58	0.069	2	1.01	0.011	0.06	0.1	0.03	1.3	<0.1	<0.05	4	<0.5	<0.2
1115333	Soil	19	43	0.81	227	0.205	1	2.33	0.015	0.78	0.2	0.03	5.0	1.0	<0.05	9	<0.5	<0.2
1115335	Soil	15	48	0.90	257	0.227	1	2.46	0.019	0.92	0.1	0.01	5.0	0.9	<0.05	9	<0.5	<0.2
1125576	Soil	15	30	0.57	140	0.140	<1	1.82	0.009	0.35	0.2	0.03	3.3	0.4	<0.05	7	<0.5	<0.2
1114451	Soil	26	35	0.82	212	0.133	1	2.16	0.014	0.30	0.3	0.03	4.6	0.4	<0.05	8	<0.5	<0.2
1114458	Soil	25	35	0.92	196	0.125	2	2.31	0.013	0.29	0.5	0.03	4.9	0.4	<0.05	9	<0.5	<0.2
1125580	Soil	14	43	0.76	183	0.218	1	2.46	0.011	0.60	0.1	0.02	3.9	0.8	<0.05	9	<0.5	<0.2
1125579	Soil	11	29	0.59	146	0.177	<1	1.93	0.009	0.31	0.2	0.03	3.2	0.5	<0.05	8	<0.5	<0.2
1125552	Soil	15	32	0.72	174	0.144	1	2.03	0.013	0.31	0.2	0.01	3.4	0.5	<0.05	6	<0.5	<0.2
1125559	Soil	15	25	0.55	132	0.118	1	1.77	0.011	0.23	0.2	0.04	3.0	0.3	<0.05	6	<0.5	<0.2
1125558	Soil	16	27	0.59	142	0.140	1	1.76	0.012	0.36	0.2	0.03	3.4	0.6	<0.05	7	<0.5	<0.2
1125555	Soil	13	28	0.57	106	0.094	2	1.96	0.010	0.13	0.1	0.05	2.7	0.3	<0.05	7	<0.5	<0.2
1125570	Soil	5	11	0.14	43	0.042	<1	1.29	0.025	0.03	<0.1	0.04	1.1	<0.1	<0.05	4	0.6	<0.2
1125564	Soil	15	26	0.50	78	0.113	1	1.89	0.009	0.15	0.2	0.05	2.8	0.3	<0.05	6	0.7	<0.2
1125577	Soil	16	34	0.61	131	0.168	<1	2.12	0.011	0.36	0.2	0.03	3.7	0.4	<0.05	8	0.7	<0.2
1125551	Soil	16	29	0.97	253	0.204	2	2.58	0.013	0.56	0.1	0.02	5.8	0.6	<0.05	10	0.7	<0.2
1125560	Soil	21	9	0.50	128	0.097	<1	1.53	0.006	0.57	<0.1	<0.01	4.9	0.9	<0.05	18	<0.5	<0.2

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600 - 666 Burrard St.
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Project: ECH
Report Date: August 13, 2011

QUALITY CONTROL REPORT DAW11000108.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1113558	Soil	0.8	15.2	8.6	49	<0.1	19.2	8.2	286	2.42	6.7	0.8	3.3	2.6	12	0.2	0.4	0.2	61	0.14	0.043
REP 1113558	QC	0.9	16.3	8.8	50	<0.1	18.8	8.9	306	2.59	7.6	0.8	2.1	2.8	12	0.2	0.5	0.2	65	0.16	0.044
1115882	Soil	0.6	13.4	10.1	52	<0.1	13.2	7.2	262	2.69	4.1	7.6	2.0	5.5	15	<0.1	0.3	0.4	59	0.23	0.061
REP 1115882	QC	0.5	14.2	10.3	55	<0.1	14.3	7.7	261	2.78	4.1	7.4	6.1	5.5	16	0.1	0.3	0.3	60	0.25	0.060
1114728	Soil	0.9	19.1	9.2	56	<0.1	21.6	9.2	359	3.00	17.1	1.0	5.6	2.0	13	0.1	0.4	0.3	61	0.16	0.042
REP 1114728	QC	0.9	18.3	8.8	57	<0.1	22.0	9.1	364	2.99	16.4	1.0	2.7	2.2	13	0.1	0.4	0.3	62	0.14	0.041
1114703	Soil	0.8	25.7	8.6	61	<0.1	26.2	11.1	388	2.93	8.0	2.1	3.2	4.4	16	0.1	0.4	0.2	69	0.23	0.050
REP 1114703	QC	0.8	26.2	8.6	63	<0.1	26.8	11.4	382	2.92	8.0	2.1	4.9	4.5	16	0.1	0.4	0.2	67	0.23	0.049
1127639	Soil	0.8	23.8	18.3	78	0.1	25.9	10.6	636	2.89	7.2	10.4	4.0	5.6	19	0.3	0.4	0.8	63	0.30	0.091
REP 1127639	QC	0.9	24.7	18.7	79	<0.1	25.9	10.5	619	3.02	9.0	10.3	3.2	5.6	20	0.3	0.5	1.1	61	0.30	0.091
1126174	Soil	0.5	17.5	27.5	66	<0.1	24.3	9.7	587	2.76	3.4	5.1	<0.5	5.1	17	0.2	0.3	0.9	52	0.22	0.058
REP 1126174	QC	0.5	17.5	26.8	66	<0.1	24.6	9.6	579	2.90	3.3	5.2	0.7	5.1	16	0.1	0.3	0.9	51	0.22	0.056
1126192	Soil	0.7	14.8	13.2	62	<0.1	16.6	6.7	326	2.55	5.9	4.9	0.6	2.9	25	<0.1	0.3	0.6	60	0.32	0.059
REP 1126192	QC	0.6	13.6	12.7	56	<0.1	15.4	6.6	293	2.33	5.7	5.0	3.7	3.0	25	<0.1	0.3	0.6	54	0.29	0.054
1114333	Soil	0.9	16.8	10.0	62	0.1	18.5	9.1	436	2.72	5.9	5.4	1.9	6.2	21	0.2	0.3	0.3	62	0.25	0.057
REP 1114333	QC	0.9	16.1	9.7	59	0.1	17.5	9.3	443	2.79	5.9	5.3	2.0	5.9	21	0.2	0.3	0.3	62	0.26	0.065
1114491	Soil	0.6	15.0	7.9	50	<0.1	16.6	7.2	254	2.37	5.6	1.1	1.7	1.0	17	<0.1	0.3	0.3	57	0.22	0.056
REP 1114491	QC	0.9	15.3	8.4	53	<0.1	16.7	7.4	243	2.44	6.0	1.1	1.3	1.0	18	0.1	0.3	1.1	56	0.22	0.057
1127556	Soil	0.4	10.9	15.3	56	<0.1	14.1	7.6	403	1.84	2.2	6.0	2.3	4.2	15	<0.1	0.2	0.5	39	0.22	0.056
REP 1127556	QC	0.4	10.6	15.2	54	<0.1	13.0	7.3	404	1.79	2.9	5.8	2.4	4.1	15	0.2	0.2	0.5	38	0.23	0.059
1116949	Soil	0.6	18.2	9.9	60	<0.1	22.7	9.0	460	2.49	6.4	5.2	5.0	3.7	19	0.3	0.5	0.6	55	0.32	0.095
REP 1116949	QC	0.6	18.6	10.1	58	<0.1	23.0	9.2	456	2.41	6.4	4.9	6.0	3.4	19	0.3	0.4	0.3	55	0.32	0.095
1127628	Soil	1.1	42.4	14.8	70	<0.1	31.5	13.9	559	3.63	10.3	2.5	1.4	6.2	23	0.1	0.5	0.5	80	0.20	0.025
REP 1127628	QC	1.0	42.4	14.6	72	<0.1	31.4	13.8	544	3.58	10.5	2.6	1.5	6.4	24	<0.1	0.5	0.5	79	0.21	0.024
1127606	Soil	0.7	23.9	13.6	82	<0.1	22.8	10.2	460	2.90	8.2	5.7	3.6	2.8	19	0.2	0.5	0.7	64	0.24	0.068
REP 1127606	QC	0.8	24.1	13.6	84	<0.1	22.6	10.8	465	2.95	8.4	5.7	2.6	2.8	19	0.2	0.6	0.7	64	0.23	0.068
1125514	Soil	0.4	20.9	11.5	73	<0.1	23.6	9.3	320	2.57	5.9	1.7	3.5	5.8	18	0.2	0.3	0.4	50	0.31	0.061
REP 1125514	QC	0.5	21.5	11.9	75	<0.1	24.6	9.1	332	2.66	5.8	1.8	4.0	6.1	18	0.2	0.4	0.5	52	0.32	0.064

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Project: ECH
Report Date: August 13, 2011

QUALITY CONTROL REPORT DAW11000108.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1113558	Soil	9	29	0.43	75	0.087	2	2.02	0.009	0.08	0.2	0.04	2.5	0.1	<0.05	6	<0.5	<0.2
REP 1113558	QC	10	30	0.44	80	0.097	2	2.05	0.010	0.09	0.2	0.06	2.7	0.1	<0.05	6	<0.5	<0.2
1115882	Soil	13	30	0.45	150	0.099	2	1.84	0.009	0.14	0.3	0.04	4.1	0.3	<0.05	7	<0.5	<0.2
REP 1115882	QC	14	31	0.45	153	0.103	2	1.89	0.009	0.16	0.4	0.04	4.4	0.3	<0.05	7	0.9	<0.2
1114728	Soil	10	33	0.54	90	0.100	2	1.82	0.009	0.12	0.1	0.06	2.5	0.2	<0.05	7	0.6	<0.2
REP 1114728	QC	10	32	0.55	89	0.093	2	1.80	0.008	0.11	0.2	0.05	2.4	0.2	<0.05	6	<0.5	<0.2
1114703	Soil	19	41	0.71	162	0.118	2	2.18	0.013	0.12	0.2	0.04	4.6	0.3	<0.05	7	0.6	<0.2
REP 1114703	QC	19	40	0.71	158	0.109	2	2.17	0.012	0.11	0.2	0.05	4.4	0.2	<0.05	6	0.6	<0.2
1127639	Soil	19	30	0.59	214	0.063	2	1.97	0.013	0.11	<0.1	0.05	3.6	0.2	0.11	6	0.6	<0.2
REP 1127639	QC	20	30	0.59	218	0.071	2	2.04	0.014	0.11	0.2	0.05	3.5	0.2	0.09	6	<0.5	<0.2
1126174	Soil	13	29	0.49	187	0.043	<1	2.04	0.010	0.14	<0.1	0.03	3.6	0.3	<0.05	5	<0.5	<0.2
REP 1126174	QC	13	28	0.47	182	0.039	<1	1.94	0.009	0.13	0.1	0.02	3.7	0.2	<0.05	5	<0.5	<0.2
1126192	Soil	11	30	0.54	123	0.089	1	1.84	0.015	0.09	0.1	0.02	2.8	0.2	<0.05	6	<0.5	<0.2
REP 1126192	QC	11	27	0.50	122	0.082	1	1.70	0.013	0.08	<0.1	0.02	2.6	0.2	<0.05	6	0.6	<0.2
1114333	Soil	29	31	0.58	197	0.089	<1	1.82	0.014	0.12	0.2	0.05	4.0	0.2	<0.05	7	0.8	<0.2
REP 1114333	QC	30	31	0.63	196	0.099	<1	1.94	0.016	0.13	0.1	0.06	4.3	0.2	<0.05	7	0.6	<0.2
1114491	Soil	11	29	0.44	127	0.068	1	1.66	0.011	0.10	<0.1	0.03	2.5	0.2	<0.05	6	<0.5	<0.2
REP 1114491	QC	12	29	0.44	127	0.068	1	1.68	0.011	0.11	0.1	0.04	2.5	0.2	<0.05	6	0.6	<0.2
1127556	Soil	12	20	0.35	120	0.051	<1	1.26	0.009	0.10	<0.1	0.02	2.6	0.2	<0.05	4	<0.5	<0.2
REP 1127556	QC	12	21	0.32	114	0.055	<1	1.25	0.009	0.09	<0.1	0.02	2.6	0.2	<0.05	4	<0.5	<0.2
1116949	Soil	13	25	0.55	131	0.082	1	1.57	0.013	0.08	0.2	0.03	3.0	0.2	<0.05	5	<0.5	<0.2
REP 1116949	QC	12	25	0.55	133	0.081	1	1.57	0.013	0.08	0.2	0.01	2.9	0.1	<0.05	5	<0.5	<0.2
1127628	Soil	19	47	0.65	266	0.075	<1	2.96	0.011	0.07	<0.1	0.07	7.9	0.1	<0.05	7	<0.5	<0.2
REP 1127628	QC	19	47	0.65	270	0.077	1	2.93	0.011	0.08	0.1	0.06	8.0	0.1	<0.05	8	<0.5	<0.2
1127606	Soil	15	31	0.52	172	0.077	2	2.09	0.012	0.08	0.1	0.04	3.3	0.2	<0.05	6	<0.5	<0.2
REP 1127606	QC	15	31	0.53	175	0.076	<1	2.12	0.012	0.08	0.1	0.03	3.3	0.2	<0.05	7	<0.5	<0.2
1125514	Soil	14	31	0.64	133	0.126	<1	2.03	0.012	0.25	0.2	0.02	3.8	0.3	<0.05	7	<0.5	<0.2
REP 1125514	QC	14	33	0.67	137	0.133	<1	2.15	0.012	0.26	0.2	0.02	4.0	0.3	<0.05	7	<0.5	<0.2

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

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

Project: ECH
Report Date: August 13, 2011

QUALITY CONTROL REPORT DAW11000108.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1125531	Soil	0.3	7.3	13.8	40	<0.1	7.7	2.9	324	1.17	2.7	3.0	1.7	3.9	13	<0.1	0.3	1.5	22	0.17	0.045
REP 1125531	QC	0.3	7.9	13.8	40	<0.1	8.2	3.0	346	1.23	2.7	3.1	1.6	4.0	13	0.1	0.2	1.5	23	0.18	0.043
1115698	Soil	0.7	15.6	9.0	64	<0.1	17.1	8.9	335	2.60	4.0	0.9	0.6	4.8	16	<0.1	0.2	0.2	53	0.22	0.050
REP 1115698	QC	0.6	16.3	9.2	64	<0.1	17.4	9.4	346	2.67	4.1	0.9	1.3	4.9	16	0.1	0.2	0.2	54	0.22	0.049
1125565	Soil	0.7	10.6	12.0	74	<0.1	14.0	7.4	376	2.74	5.9	1.3	0.9	5.9	11	0.3	0.3	0.3	57	0.14	0.039
REP 1125565	QC	0.6	11.0	12.5	73	<0.1	14.5	7.3	385	2.81	6.0	1.4	0.8	6.1	11	0.2	0.4	0.3	56	0.14	0.038
1114458	Soil	0.8	21.7	9.4	79	0.1	21.4	12.1	436	3.43	5.7	2.3	0.7	9.0	17	0.2	0.4	0.3	65	0.29	0.067
REP 1114458	QC	0.7	22.1	9.7	80	0.1	22.4	12.3	450	3.48	5.9	2.4	2.3	9.3	17	0.2	0.4	0.4	66	0.30	0.070
Reference Materials																					
STD DS8	Standard	14.0	110.8	129.0	318	1.8	38.9	7.4	622	2.53	27.8	3.0	112.6	7.3	71	2.3	6.0	6.8	45	0.69	0.079
STD DS8	Standard	12.8	107.8	111.8	295	1.7	36.4	7.4	603	2.34	25.6	2.5	101.1	6.2	63	2.2	5.2	6.0	44	0.67	0.075
STD DS8	Standard	12.3	105.8	116.0	298	1.8	37.5	7.6	608	2.38	23.0	2.6	104.5	6.3	63	2.0	5.2	6.4	42	0.67	0.079
STD DS8	Standard	14.0	114.5	121.8	318	1.9	38.9	8.3	638	2.55	27.8	2.8	116.2	7.0	71	2.4	5.5	6.9	44	0.78	0.078
STD DS8	Standard	11.7	98.1	121.7	284	1.6	35.4	6.7	555	2.25	23.6	2.6	105.0	6.1	60	2.1	5.1	6.7	40	0.61	0.069
STD DS8	Standard	13.7	105.9	125.5	310	1.8	37.1	7.2	612	2.42	26.3	2.7	110.6	7.1	71	2.5	5.6	6.9	41	0.70	0.079
STD DS8	Standard	13.4	99.7	125.3	303	2.0	36.4	7.6	615	2.41	25.2	2.7	126.1	6.9	64	2.3	5.3	6.7	41	0.68	0.079
STD DS8	Standard	13.0	103.5	125.1	306	1.8	37.4	7.4	593	2.40	25.8	2.8	115.6	6.7	64	2.1	5.2	6.6	37	0.69	0.082
STD DS8	Standard	13.1	101.4	123.1	303	1.8	35.8	7.4	616	2.41	26.7	2.7	102.9	7.0	60	2.4	5.1	6.7	40	0.68	0.081
STD DS8	Standard	14.4	106.8	119.1	315	1.8	36.6	7.5	615	2.43	26.8	2.7	108.2	6.4	64	2.4	5.5	6.2	44	0.73	0.078
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.03	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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www.acmelab.com

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

Project: ECH
Report Date: August 13, 2011

QUALITY CONTROL REPORT DAW11000108.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1125531	Soil	9	14	0.25	66	0.032	3	0.81	0.008	0.05	0.1	0.01	1.7	0.1	<0.05	2	<0.5	<0.2
REP 1125531	QC	8	15	0.25	66	0.033	3	0.80	0.010	0.05	<0.1	0.01	1.8	0.1	<0.05	3	0.6	<0.2
1115698	Soil	20	28	0.67	140	0.107	1	1.80	0.010	0.22	0.1	0.02	2.9	0.2	<0.05	6	<0.5	<0.2
REP 1115698	QC	21	29	0.66	144	0.108	2	1.82	0.010	0.22	0.1	0.01	3.0	0.3	<0.05	6	<0.5	<0.2
1125565	Soil	14	25	0.55	82	0.133	2	1.74	0.008	0.30	0.2	0.03	2.7	0.4	<0.05	8	<0.5	<0.2
REP 1125565	QC	14	26	0.57	82	0.134	2	1.75	0.008	0.31	0.2	0.03	2.7	0.4	<0.05	9	<0.5	<0.2
1114458	Soil	25	35	0.92	196	0.125	2	2.31	0.013	0.29	0.5	0.03	4.9	0.4	<0.05	9	<0.5	<0.2
REP 1114458	QC	26	35	0.93	205	0.125	2	2.33	0.013	0.30	0.5	0.03	4.9	0.4	<0.05	9	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	16	113	0.63	294	0.116	3	0.94	0.107	0.42	3.0	0.22	2.2	5.5	0.16	5	5.8	5.1
STD DS8	Standard	14	116	0.55	254	0.113	3	0.87	0.086	0.40	2.8	0.20	2.0	4.9	0.19	4	5.0	5.1
STD DS8	Standard	15	116	0.55	282	0.113	3	0.91	0.083	0.40	3.0	0.19	2.0	5.1	0.18	4	5.0	5.0
STD DS8	Standard	16	121	0.64	291	0.128	1	0.97	0.101	0.44	3.0	0.21	2.3	5.5	0.15	5	5.9	4.9
STD DS8	Standard	11	111	0.59	232	0.102	4	0.82	0.083	0.38	2.7	0.19	1.9	5.2	0.15	4	5.4	4.4
STD DS8	Standard	16	116	0.66	286	0.119	1	0.93	0.088	0.41	2.9	0.18	2.2	5.4	0.15	4	5.4	5.5
STD DS8	Standard	15	113	0.63	297	0.108	2	0.92	0.090	0.43	3.2	0.23	1.9	5.5	0.17	5	5.0	4.8
STD DS8	Standard	14	114	0.60	276	0.105	2	0.90	0.090	0.44	2.9	0.24	2.2	5.6	0.14	5	5.2	5.1
STD DS8	Standard	14	111	0.61	269	0.105	2	0.88	0.087	0.41	3.1	0.19	2.0	5.4	0.15	5	5.0	5.3
STD DS8	Standard	15	118	0.59	279	0.115	2	0.89	0.090	0.41	3.0	0.20	1.9	5.4	0.16	4	5.4	4.9
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

Project: ECH
Report Date: August 13, 2011

QUALITY CONTROL REPORT DAW11000108.1

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

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Report Date: August 13, 2011

QUALITY CONTROL REPORT DAW11000108.1

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

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

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: August 01, 2011
Report Date: August 19, 2011
Page: 1 of 19

CERTIFICATE OF ANALYSIS DAW11000111.1

CLIENT JOB INFORMATION

Project: ECH
Shipment ID: ECH2011-16
P.O. Number
Number of Samples: 514

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	514	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	514	Dry at 60C			WHI
1DX2	514	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Vancouver BC V6C 1H2 Canada

Project: ECH
Report Date: August 19, 2011

CERTIFICATE OF ANALYSIS DAW11000111.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1125102	Soil	0.4	10.0	23.6	79	<0.1	8.6	8.2	652	2.73	5.0	9.6	<0.5	4.8	17	0.2	0.9	1.8	35	0.28	0.135
1125103	Soil	0.4	10.4	24.2	82	<0.1	9.4	8.8	684	2.79	5.2	10.2	1.4	5.2	17	0.2	1.0	1.8	36	0.28	0.139
1125082	Soil	0.6	24.7	25.9	76	<0.1	22.4	10.0	558	2.68	6.3	9.6	1.7	7.1	19	0.2	0.5	0.6	50	0.30	0.092
1125077	Soil	0.8	31.6	40.4	96	0.1	28.2	13.5	964	3.56	8.4	15.4	1.4	8.2	24	0.4	0.6	1.1	59	0.31	0.089
1125097	Soil	0.5	9.1	20.4	83	<0.1	7.5	7.4	441	2.65	2.3	7.6	<0.5	4.5	11	0.1	0.3	1.7	33	0.20	0.086
1125085	Soil	0.7	20.4	37.8	84	0.1	21.9	9.7	862	2.66	5.5	22.5	0.8	3.7	28	0.2	0.4	2.1	47	0.37	0.103
1125093	Soil	0.8	13.2	32.2	63	<0.1	9.0	5.2	498	2.05	3.5	14.4	<0.5	5.0	25	0.1	0.4	0.8	18	0.33	0.076
1125083	Soil	0.5	18.7	31.4	67	<0.1	18.0	7.0	553	2.11	5.0	24.9	0.8	5.7	21	0.2	0.3	1.3	40	0.27	0.080
1125086	Soil	0.7	30.0	19.8	86	<0.1	26.3	11.1	877	2.66	7.5	16.2	1.4	3.3	18	0.5	0.5	0.7	51	0.30	0.095
1125080	Soil	0.5	26.1	19.4	81	<0.1	20.0	10.6	619	2.94	5.9	10.6	2.1	9.6	23	0.2	0.4	1.0	55	0.39	0.098
1125081	Soil	0.7	21.5	30.6	77	0.1	15.9	9.2	607	2.70	4.8	9.5	0.6	4.2	18	0.2	0.4	1.2	47	0.28	0.088
1125079	Soil	0.6	24.1	29.3	86	<0.1	21.5	11.0	703	3.01	5.8	9.2	2.8	7.4	20	0.3	0.4	2.0	51	0.33	0.083
1125089	Soil	0.7	25.6	11.6	76	<0.1	21.1	10.0	521	2.51	6.1	4.6	3.8	5.3	18	0.3	0.4	1.1	54	0.35	0.101
1125100	Soil	0.3	7.9	21.2	68	<0.1	7.7	7.9	658	2.63	5.4	9.2	0.8	9.3	19	0.1	0.4	1.6	29	0.29	0.108
1125101	Soil	0.5	8.6	18.5	56	<0.1	8.0	7.2	441	2.85	3.8	6.5	1.2	3.5	9	0.1	0.4	1.9	34	0.16	0.073
1125076	Soil	0.6	19.8	42.9	86	<0.1	17.5	9.7	702	3.26	5.6	12.3	1.7	6.3	20	0.2	0.4	2.5	48	0.27	0.073
1125095	Soil	0.6	12.0	33.6	63	<0.1	8.7	6.3	509	1.96	3.9	22.8	0.9	7.5	27	<0.1	0.4	0.8	13	0.27	0.054
1125084	Soil	0.7	25.4	43.3	83	<0.1	22.7	10.2	886	2.69	7.5	32.8	2.9	4.2	27	0.2	0.6	0.9	46	0.31	0.096
1125088	Soil	0.6	27.1	16.2	79	<0.1	27.2	11.0	638	2.53	6.9	14.8	6.5	5.1	16	0.2	0.4	1.8	52	0.29	0.080
1125090	Soil	0.3	11.3	12.1	48	<0.1	10.3	5.4	403	1.59	2.1	3.9	0.9	4.9	14	0.1	0.2	0.9	34	0.29	0.060
1125094	Soil	0.7	11.2	35.1	57	<0.1	7.2	5.4	515	1.90	3.4	14.4	0.8	6.5	24	<0.1	0.5	0.8	14	0.28	0.059
1125087	Soil	0.6	17.8	16.1	60	<0.1	14.7	6.8	426	2.18	5.3	5.2	2.7	3.0	12	0.2	0.3	0.8	44	0.17	0.076
1125098	Soil	1.6	13.9	20.5	56	<0.1	10.0	7.1	448	2.69	6.8	3.2	4.6	2.7	11	0.1	0.7	0.9	76	0.10	0.057
1125092	Soil	0.9	15.9	37.9	64	<0.1	11.9	6.9	630	2.42	4.3	21.0	0.9	3.5	19	<0.1	0.4	1.2	27	0.25	0.075
1125078	Soil	0.7	23.6	25.7	77	0.1	19.1	9.7	786	2.88	5.8	14.0	2.4	1.3	16	0.3	0.5	1.0	51	0.16	0.072
1125096	Soil	0.8	14.6	30.4	72	<0.1	9.2	7.4	463	2.97	3.3	22.7	0.8	3.7	12	<0.1	0.3	2.2	39	0.16	0.078
1125091	Soil	0.6	27.1	21.8	81	<0.1	24.2	10.7	700	2.85	7.8	9.1	3.2	2.9	16	0.3	0.5	0.6	55	0.22	0.091
1125099	Soil	0.9	12.6	19.0	55	<0.1	13.0	7.2	473	2.78	6.1	3.7	2.2	2.1	9	0.1	0.6	1.1	48	0.09	0.056
1114774	Soil	1.7	16.6	13.4	53	<0.1	16.8	7.3	359	2.68	7.8	2.0	4.4	3.9	12	0.2	0.6	0.6	61	0.16	0.062
1114784	Soil	1.3	10.3	12.3	45	<0.1	12.0	4.7	191	1.93	5.9	2.0	2.6	2.9	9	0.2	0.3	1.7	48	0.12	0.043

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

Project: ECH
Report Date: August 19, 2011

CERTIFICATE OF ANALYSIS DAW11000111.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1125102	Soil	20	13	0.30	84	0.024	1	1.19	0.005	0.13	0.1	0.02	2.3	0.2	<0.05	4	<0.5	<0.2
1125103	Soil	20	13	0.30	87	0.024	<1	1.18	0.004	0.13	<0.1	0.02	2.3	0.2	<0.05	4	0.5	<0.2
1125082	Soil	18	24	0.51	117	0.071	<1	1.71	0.010	0.09	0.1	0.03	3.1	0.1	<0.05	5	<0.5	<0.2
1125077	Soil	37	31	0.57	245	0.051	1	2.20	0.012	0.11	0.1	0.06	4.6	0.2	<0.05	6	<0.5	<0.2
1125097	Soil	18	14	0.43	106	0.059	<1	1.17	0.010	0.29	0.7	0.03	2.4	0.3	<0.05	5	<0.5	<0.2
1125085	Soil	15	29	0.47	132	0.053	2	1.57	0.016	0.10	0.1	0.05	2.7	0.2	<0.05	5	<0.5	<0.2
1125093	Soil	17	11	0.17	124	0.003	<1	0.72	0.006	0.08	<0.1	0.02	1.9	0.1	<0.05	2	<0.5	<0.2
1125083	Soil	13	21	0.39	108	0.058	<1	1.22	0.014	0.07	0.1	0.04	2.4	0.1	<0.05	3	<0.5	<0.2
1125086	Soil	14	33	0.58	127	0.076	1	1.98	0.014	0.12	0.1	0.06	3.2	0.2	<0.05	6	0.6	<0.2
1125080	Soil	33	25	0.60	150	0.090	1	1.80	0.015	0.14	<0.1	0.05	4.0	0.2	<0.05	6	<0.5	<0.2
1125081	Soil	26	21	0.41	113	0.041	<1	1.50	0.013	0.09	0.1	0.07	2.6	0.2	<0.05	5	<0.5	<0.2
1125079	Soil	25	25	0.49	147	0.055	<1	1.71	0.011	0.11	0.2	0.04	3.2	0.2	<0.05	5	<0.5	<0.2
1125089	Soil	13	25	0.54	120	0.110	1	1.61	0.014	0.14	0.2	0.03	2.7	0.3	<0.05	6	<0.5	<0.2
1125100	Soil	20	15	0.49	126	0.056	<1	1.37	0.006	0.24	0.1	0.02	2.7	0.3	<0.05	5	<0.5	<0.2
1125101	Soil	14	16	0.48	73	0.054	<1	1.53	0.004	0.19	0.1	0.03	1.9	0.3	<0.05	6	<0.5	<0.2
1125076	Soil	28	22	0.38	206	0.014	<1	1.72	0.008	0.11	0.1	0.07	3.4	0.2	<0.05	6	0.6	<0.2
1125095	Soil	21	7	0.17	85	0.002	<1	0.45	0.004	0.08	<0.1	0.02	1.8	0.1	<0.05	2	<0.5	<0.2
1125084	Soil	15	25	0.47	150	0.049	1	1.73	0.014	0.08	0.1	0.05	2.8	0.1	<0.05	4	<0.5	<0.2
1125088	Soil	14	31	0.58	125	0.087	1	1.82	0.011	0.12	0.1	0.03	2.8	0.3	<0.05	6	<0.5	<0.2
1125090	Soil	14	14	0.39	81	0.068	<1	1.10	0.009	0.16	<0.1	0.03	2.0	0.2	<0.05	4	<0.5	<0.2
1125094	Soil	18	8	0.15	97	0.003	<1	0.57	0.004	0.09	<0.1	0.02	1.6	0.1	<0.05	2	<0.5	<0.2
1125087	Soil	11	20	0.37	74	0.065	1	1.55	0.008	0.09	0.1	0.07	2.0	0.2	<0.05	5	<0.5	<0.2
1125098	Soil	13	20	0.26	57	0.070	<1	1.40	0.004	0.07	0.2	0.04	1.8	0.1	<0.05	8	<0.5	<0.2
1125092	Soil	18	14	0.25	114	0.006	<1	1.05	0.007	0.07	<0.1	0.03	2.1	0.1	0.05	3	<0.5	<0.2
1125078	Soil	40	25	0.43	151	0.024	2	1.94	0.011	0.08	0.1	0.05	2.0	0.2	0.07	6	0.6	<0.2
1125096	Soil	18	16	0.45	89	0.040	<1	1.50	0.014	0.18	0.2	0.05	3.2	0.3	<0.05	6	0.6	<0.2
1125091	Soil	14	25	0.54	115	0.064	1	1.86	0.012	0.10	0.1	0.03	2.9	0.2	<0.05	6	<0.5	<0.2
1125099	Soil	11	20	0.31	64	0.048	<1	1.41	0.007	0.09	0.1	0.05	2.0	0.2	<0.05	6	<0.5	<0.2
1114774	Soil	11	26	0.37	83	0.076	1	1.53	0.010	0.07	0.2	0.03	2.2	0.2	<0.05	7	<0.5	<0.2
1114784	Soil	9	19	0.28	54	0.071	1	1.08	0.010	0.06	0.2	0.03	1.8	<0.1	<0.05	6	<0.5	<0.2

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CERTIFICATE OF ANALYSIS DAW11000111.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1114789	Soil	1.0	15.6	19.5	63	<0.1	17.2	8.0	391	2.27	5.8	6.6	7.5	5.5	19	<0.1	0.4	1.5	44	0.29	0.077
1114786	Soil	1.3	19.8	18.4	74	0.2	19.8	8.7	448	2.69	8.3	7.9	2.4	2.1	31	0.3	0.4	1.8	51	0.40	0.065
1114796	Soil	0.6	8.3	4.7	16	<0.1	2.2	1.6	49	0.94	2.2	0.4	<0.5	0.3	7	<0.1	0.1	0.3	23	0.04	0.019
1114787	Soil	1.4	14.8	12.7	68	0.1	13.1	6.8	341	3.06	8.2	0.8	1.0	1.2	16	0.4	0.5	0.7	66	0.15	0.048
1114790	Soil	1.0	18.3	18.0	74	0.1	21.9	9.1	484	2.65	6.3	7.5	3.2	5.1	21	0.2	0.4	1.6	52	0.33	0.082
1114793	Soil	1.2	15.9	30.2	80	<0.1	16.1	8.1	407	2.28	6.5	5.1	1.8	2.9	14	0.6	0.4	1.0	44	0.16	0.058
1114795	Soil	0.9	9.5	16.2	37	<0.1	7.6	4.0	211	1.88	4.7	3.6	1.0	1.3	10	0.1	0.3	1.2	41	0.11	0.039
1114791	Soil	1.6	10.5	15.9	49	<0.1	11.7	5.5	285	2.67	7.8	1.4	2.2	2.6	10	0.2	0.4	1.5	66	0.12	0.040
1114778	Soil	1.3	14.6	12.4	51	<0.1	15.5	5.8	257	2.85	8.7	1.8	1.9	4.5	9	0.1	0.5	0.9	59	0.12	0.045
1114779	Soil	0.8	25.5	8.4	58	<0.1	22.0	7.7	321	2.39	6.1	3.3	1.9	5.1	23	0.2	0.5	0.4	54	0.36	0.094
1114775	Soil	1.3	21.4	15.8	62	<0.1	20.8	10.2	388	2.95	9.2	4.2	3.4	5.9	15	0.2	0.5	0.6	60	0.16	0.059
1114785	Soil	1.6	20.6	24.8	74	0.1	21.3	13.3	730	2.89	9.4	9.7	2.6	2.5	33	0.3	0.5	1.8	59	0.43	0.066
1114773	Soil	1.1	12.6	15.4	37	<0.1	12.7	5.1	207	2.43	6.6	1.3	1.2	2.6	9	0.2	0.5	0.5	57	0.09	0.044
1114781	Soil	1.1	12.5	12.7	33	0.1	10.2	3.8	131	1.50	3.2	2.0	2.7	1.2	11	0.5	0.3	0.5	38	0.11	0.044
1114788	Soil	1.0	16.3	17.4	68	<0.1	18.1	8.3	397	2.31	5.5	6.6	4.1	6.2	19	<0.1	0.4	1.3	44	0.32	0.082
1114794	Soil	1.1	16.4	19.1	64	<0.1	20.2	8.7	374	2.69	8.0	4.9	2.6	3.7	17	0.2	0.4	1.6	57	0.24	0.060
1114782	Soil	1.6	16.8	22.4	87	<0.1	21.5	12.1	537	3.25	8.7	2.7	2.1	6.2	12	0.3	0.4	1.4	56	0.19	0.079
1114783	Soil	1.5	16.8	18.4	59	<0.1	17.4	8.9	314	2.91	8.5	2.8	1.9	3.8	16	0.3	0.5	1.6	56	0.16	0.038
1114792	Soil	1.4	24.6	24.0	78	0.2	18.1	9.3	482	2.85	7.9	10.3	1.0	2.7	20	0.5	0.4	1.5	51	0.20	0.046
1114780	Soil	1.0	19.3	14.1	68	<0.1	18.9	8.8	490	2.43	5.9	8.0	3.6	5.7	17	0.3	0.4	1.4	47	0.28	0.089
1114764	Soil	1.0	15.5	14.6	62	0.2	17.4	8.6	380	2.49	5.8	3.8	2.8	1.7	23	0.2	0.4	0.6	52	0.26	0.067
1114770	Soil	1.0	12.8	12.2	40	<0.1	12.0	5.5	236	2.42	6.8	1.1	2.1	2.4	10	0.2	0.3	0.6	63	0.13	0.048
1114763	Soil	0.5	12.6	16.3	52	0.2	16.8	6.1	246	2.04	4.0	4.3	2.0	1.8	18	0.1	0.3	0.5	46	0.24	0.063
1114765	Soil	0.8	24.6	10.1	59	0.1	19.5	9.4	573	2.59	8.1	4.7	2.8	5.1	20	0.3	0.5	0.5	52	0.27	0.075
1114772	Soil	1.1	15.5	10.9	45	<0.1	16.2	7.3	306	2.38	6.2	1.5	1.9	3.2	12	0.2	0.4	0.4	53	0.16	0.057
1114776	Soil	0.9	12.0	11.4	35	<0.1	11.2	4.5	185	2.17	4.8	1.5	0.9	2.2	12	<0.1	0.3	0.4	49	0.10	0.035
1114762	Soil	0.7	20.2	7.3	53	<0.1	21.0	9.0	368	2.29	5.6	1.4	2.1	4.1	18	0.2	0.4	0.3	53	0.33	0.093
1114766	Soil	1.2	11.9	9.5	25	<0.1	7.1	3.0	123	1.85	4.1	0.8	2.6	1.5	8	<0.1	0.4	0.3	51	0.07	0.045
1114769	Soil	0.8	16.3	7.6	53	<0.1	19.0	7.9	333	2.19	5.0	1.7	1.9	4.5	17	0.3	0.4	0.3	52	0.30	0.077
1114768	Soil	1.1	24.9	12.4	77	0.1	23.3	10.8	560	3.15	10.5	4.0	2.3	4.5	14	0.7	0.9	0.8	65	0.20	0.071

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1114789	Soil		13	22	0.41	120	0.068	1	1.38	0.013	0.08	0.2	0.03	2.5	0.1	<0.05	5	<0.5	<0.2
1114786	Soil		15	25	0.44	216	0.044	1	1.80	0.014	0.08	0.2	0.05	2.8	0.1	<0.05	6	<0.5	<0.2
1114796	Soil		2	6	0.06	25	0.039	<1	0.73	0.018	0.02	<0.1	0.04	0.6	<0.1	<0.05	4	<0.5	<0.2
1114787	Soil		8	25	0.28	142	0.077	1	1.57	0.009	0.05	0.1	0.06	1.9	0.1	<0.05	8	0.5	<0.2
1114790	Soil		16	27	0.49	154	0.079	1	1.61	0.015	0.11	0.2	0.03	3.1	0.2	<0.05	5	<0.5	<0.2
1114793	Soil		10	21	0.33	141	0.056	<1	1.52	0.017	0.07	0.1	0.02	2.2	0.1	<0.05	5	<0.5	<0.2
1114795	Soil		6	13	0.22	63	0.046	<1	1.21	0.017	0.04	0.1	0.03	1.4	<0.1	<0.05	4	<0.5	<0.2
1114791	Soil		8	21	0.28	67	0.079	<1	1.44	0.007	0.06	0.2	0.05	1.8	0.1	<0.05	8	<0.5	<0.2
1114778	Soil		9	22	0.32	63	0.078	1	1.25	0.010	0.07	0.2	0.02	2.0	0.1	<0.05	7	<0.5	<0.2
1114779	Soil		15	29	0.49	183	0.094	1	1.36	0.016	0.08	0.2	0.02	3.9	<0.1	<0.05	4	<0.5	<0.2
1114775	Soil		18	28	0.47	178	0.074	<1	2.26	0.014	0.08	0.2	0.02	3.5	0.2	<0.05	7	<0.5	<0.2
1114785	Soil		13	27	0.45	258	0.051	1	1.88	0.015	0.08	0.2	0.07	3.0	0.2	<0.05	6	<0.5	<0.2
1114773	Soil		8	22	0.29	56	0.067	1	1.36	0.009	0.05	0.1	0.05	1.9	0.1	<0.05	6	<0.5	<0.2
1114781	Soil		8	17	0.17	87	0.040	1	0.65	0.011	0.06	0.2	0.06	1.2	<0.1	<0.05	3	<0.5	<0.2
1114788	Soil		14	22	0.44	119	0.073	<1	1.33	0.014	0.08	0.2	0.02	2.6	0.1	<0.05	5	<0.5	<0.2
1114794	Soil		12	25	0.42	138	0.063	1	1.63	0.012	0.07	0.3	0.03	2.6	0.1	<0.05	5	<0.5	<0.2
1114782	Soil		11	28	0.43	114	0.072	<1	2.31	0.010	0.08	0.2	0.04	2.6	0.2	<0.05	7	<0.5	<0.2
1114783	Soil		9	25	0.35	115	0.057	1	2.11	0.011	0.07	0.2	0.05	2.6	0.1	<0.05	6	<0.5	<0.2
1114792	Soil		17	25	0.41	186	0.047	<1	2.00	0.016	0.08	0.2	0.06	2.8	0.2	<0.05	7	<0.5	<0.2
1114780	Soil		15	23	0.40	179	0.077	<1	1.44	0.014	0.09	0.2	0.03	2.8	0.2	<0.05	5	<0.5	<0.2
1114764	Soil		13	28	0.43	212	0.043	1	1.82	0.012	0.07	0.2	0.05	2.9	0.2	0.05	6	<0.5	<0.2
1114770	Soil		10	23	0.34	59	0.081	<1	1.44	0.008	0.06	0.1	0.02	1.9	0.1	<0.05	8	<0.5	<0.2
1114763	Soil		13	29	0.46	179	0.043	1	1.72	0.011	0.06	0.1	0.06	3.1	0.1	<0.05	5	<0.5	<0.2
1114765	Soil		15	27	0.51	172	0.087	<1	1.58	0.014	0.09	0.2	0.03	3.6	0.1	<0.05	5	<0.5	<0.2
1114772	Soil		9	22	0.33	93	0.071	<1	1.43	0.012	0.05	0.1	0.04	2.0	0.1	<0.05	5	<0.5	<0.2
1114776	Soil		8	17	0.26	95	0.055	<1	1.33	0.012	0.04	0.1	0.03	1.8	0.1	<0.05	5	<0.5	<0.2
1114762	Soil		12	26	0.51	121	0.094	<1	1.41	0.014	0.09	0.2	0.02	2.7	0.1	<0.05	4	0.5	<0.2
1114766	Soil		9	17	0.15	43	0.048	<1	1.39	0.007	0.05	0.1	0.07	1.3	0.1	<0.05	7	<0.5	<0.2
1114769	Soil		13	25	0.45	104	0.089	1	1.26	0.015	0.08	0.2	0.03	2.4	0.1	<0.05	5	<0.5	<0.2
1114768	Soil		16	33	0.51	204	0.077	3	2.21	0.010	0.11	0.2	0.03	3.8	0.2	0.07	7	<0.5	<0.2

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

Project: ECH
Report Date: August 19, 2011

CERTIFICATE OF ANALYSIS DAW11000111.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1114767	Soil		0.9	20.5	9.4	62	<0.1	22.1	10.7	442	2.84	9.1	2.1	2.4	4.9	14	0.4	0.4	0.4	59	0.25	0.070
1114771	Soil		1.0	25.8	12.8	83	0.1	25.5	11.0	594	3.16	8.8	6.2	<0.5	4.7	20	0.1	0.2	0.6	61	0.26	0.085
1127676	Soil		0.8	23.4	14.7	54	<0.1	29.8	11.5	373	3.10	11.0	1.0	3.5	3.1	11	0.3	0.6	0.8	60	0.13	0.028
1127675	Soil		1.1	34.6	16.6	52	<0.1	17.0	6.6	227	2.41	9.1	2.3	2.7	0.3	18	0.2	0.6	1.6	49	0.18	0.073
1127662	Soil		1.6	17.8	19.5	60	<0.1	17.1	7.2	366	2.92	7.5	1.7	2.8	1.9	9	0.2	0.6	1.9	65	0.11	0.044
1127661	Soil		1.1	26.7	11.6	67	<0.1	29.4	13.2	529	3.24	9.6	1.5	1.9	3.4	13	0.1	0.6	0.5	67	0.16	0.033
1127664	Soil		0.9	22.5	11.5	68	<0.1	24.6	10.0	478	2.82	7.1	3.8	<0.5	4.8	17	0.4	0.6	1.0	60	0.23	0.063
1127677	Soil		0.7	17.8	12.9	61	<0.1	20.1	8.6	433	2.43	6.3	2.7	2.6	3.3	15	0.3	0.5	1.3	51	0.24	0.058
1127653	Soil		1.2	17.9	10.4	50	<0.1	19.1	8.3	345	3.16	8.0	0.6	3.7	3.0	11	<0.1	0.4	0.2	70	0.14	0.039
1127657	Soil		0.9	23.8	14.1	58	<0.1	26.7	10.3	399	2.81	9.6	1.6	2.7	2.4	13	0.2	0.5	0.4	67	0.17	0.033
1127659	Soil		1.4	22.5	14.8	62	<0.1	28.2	11.5	429	3.05	10.0	1.0	2.5	1.7	13	0.2	0.5	0.4	66	0.15	0.051
1127680	Soil		0.6	19.3	12.0	64	<0.1	21.7	9.4	434	2.44	6.0	2.8	3.4	3.9	18	0.4	0.3	1.0	56	0.35	0.089
1127652	Soil		1.1	22.1	13.4	65	<0.1	23.5	9.9	519	2.96	6.9	1.2	3.1	2.7	12	0.2	0.5	0.4	62	0.15	0.046
1127651	Soil		1.1	25.7	9.8	56	<0.1	25.3	9.4	277	3.06	8.3	1.2	2.8	3.4	13	<0.1	0.5	0.2	66	0.17	0.040
1127658	Soil		1.1	23.8	13.4	68	<0.1	27.2	11.5	349	3.08	9.3	1.4	3.3	1.7	12	0.3	0.4	0.2	65	0.16	0.043
1127671	Soil		1.1	18.0	16.5	52	<0.1	19.3	7.4	337	2.80	7.7	0.9	0.9	0.8	10	0.2	0.6	2.0	63	0.13	0.047
1127654	Soil		0.7	28.2	9.0	58	<0.1	25.4	9.8	369	2.71	6.2	1.2	2.7	4.6	14	<0.1	0.4	0.2	57	0.22	0.045
1127660	Soil		0.8	21.6	14.4	55	<0.1	23.7	10.7	415	2.66	7.2	0.9	0.8	3.3	11	<0.1	0.4	0.2	62	0.14	0.028
1127655	Soil		1.4	22.7	15.3	63	<0.1	26.6	11.0	390	3.30	8.5	1.0	1.1	2.5	13	0.3	0.5	0.4	72	0.16	0.041
1127679	Soil		0.9	21.0	11.2	49	<0.1	10.7	5.3	313	1.90	5.1	1.0	1.7	0.7	14	0.2	0.3	1.2	38	0.16	0.054
1127668	Soil		1.3	14.1	14.6	48	<0.1	11.6	5.6	199	2.75	7.0	0.7	3.6	1.6	10	0.2	0.5	1.6	77	0.11	0.037
1127656	Soil		0.7	20.9	11.9	54	<0.1	22.8	10.1	382	2.58	6.6	0.8	4.6	2.7	12	<0.1	0.5	0.5	62	0.16	0.029
1127683	Soil		0.9	22.5	13.6	68	0.1	24.1	10.7	312	2.89	7.1	4.6	3.2	3.2	19	0.2	0.4	0.8	62	0.27	0.077
1127678	Soil		0.7	13.1	14.6	57	<0.1	16.1	6.3	285	2.25	5.7	1.5	2.5	2.9	13	0.3	0.4	4.3	51	0.21	0.054
1127682	Soil		0.7	17.5	11.4	56	<0.1	16.8	8.2	344	2.27	5.5	3.2	1.8	4.3	15	0.2	0.3	1.2	51	0.27	0.087
1127681	Soil		0.7	16.5	10.6	57	<0.1	16.9	8.5	336	2.34	5.3	2.2	4.9	4.8	15	0.1	0.3	0.8	52	0.28	0.090
1127663	Soil		1.6	16.4	12.6	55	<0.1	12.5	5.3	443	2.66	6.1	0.9	1.8	0.8	11	0.2	0.6	1.0	71	0.12	0.049
1127672	Soil		1.2	17.4	15.5	53	<0.1	23.0	9.4	335	3.25	10.0	0.9	3.7	2.5	11	0.2	0.7	0.8	73	0.13	0.037
1127673	Soil		1.5	13.6	13.7	47	<0.1	13.1	5.3	221	2.76	7.2	1.0	<0.5	2.4	9	0.2	0.6	0.8	91	0.09	0.029
1127674	Soil		0.9	18.0	16.0	60	<0.1	19.8	8.3	471	2.44	5.9	2.2	5.2	2.0	15	0.2	0.4	1.6	54	0.20	0.058

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1114767	Soil		14	28	0.47	172	0.087	2	1.91	0.012	0.10	0.2	0.03	2.9	0.2	<0.05	6	<0.5	<0.2
1114771	Soil		17	30	0.51	224	0.068	<1	2.00	0.012	0.11	0.1	0.03	3.4	0.2	<0.05	7	0.8	<0.2
1127676	Soil		8	34	0.52	96	0.064	3	2.84	0.010	0.05	0.2	0.04	3.0	0.1	<0.05	5	0.6	<0.2
1127675	Soil		8	23	0.36	117	0.034	2	1.81	0.020	0.05	0.1	0.04	1.6	0.1	0.06	5	<0.5	<0.2
1127662	Soil		9	25	0.29	79	0.045	2	1.63	0.008	0.07	0.1	0.06	1.7	0.1	0.06	6	0.6	<0.2
1127661	Soil		12	37	0.62	126	0.088	2	2.45	0.012	0.09	0.1	0.03	3.7	0.1	<0.05	6	<0.5	<0.2
1127664	Soil		21	33	0.56	149	0.084	2	1.96	0.012	0.11	0.2	0.04	4.2	0.2	<0.05	6	0.7	<0.2
1127677	Soil		10	27	0.41	116	0.068	2	1.78	0.010	0.05	0.2	0.02	2.8	0.1	<0.05	4	<0.5	<0.2
1127653	Soil		10	28	0.37	85	0.084	2	1.83	0.010	0.07	0.2	0.05	2.1	0.1	<0.05	8	<0.5	<0.2
1127657	Soil		12	31	0.49	102	0.084	<1	2.16	0.010	0.07	0.2	0.04	3.1	0.2	<0.05	5	<0.5	<0.2
1127659	Soil		9	34	0.47	101	0.070	3	2.63	0.011	0.07	0.1	0.06	2.5	0.1	<0.05	6	0.5	<0.2
1127680	Soil		12	27	0.47	144	0.088	2	1.46	0.016	0.08	0.2	0.02	2.7	0.1	<0.05	5	<0.5	<0.2
1127652	Soil		11	28	0.45	108	0.061	1	1.92	0.012	0.08	0.1	0.04	2.5	0.1	<0.05	6	<0.5	<0.2
1127651	Soil		17	35	0.53	125	0.090	2	2.22	0.010	0.08	0.3	0.03	4.0	0.2	<0.05	7	0.6	<0.2
1127658	Soil		8	32	0.47	104	0.076	2	2.35	0.011	0.07	0.1	0.08	2.7	<0.1	<0.05	6	<0.5	<0.2
1127671	Soil		8	27	0.35	84	0.055	2	1.98	0.009	0.06	0.1	0.07	1.9	0.1	<0.05	6	<0.5	<0.2
1127654	Soil		15	30	0.56	111	0.091	1	1.97	0.011	0.08	0.2	0.03	3.4	0.1	<0.05	5	<0.5	<0.2
1127660	Soil		11	31	0.53	82	0.089	1	2.09	0.010	0.07	0.1	0.04	2.8	0.1	<0.05	6	<0.5	<0.2
1127655	Soil		11	36	0.51	109	0.085	2	2.59	0.010	0.07	0.1	0.04	3.2	0.1	<0.05	7	<0.5	<0.2
1127679	Soil		7	15	0.26	72	0.042	1	1.33	0.020	0.05	0.1	0.02	1.3	0.1	<0.05	4	0.5	<0.2
1127668	Soil		10	24	0.24	70	0.066	<1	1.36	0.008	0.04	0.2	0.03	1.8	<0.1	<0.05	8	<0.5	<0.2
1127656	Soil		10	29	0.44	84	0.086	1	1.88	0.010	0.06	0.1	0.03	2.7	0.1	<0.05	5	<0.5	<0.2
1127683	Soil		15	32	0.48	212	0.084	2	2.20	0.012	0.10	0.2	0.05	4.1	0.2	<0.05	7	<0.5	<0.2
1127678	Soil		10	22	0.36	81	0.060	1	1.47	0.009	0.05	0.2	0.05	1.9	0.1	<0.05	4	<0.5	<0.2
1127682	Soil		13	24	0.40	125	0.089	1	1.70	0.014	0.11	0.2	0.02	2.8	0.1	<0.05	5	<0.5	<0.2
1127681	Soil		13	24	0.41	118	0.092	1	1.55	0.012	0.11	0.3	0.03	2.6	0.2	<0.05	5	<0.5	<0.2
1127663	Soil		8	21	0.19	78	0.061	1	1.26	0.009	0.06	0.1	0.07	1.3	0.1	0.06	7	<0.5	<0.2
1127672	Soil		9	31	0.43	82	0.088	2	2.42	0.010	0.06	0.2	0.05	2.8	<0.1	<0.05	7	<0.5	<0.2
1127673	Soil		11	24	0.24	79	0.079	<1	1.79	0.006	0.04	0.2	0.06	2.1	0.1	<0.05	9	<0.5	<0.2
1127674	Soil		11	27	0.39	112	0.064	<1	1.71	0.011	0.05	0.2	0.04	2.3	0.1	<0.05	5	0.5	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1127665	Soil		1.3	17.5	16.5	57	<0.1	17.7	7.2	321	2.40	5.2	1.4	<0.5	0.9	12	0.3	0.5	0.7	54	0.13	0.049
1127670	Soil		0.6	15.7	26.0	54	<0.1	17.1	7.0	598	2.12	4.3	1.8	6.4	3.3	17	0.2	0.4	5.4	46	0.26	0.057
1127666	Soil		0.9	16.4	17.5	69	<0.1	19.0	8.9	410	2.50	6.4	1.6	5.1	3.3	15	0.3	0.5	1.1	54	0.21	0.066
1127669	Soil		0.7	12.1	18.5	50	<0.1	15.0	5.9	355	1.90	4.1	1.3	3.5	1.1	11	0.2	0.3	4.2	41	0.18	0.060
1127667	Soil		0.9	13.3	18.1	51	<0.1	15.0	6.5	327	2.29	3.9	1.0	0.7	1.6	11	0.2	0.4	1.4	48	0.14	0.045
1126349	Soil		0.6	17.8	5.9	51	<0.1	21.3	8.2	330	2.30	5.4	1.0	1.6	3.9	17	0.2	0.4	0.6	48	0.28	0.083
1127577	Soil		0.5	13.6	6.3	54	<0.1	20.0	9.3	380	2.40	3.4	2.3	2.4	6.8	29	0.1	0.3	0.7	52	0.39	0.104
1127580	Soil		0.6	15.5	8.9	48	<0.1	16.8	7.5	373	2.59	4.1	2.1	2.9	9.2	15	<0.1	0.4	0.2	44	0.26	0.089
1127582	Soil		0.8	23.4	8.9	57	<0.1	23.8	8.8	316	2.63	8.0	0.7	4.9	3.2	18	0.1	0.6	0.2	54	0.24	0.069
1126350	Soil		0.7	18.7	6.4	62	<0.1	33.6	15.2	509	3.39	2.9	2.3	1.9	6.0	22	<0.1	0.2	2.2	73	0.44	0.124
1127581	Soil		0.6	18.9	7.5	60	<0.1	19.5	9.9	403	2.70	4.7	1.3	2.7	4.9	17	0.2	0.4	0.8	57	0.25	0.073
1127578	Soil		0.6	15.4	7.4	49	<0.1	15.6	7.8	370	2.54	5.5	0.7	2.1	3.0	14	0.2	0.5	0.2	50	0.22	0.077
1127583	Soil		0.5	17.8	5.6	59	<0.1	25.1	11.7	461	2.88	3.8	2.7	1.7	6.8	22	0.1	0.4	0.2	58	0.37	0.110
1127584	Soil		0.7	17.9	5.9	67	<0.1	18.7	9.9	465	2.79	4.3	3.3	1.8	8.2	19	0.2	0.3	0.3	51	0.33	0.110
1127586	Soil		1.1	19.0	12.1	51	<0.1	16.7	7.8	391	2.78	7.1	2.4	2.4	2.1	11	0.3	0.7	0.6	57	0.11	0.080
1126346	Soil		0.4	14.6	12.1	55	<0.1	14.8	8.4	382	2.22	2.9	2.5	2.7	6.0	22	0.2	0.2	0.5	46	0.37	0.103
1126348	Soil		0.5	17.6	7.1	49	<0.1	18.5	8.0	340	2.55	5.5	1.9	2.2	5.3	16	0.1	0.4	0.3	52	0.24	0.077
1127587	Soil		0.6	17.8	7.6	52	<0.1	18.6	7.9	364	2.57	5.6	1.9	7.8	7.6	15	0.1	0.4	0.2	49	0.23	0.072
1127579	Soil		0.5	18.9	6.2	52	<0.1	20.4	10.6	404	2.85	4.7	1.1	2.5	4.8	19	<0.1	0.4	0.6	60	0.32	0.102
1127585	Soil		0.6	18.4	6.3	51	<0.1	20.5	8.3	371	2.22	5.4	1.4	3.1	6.5	16	0.2	0.4	0.2	46	0.27	0.084
1126343	Soil		0.4	14.2	14.6	58	<0.1	11.7	6.1	383	2.18	3.4	1.7	1.5	7.1	17	0.2	0.2	4.8	32	0.22	0.072
1126337	Soil		0.9	17.1	8.5	53	<0.1	16.3	7.5	437	2.48	6.6	4.4	3.1	5.4	14	<0.1	0.6	0.3	49	0.13	0.033
1126338	Soil		1.4	18.1	7.3	62	<0.1	19.0	10.1	458	3.02	5.8	3.4	1.7	6.7	15	0.1	0.5	1.3	58	0.16	0.042
1126341	Soil		0.8	20.4	8.8	51	<0.1	19.2	10.5	397	2.86	4.3	3.4	1.5	2.1	12	<0.1	0.5	0.4	71	0.18	0.060
1126336	Soil		1.1	16.3	8.2	44	<0.1	15.6	6.3	335	2.32	5.5	1.4	2.9	2.2	12	<0.1	0.5	0.5	53	0.14	0.046
1126339	Soil		0.7	28.0	6.9	51	<0.1	33.6	14.3	441	2.78	5.2	3.0	2.1	3.8	15	<0.1	0.4	0.8	61	0.27	0.074
1126342	Soil		0.6	28.0	9.2	64	<0.1	24.8	12.9	516	2.74	4.2	7.1	1.6	5.4	21	0.2	0.3	0.5	60	0.36	0.104
1126340	Soil		0.6	21.8	5.1	69	<0.1	16.5	16.5	587	3.83	2.5	2.8	2.3	5.6	17	<0.1	0.2	0.4	65	0.67	0.240
1126345	Soil		0.5	25.4	9.1	63	<0.1	26.6	12.5	427	2.62	5.7	1.0	1.7	3.3	20	<0.1	0.5	0.3	59	0.29	0.071
1126347	Soil		0.6	20.1	6.6	53	<0.1	19.9	9.1	385	2.57	5.4	1.4	2.7	5.7	18	0.1	0.4	0.3	56	0.28	0.075

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

Project: ECH
Report Date: August 19, 2011

CERTIFICATE OF ANALYSIS DAW11000111.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1127665	Soil	8	24	0.28	84	0.050	1	1.59	0.011	0.05	0.1	0.06	1.5	0.1	<0.05	5	0.5	<0.2
1127670	Soil	11	22	0.36	125	0.061	1	1.35	0.012	0.05	0.2	0.02	2.3	<0.1	<0.05	4	0.5	<0.2
1127666	Soil	12	26	0.38	95	0.068	<1	1.99	0.011	0.06	0.2	0.05	2.4	0.1	<0.05	5	0.6	<0.2
1127669	Soil	9	18	0.28	75	0.033	1	1.49	0.008	0.04	0.1	0.04	1.4	0.1	<0.05	5	<0.5	<0.2
1127667	Soil	8	19	0.30	80	0.053	1	1.51	0.013	0.05	0.1	0.03	1.5	<0.1	<0.05	5	<0.5	<0.2
1126349	Soil	11	26	0.57	85	0.099	2	1.67	0.012	0.12	0.2	0.03	2.3	0.2	<0.05	5	<0.5	<0.2
1127577	Soil	30	34	0.68	125	0.135	2	1.53	0.014	0.32	0.1	0.01	3.8	0.3	<0.05	6	<0.5	<0.2
1127580	Soil	36	22	0.55	102	0.093	2	1.87	0.009	0.26	0.1	0.01	2.8	0.3	<0.05	7	<0.5	<0.2
1127582	Soil	10	29	0.60	91	0.076	2	2.04	0.012	0.07	0.2	0.06	3.0	0.1	<0.05	5	<0.5	<0.2
1126350	Soil	17	64	1.15	211	0.194	<1	2.28	0.017	0.64	0.4	<0.01	4.1	0.5	<0.05	9	<0.5	<0.2
1127581	Soil	16	29	0.74	106	0.124	2	1.91	0.012	0.25	0.2	0.03	3.2	0.3	<0.05	6	<0.5	<0.2
1127578	Soil	10	24	0.49	75	0.096	<1	1.59	0.010	0.13	0.2	0.04	2.3	0.2	0.06	6	<0.5	<0.2
1127583	Soil	25	34	0.70	115	0.131	1	1.65	0.018	0.28	0.2	0.01	3.6	0.3	<0.05	6	<0.5	<0.2
1127584	Soil	41	25	0.61	144	0.136	<1	1.71	0.012	0.33	0.2	0.02	3.1	0.4	<0.05	7	<0.5	<0.2
1127586	Soil	23	25	0.40	90	0.062	2	1.70	0.009	0.14	0.1	0.04	1.8	0.2	0.08	8	0.6	<0.2
1126346	Soil	18	24	0.61	127	0.112	1	1.62	0.013	0.24	0.3	0.01	3.0	0.2	<0.05	6	<0.5	<0.2
1126348	Soil	17	30	0.61	81	0.102	<1	1.78	0.010	0.18	0.2	0.03	3.0	0.2	<0.05	6	<0.5	<0.2
1127587	Soil	28	24	0.49	82	0.106	2	1.68	0.011	0.18	0.1	0.04	2.6	0.2	<0.05	6	<0.5	<0.2
1127579	Soil	16	32	0.72	117	0.142	1	1.99	0.013	0.28	0.3	0.02	3.0	0.4	<0.05	7	<0.5	<0.2
1127585	Soil	16	22	0.46	101	0.095	<1	1.48	0.013	0.13	0.2	0.03	2.4	0.2	<0.05	5	<0.5	<0.2
1126343	Soil	18	18	0.53	86	0.067	<1	2.09	0.007	0.27	0.1	<0.01	2.0	0.4	<0.05	7	<0.5	<0.2
1126337	Soil	20	24	0.50	105	0.078	2	1.65	0.010	0.10	0.1	0.04	2.5	0.2	<0.05	6	<0.5	<0.2
1126338	Soil	28	29	0.73	150	0.126	1	2.07	0.011	0.26	0.2	0.04	3.6	0.3	<0.05	8	<0.5	<0.2
1126341	Soil	18	47	0.65	107	0.111	1	1.93	0.013	0.20	0.2	0.04	2.7	0.3	<0.05	8	<0.5	<0.2
1126336	Soil	12	25	0.45	65	0.073	1	1.52	0.010	0.06	0.2	0.06	1.8	0.2	<0.05	6	0.7	<0.2
1126339	Soil	12	36	0.89	126	0.122	<1	1.82	0.016	0.20	0.2	0.02	3.2	0.3	<0.05	6	<0.5	<0.2
1126342	Soil	23	39	0.87	163	0.150	1	2.02	0.018	0.34	0.2	<0.01	3.6	0.4	<0.05	7	<0.5	<0.2
1126340	Soil	20	31	0.94	275	0.183	<1	1.95	0.022	0.55	0.2	0.03	3.8	0.3	<0.05	9	<0.5	<0.2
1126345	Soil	11	41	0.78	116	0.123	1	2.00	0.018	0.18	0.2	0.01	2.9	0.3	<0.05	6	<0.5	<0.2
1126347	Soil	15	29	0.63	104	0.122	1	1.71	0.014	0.19	0.2	0.02	2.7	0.2	<0.05	6	<0.5	<0.2

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Project: ECH
Report Date: August 19, 2011

CERTIFICATE OF ANALYSIS DAW11000111.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1126344	Soil		0.8	16.1	12.2	64	<0.1	19.6	8.3	397	2.67	6.2	1.9	3.5	2.7	15	<0.1	0.5	3.3	57	0.21	0.071
1127588	Soil		0.7	20.5	7.1	55	<0.1	19.8	8.4	372	2.45	6.6	1.1	2.1	6.1	16	<0.1	0.5	0.2	51	0.23	0.063
1127589	Soil		0.5	17.3	6.8	51	<0.1	19.6	8.5	372	2.27	5.0	1.3	4.2	6.8	18	<0.1	0.4	0.3	46	0.29	0.080
1127591	Soil		0.7	19.2	7.7	50	<0.1	14.1	6.2	238	2.28	7.8	1.1	1.6	1.8	12	<0.1	0.6	0.3	49	0.12	0.048
1127590	Soil		0.6	20.5	7.0	52	<0.1	19.5	8.6	361	2.40	5.6	1.6	2.6	5.2	17	<0.1	0.5	0.3	49	0.24	0.075
1127594	Soil		0.4	18.9	9.0	65	<0.1	22.4	10.3	405	2.80	4.6	1.4	2.2	7.8	22	0.1	0.3	0.4	54	0.33	0.086
1127593	Soil		0.6	15.0	12.6	53	<0.1	13.3	8.6	593	2.72	5.3	4.4	1.9	14.1	21	0.1	0.3	0.4	34	0.35	0.110
1127592	Soil		0.6	14.1	12.3	51	<0.1	13.8	8.0	577	2.66	4.9	4.0	1.7	13.0	20	0.2	0.3	0.4	32	0.34	0.104
1127050	Soil		1.2	16.3	10.4	46	<0.1	12.7	9.9	624	2.52	4.8	1.0	3.1	3.6	14	0.1	0.5	0.3	67	0.13	0.039
1127052	Soil		0.9	25.0	8.7	60	<0.1	24.9	12.5	517	2.98	5.0	2.4	1.5	5.0	25	0.2	0.4	0.2	65	0.32	0.059
1127049	Soil		0.7	19.2	8.1	34	<0.1	10.5	5.9	192	1.79	3.0	1.9	1.7	2.0	16	<0.1	0.3	0.3	53	0.17	0.053
1127051	Soil		0.6	18.0	8.8	50	<0.1	23.3	10.9	330	2.80	4.5	1.9	2.7	5.2	21	0.1	0.3	0.3	65	0.30	0.070
1127046	Soil		0.8	23.1	11.1	64	<0.1	27.4	13.2	489	3.19	6.1	2.1	1.6	6.1	22	0.2	0.4	0.3	65	0.29	0.073
1127044	Soil		0.9	19.5	11.6	68	<0.1	22.2	12.2	536	3.13	5.3	2.2	2.9	5.6	23	0.2	0.4	0.3	65	0.28	0.071
1127048	Soil		0.6	25.7	10.1	63	<0.1	22.3	14.3	401	2.88	4.3	0.9	1.8	4.5	22	0.2	0.3	0.3	70	0.35	0.066
1127043	Soil		0.9	19.6	11.6	71	<0.1	27.8	14.7	548	3.65	4.3	2.4	2.1	10.6	20	0.2	0.3	0.3	65	0.32	0.095
1127045	Soil		0.7	19.7	12.2	61	<0.1	29.6	13.5	419	3.46	4.5	2.5	2.0	5.0	15	<0.1	0.3	0.2	74	0.21	0.063
1127047	Soil		0.8	23.6	10.7	60	<0.1	23.4	12.8	531	3.29	5.5	2.0	3.6	6.8	23	<0.1	0.4	0.3	67	0.34	0.079
1115688	Soil		0.7	15.5	15.2	50	<0.1	20.9	7.6	220	2.17	5.8	1.2	5.1	4.4	14	0.1	0.5	0.9	50	0.14	0.025
1115689	Soil		0.5	16.5	15.3	51	<0.1	20.5	7.8	217	2.18	5.7	1.4	6.7	4.6	15	<0.1	0.5	0.9	50	0.15	0.022
1114409	Soil		0.5	12.3	15.2	44	<0.1	15.4	7.6	268	2.13	4.0	1.7	4.7	6.2	13	<0.1	0.3	0.7	43	0.13	0.025
1115690	Soil		0.6	12.0	21.1	43	<0.1	16.3	9.2	544	2.36	5.5	1.6	6.0	4.5	12	<0.1	0.4	1.7	46	0.11	0.027
1114235	Soil		0.3	18.2	16.7	55	<0.1	20.7	8.2	260	2.19	3.5	2.8	6.1	10.9	24	0.1	0.4	0.8	46	0.33	0.078
1114410	Soil		1.0	15.3	15.8	29	<0.1	10.9	5.1	176	2.37	6.1	1.5	4.6	3.8	11	<0.1	0.5	0.7	63	0.08	0.022
1127057	Soil		1.0	16.0	19.4	57	<0.1	17.3	7.5	350	2.56	5.1	1.8	6.1	3.2	16	0.1	0.3	1.6	49	0.15	0.057
1127054	Soil		0.9	14.9	14.9	54	<0.1	18.7	10.6	446	2.93	3.5	1.6	4.3	4.9	21	<0.1	0.2	2.1	53	0.25	0.048
1127053	Soil		0.6	20.4	10.7	56	<0.1	24.2	13.2	656	2.83	5.3	1.5	8.2	6.8	21	<0.1	0.4	0.2	58	0.28	0.064
1127056	Soil		0.9	14.8	17.2	45	<0.1	16.1	7.7	372	2.60	5.4	2.0	7.2	3.2	16	<0.1	0.4	1.9	52	0.17	0.058
1114302	Soil		1.0	14.1	22.3	58	<0.1	17.7	8.0	404	2.87	5.2	2.5	5.2	5.1	18	<0.1	0.3	1.6	47	0.26	0.066
1127055	Soil		1.0	13.5	15.6	52	<0.1	18.8	7.4	315	2.63	4.5	1.9	33.9	4.1	15	<0.1	0.3	2.7	57	0.17	0.058

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1126344	Soil	12	30	0.56	86	0.082	<1	2.03	0.010	0.11	0.2	0.02	2.5	0.3	<0.05	7	<0.5	<0.2
1127588	Soil	18	25	0.54	78	0.097	1	1.62	0.012	0.12	0.1	0.04	2.6	0.1	<0.05	5	<0.5	<0.2
1127589	Soil	25	22	0.50	98	0.096	<1	1.69	0.013	0.15	0.2	0.02	2.3	0.2	<0.05	5	<0.5	<0.2
1127591	Soil	12	22	0.39	75	0.065	<1	1.54	0.010	0.07	0.1	0.03	1.6	0.1	<0.05	6	0.6	<0.2
1127590	Soil	20	25	0.48	90	0.088	1	1.60	0.012	0.10	0.2	0.03	2.4	0.2	<0.05	5	<0.5	<0.2
1127594	Soil	24	38	0.78	146	0.131	1	1.85	0.014	0.26	0.2	0.02	2.8	0.3	<0.05	7	<0.5	<0.2
1127593	Soil	42	17	0.33	117	0.060	<1	1.05	0.011	0.13	0.1	0.01	2.8	0.2	<0.05	4	<0.5	<0.2
1127592	Soil	39	16	0.31	113	0.055	<1	0.95	0.010	0.12	0.1	<0.01	2.5	0.2	<0.05	4	<0.5	<0.2
1127050	Soil	14	24	0.45	87	0.132	1	1.37	0.013	0.14	0.2	0.04	2.0	0.2	<0.05	8	<0.5	<0.2
1127052	Soil	31	41	0.80	202	0.111	2	1.91	0.018	0.23	0.2	0.03	3.9	0.3	<0.05	7	<0.5	<0.2
1127049	Soil	25	21	0.46	125	0.074	<1	1.38	0.019	0.12	0.2	0.05	1.8	0.2	0.06	6	<0.5	<0.2
1127051	Soil	22	43	0.77	137	0.134	2	1.78	0.016	0.23	0.3	0.05	3.9	0.3	<0.05	6	1.5	<0.2
1127046	Soil	19	43	0.85	145	0.145	2	2.08	0.016	0.30	0.2	0.04	3.5	0.3	<0.05	8	1.2	<0.2
1127044	Soil	23	38	0.69	142	0.119	2	1.81	0.017	0.26	0.4	0.05	3.4	0.3	<0.05	7	0.6	<0.2
1127048	Soil	12	35	0.94	151	0.178	1	1.79	0.020	0.32	0.3	0.03	3.2	0.3	<0.05	7	<0.5	<0.2
1127043	Soil	31	49	0.85	163	0.144	1	1.99	0.017	0.43	0.5	0.03	4.3	0.4	<0.05	7	<0.5	<0.2
1127045	Soil	15	56	0.94	133	0.175	<1	2.15	0.014	0.47	0.4	0.03	4.0	0.4	<0.05	9	<0.5	<0.2
1127047	Soil	21	34	0.81	160	0.132	1	1.94	0.015	0.28	0.3	0.03	3.9	0.3	<0.05	8	<0.5	<0.2
1115688	Soil	10	29	0.49	96	0.075	<1	1.95	0.010	0.06	0.1	0.04	2.4	<0.1	<0.05	5	<0.5	<0.2
1115689	Soil	10	29	0.48	98	0.079	<1	1.94	0.010	0.06	0.1	0.05	2.6	<0.1	<0.05	5	<0.5	<0.2
1114409	Soil	13	24	0.39	82	0.057	1	1.83	0.009	0.07	0.1	0.05	2.2	0.1	<0.05	5	<0.5	<0.2
1115690	Soil	10	27	0.39	79	0.056	<1	1.90	0.009	0.06	0.1	0.04	2.5	0.1	<0.05	5	<0.5	<0.2
1114235	Soil	20	29	0.51	191	0.083	<1	1.36	0.013	0.09	0.2	0.04	3.9	0.1	<0.05	5	<0.5	<0.2
1114410	Soil	15	25	0.24	65	0.065	<1	1.70	0.008	0.04	<0.1	0.05	2.9	<0.1	<0.05	8	<0.5	<0.2
1127057	Soil	15	26	0.39	120	0.048	<1	1.36	0.012	0.07	0.1	0.03	2.3	0.1	<0.05	6	<0.5	<0.2
1127054	Soil	15	30	0.50	119	0.076	<1	1.17	0.012	0.13	0.2	0.04	3.4	0.1	<0.05	6	<0.5	<0.2
1127053	Soil	18	39	0.70	133	0.125	<1	1.79	0.016	0.21	0.3	0.04	3.3	0.2	<0.05	6	<0.5	<0.2
1127056	Soil	16	29	0.41	103	0.055	<1	1.48	0.010	0.08	0.2	0.08	2.5	<0.1	<0.05	6	<0.5	<0.2
1114302	Soil	20	27	0.44	141	0.037	<1	1.30	0.010	0.08	0.1	0.04	2.9	0.1	<0.05	5	<0.5	<0.2
1127055	Soil	15	31	0.42	87	0.075	<1	1.26	0.011	0.09	0.2	0.23	2.9	0.1	<0.05	6	<0.5	0.5

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600 - 666 Burrard St.
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Project: ECH
Report Date: August 19, 2011

CERTIFICATE OF ANALYSIS DAW11000111.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1114234	Soil	0.4	15.1	17.3	45	<0.1	17.1	7.6	261	2.25	5.3	1.3	11.9	4.6	18	<0.1	0.3	0.8	45	0.19	0.041
1127040	Soil	0.6	21.9	7.8	64	<0.1	17.6	12.4	586	3.35	4.6	1.9	14.6	8.0	27	<0.1	0.4	0.8	63	0.48	0.151
1127041	Soil	0.5	21.8	10.6	62	<0.1	21.7	11.0	455	3.13	5.2	2.1	13.2	7.8	17	<0.1	0.3	0.4	59	0.25	0.083
1127039	Soil	0.8	18.0	11.7	58	<0.1	19.1	10.5	459	3.07	5.1	2.7	7.9	7.1	15	<0.1	0.3	1.0	58	0.22	0.088
1127042	Soil	0.4	23.0	9.9	64	<0.1	32.0	14.3	480	3.15	4.5	1.4	14.5	7.0	24	<0.1	0.3	0.2	67	0.37	0.071
1127038	Soil	0.7	19.9	15.7	77	<0.1	19.9	11.3	832	2.93	3.7	3.4	12.8	11.8	17	<0.1	0.3	4.3	52	0.30	0.104
1127037	Soil	1.2	23.7	14.8	88	<0.1	27.6	16.2	849	4.47	5.4	6.0	17.2	16.8	18	<0.1	0.3	1.0	70	0.27	0.098
1127036	Soil	0.8	17.4	11.3	60	<0.1	18.8	8.1	372	2.77	6.5	1.4	23.1	3.7	16	<0.1	0.5	1.1	56	0.18	0.066
1127035	Soil	0.8	26.5	12.0	68	<0.1	27.8	12.4	523	3.44	4.8	3.7	4.5	10.8	17	<0.1	0.3	0.8	62	0.27	0.081
1127034	Soil	0.5	25.7	10.8	65	<0.1	23.9	10.0	403	2.74	7.6	2.7	5.0	7.0	18	<0.1	0.4	0.7	56	0.23	0.077
1127033	Soil	0.4	19.0	8.7	53	<0.1	20.2	8.4	353	2.45	5.7	1.6	8.6	8.4	19	<0.1	0.3	1.1	47	0.26	0.077
1127015	Soil	0.8	16.7	11.9	70	<0.1	21.6	9.7	409	2.64	6.8	1.1	4.7	3.0	16	<0.1	0.4	0.2	62	0.18	0.051
1127016	Soil	1.2	23.5	9.3	72	<0.1	18.8	13.0	736	2.92	5.0	1.9	4.8	3.6	18	<0.1	0.3	0.2	63	0.22	0.093
1127017	Soil	1.3	15.0	10.5	60	<0.1	13.1	6.8	394	2.62	5.1	0.9	5.7	1.2	14	<0.1	0.5	0.2	63	0.12	0.052
1127027	Soil	0.5	11.5	8.4	56	<0.1	17.5	8.9	324	2.68	4.3	1.0	13.1	6.9	16	<0.1	0.3	0.1	56	0.18	0.047
1127028	Soil	0.1	17.1	10.0	47	<0.1	15.1	7.4	192	2.30	3.5	3.6	16.6	15.2	16	<0.1	0.3	0.3	50	0.19	0.059
1127021	Soil	0.8	15.0	9.3	58	<0.1	15.0	8.0	348	2.41	6.2	1.0	22.0	2.6	14	<0.1	0.4	0.2	48	0.14	0.056
1127019	Soil	1.3	11.0	4.3	27	0.1	5.8	2.7	109	1.12	2.1	0.7	3.4	0.4	11	0.1	0.3	0.2	31	0.10	0.082
1127008	Soil	0.7	28.5	11.4	93	<0.1	24.5	12.0	489	2.72	5.9	1.3	4.3	6.5	18	0.3	0.4	1.3	63	0.41	0.146
1127029	Soil	0.6	13.2	7.5	41	0.2	12.9	5.7	142	1.90	3.4	2.1	2.2	4.9	18	0.1	0.3	0.2	39	0.20	0.084
1127031	Soil	0.9	11.8	10.5	56	<0.1	16.9	10.0	420	3.03	8.3	1.1	3.0	8.8	13	0.2	0.4	0.3	67	0.16	0.045
1127018	Soil	0.8	22.8	8.7	60	<0.1	26.6	14.9	439	2.86	9.2	1.0	6.9	4.2	15	0.4	0.5	0.2	58	0.18	0.050
1127022	Soil	1.9	13.2	9.2	39	<0.1	15.8	6.6	213	2.67	4.8	1.5	2.0	2.5	11	0.2	0.3	0.2	63	0.13	0.085
1127009	Soil	0.9	32.3	9.2	78	<0.1	25.9	16.0	632	3.50	6.9	1.7	1.8	6.2	17	0.3	0.4	0.2	78	0.28	0.090
1127030	Soil	0.8	11.1	8.0	48	<0.1	14.2	7.5	276	2.54	5.1	1.2	1.6	8.0	13	0.1	0.3	0.2	58	0.18	0.053
1127020	Soil	1.9	14.8	7.4	56	<0.1	17.6	10.2	359	2.99	4.3	1.4	3.8	5.6	12	0.2	0.2	0.2	63	0.15	0.060
1127025	Soil	0.5	11.8	7.2	52	<0.1	17.4	8.8	241	2.47	3.7	1.3	3.1	5.7	17	<0.1	0.2	0.2	55	0.23	0.061
1127026	Soil	0.7	11.7	7.7	54	<0.1	18.2	10.0	318	2.57	3.6	1.3	5.2	5.5	16	0.1	0.3	0.2	58	0.21	0.061
1127023	Soil	1.1	12.7	9.0	47	0.1	15.9	7.9	241	2.25	4.6	2.2	2.4	4.0	22	0.1	0.3	0.3	50	0.29	0.068
1127024	Soil	0.7	13.5	9.1	50	<0.1	15.0	6.7	171	2.11	4.5	1.6	2.1	6.6	16	0.1	0.3	0.2	49	0.22	0.063

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1114234	Soil	10	27	0.50	104	0.068	<1	1.80	0.011	0.08	0.1	0.07	2.6	<0.1	<0.05	5	<0.5	<0.2
1127040	Soil	30	25	0.66	162	0.125	<1	1.65	0.015	0.34	0.3	0.07	4.9	0.3	<0.05	7	<0.5	<0.2
1127041	Soil	32	31	0.69	120	0.123	<1	1.98	0.013	0.28	0.2	0.08	3.3	0.3	<0.05	7	<0.5	<0.2
1127039	Soil	29	35	0.63	107	0.115	<1	1.86	0.012	0.27	0.7	0.08	3.1	0.3	<0.05	7	<0.5	<0.2
1127042	Soil	22	54	0.99	171	0.178	<1	2.14	0.026	0.34	0.2	0.07	3.4	0.4	<0.05	8	<0.5	<0.2
1127038	Soil	44	31	0.69	181	0.128	<1	1.95	0.013	0.39	1.3	0.08	4.0	0.5	<0.05	7	<0.5	<0.2
1127037	Soil	63	38	0.73	177	0.126	<1	2.23	0.012	0.48	0.6	0.11	6.2	0.6	<0.05	9	<0.5	0.2
1127036	Soil	15	27	0.50	88	0.095	<1	1.51	0.012	0.12	0.6	0.12	2.3	0.2	<0.05	6	<0.5	0.2
1127035	Soil	42	46	0.78	134	0.152	<1	2.03	0.014	0.32	1.4	0.02	4.2	0.4	<0.05	8	<0.5	<0.2
1127034	Soil	30	27	0.56	128	0.104	<1	1.87	0.014	0.13	1.3	0.03	3.0	0.2	<0.05	6	<0.5	<0.2
1127033	Soil	22	24	0.52	87	0.106	<1	1.53	0.013	0.15	3.3	<0.01	2.4	0.1	<0.05	5	<0.5	<0.2
1127015	Soil	15	34	0.58	97	0.104	<1	1.53	0.013	0.12	2.1	0.06	2.3	0.2	<0.05	6	<0.5	<0.2
1127016	Soil	22	33	0.71	98	0.130	<1	1.68	0.021	0.26	0.3	0.11	2.3	0.3	0.07	7	<0.5	<0.2
1127017	Soil	9	24	0.41	99	0.098	<1	1.23	0.012	0.10	0.2	0.06	1.4	0.1	0.05	8	<0.5	<0.2
1127027	Soil	16	33	0.73	125	0.139	<1	1.61	0.011	0.25	0.4	0.08	2.8	0.2	<0.05	7	<0.5	<0.2
1127028	Soil	45	30	0.65	154	0.104	<1	1.66	0.013	0.18	0.3	0.08	4.1	0.2	<0.05	6	<0.5	<0.2
1127021	Soil	11	25	0.43	79	0.069	<1	1.54	0.011	0.08	0.1	0.13	1.8	<0.1	0.05	5	<0.5	0.2
1127019	Soil	8	13	0.14	60	0.034	1	0.54	0.016	0.08	0.2	0.11	0.7	<0.1	0.08	3	<0.5	<0.2
1127008	Soil	18	32	0.70	121	0.126	1	1.82	0.016	0.21	1.9	0.04	3.2	0.2	<0.05	6	<0.5	<0.2
1127029	Soil	28	27	0.53	157	0.067	<1	1.37	0.013	0.15	0.2	0.06	2.6	0.1	0.09	5	<0.5	<0.2
1127031	Soil	19	32	0.65	110	0.113	1	1.81	0.010	0.15	0.4	0.05	2.9	0.2	<0.05	8	<0.5	<0.2
1127018	Soil	12	31	0.62	107	0.095	2	2.29	0.013	0.08	0.2	0.07	3.0	0.1	<0.05	5	<0.5	<0.2
1127022	Soil	11	33	0.44	101	0.101	<1	1.24	0.014	0.12	0.3	0.10	2.1	0.1	0.10	7	<0.5	<0.2
1127009	Soil	22	38	0.86	163	0.158	2	2.24	0.016	0.27	1.5	0.06	3.5	0.3	<0.05	8	<0.5	<0.2
1127030	Soil	23	27	0.59	109	0.102	2	1.62	0.011	0.12	0.4	0.03	2.7	0.1	<0.05	7	<0.5	<0.2
1127020	Soil	14	31	0.63	92	0.148	1	1.46	0.011	0.20	0.9	0.04	2.6	0.2	<0.05	6	<0.5	<0.2
1127025	Soil	17	34	0.71	135	0.114	<1	1.59	0.014	0.24	0.3	0.02	3.0	0.2	<0.05	6	<0.5	<0.2
1127026	Soil	18	38	0.82	162	0.134	2	1.84	0.013	0.26	0.3	0.04	3.4	0.2	<0.05	7	<0.5	<0.2
1127023	Soil	25	30	0.54	206	0.086	2	1.51	0.014	0.12	0.2	0.07	3.1	0.1	0.08	6	<0.5	<0.2
1127024	Soil	18	31	0.55	124	0.103	1	1.48	0.011	0.15	0.4	0.04	2.9	0.1	<0.05	6	<0.5	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1127005	Soil	0.8	27.6	9.5	85	<0.1	33.5	17.4	670	3.93	6.4	2.2	2.3	10.0	26	0.2	0.4	0.2	86	0.43	0.111
1127007	Soil	0.8	19.5	6.7	38	<0.1	10.7	4.6	194	1.69	3.6	1.3	2.4	1.4	21	0.2	0.3	0.2	36	0.23	0.077
1127014	Soil	0.8	24.7	7.1	74	<0.1	25.3	13.4	443	3.03	5.1	1.1	1.5	5.7	19	0.2	0.3	0.1	65	0.38	0.096
1127004	Soil	0.5	19.4	7.0	58	<0.1	24.1	12.9	447	2.80	3.3	1.6	1.2	8.2	22	0.2	0.3	<0.1	63	0.47	0.108
1127012	Soil	1.1	29.7	9.2	73	<0.1	27.6	15.8	571	3.54	6.5	2.1	1.9	6.5	21	0.2	0.5	0.2	74	0.31	0.091
1127010	Soil	0.8	26.0	8.6	72	<0.1	23.0	12.9	556	3.09	5.5	1.7	2.7	7.8	18	0.2	0.4	0.1	65	0.36	0.109
1127011	Soil	1.5	25.7	10.8	66	0.1	20.7	13.0	722	3.24	5.8	2.0	7.3	3.0	28	0.1	0.4	0.2	81	0.34	0.113
1127013	Soil	1.0	27.8	8.6	73	<0.1	23.1	13.0	598	3.05	6.8	2.3	2.6	7.9	19	0.2	0.5	0.1	68	0.30	0.103
1127003	Soil	1.0	22.1	13.0	74	<0.1	30.3	14.0	532	3.18	6.2	1.5	4.6	7.4	21	0.2	0.4	0.3	71	0.41	0.100
1127002	Soil	0.7	28.7	11.0	57	0.1	27.9	11.7	264	2.96	5.3	2.6	2.4	8.0	23	0.2	0.4	0.2	73	0.41	0.093
1127006	Soil	1.2	30.3	10.8	70	<0.1	28.4	17.0	992	3.78	6.6	3.0	1.7	7.4	23	0.1	0.5	0.2	76	0.28	0.077
1127001	Soil	0.6	18.4	7.3	55	<0.1	20.2	9.4	353	2.43	4.2	1.4	3.8	8.3	19	0.2	0.3	<0.1	53	0.36	0.108
1127089	Soil	1.7	17.2	11.8	71	<0.1	18.1	8.7	381	3.66	10.9	2.6	2.6	25.6	15	0.2	0.5	0.6	75	0.17	0.022
1127088	Soil	1.5	15.3	9.4	67	<0.1	14.0	7.8	388	2.61	6.4	2.2	1.6	19.3	14	0.1	0.4	0.6	54	0.16	0.030
1127090	Soil	2.0	14.6	11.5	70	<0.1	15.1	8.1	433	3.56	10.1	2.5	2.1	21.9	14	0.1	0.4	0.5	75	0.14	0.022
1127087	Soil	1.3	16.2	9.0	66	<0.1	15.2	7.8	382	2.57	6.3	2.3	1.4	19.7	14	0.1	0.4	0.4	54	0.17	0.030
1127081	Soil	1.2	13.5	9.8	65	<0.1	15.1	7.2	175	2.85	6.1	2.6	3.7	20.7	17	0.1	0.3	0.5	50	0.22	0.050
1127084	Soil	1.4	15.4	10.4	73	<0.1	18.4	8.7	279	3.03	6.9	3.6	2.3	21.5	16	0.1	0.4	0.4	56	0.19	0.042
1127082	Soil	1.1	12.5	10.1	59	0.1	14.8	6.1	146	2.59	6.2	2.6	6.2	10.7	17	0.2	0.4	0.4	52	0.20	0.049
1127083	Soil	1.3	11.6	10.5	70	<0.1	14.2	6.6	211	2.69	5.5	2.7	1.5	18.5	16	0.1	0.3	0.4	50	0.20	0.042
1127079	Soil	1.3	17.5	10.6	68	0.1	16.5	8.2	174	2.74	7.2	3.7	4.9	24.3	17	0.2	0.4	0.4	55	0.23	0.057
1127086	Soil	1.7	19.6	10.4	69	<0.1	18.6	9.3	429	3.21	9.1	2.8	1.9	13.2	15	0.2	0.5	0.3	62	0.17	0.041
1127080	Soil	1.2	11.4	9.3	53	0.1	13.5	5.3	141	2.14	4.4	2.8	1.8	14.6	18	0.1	0.3	0.4	46	0.21	0.049
1127078	Soil	1.5	15.9	11.7	68	0.1	16.4	7.1	185	2.69	5.3	6.0	1.7	31.7	17	0.2	0.5	0.7	50	0.19	0.052
1127085	Soil	1.3	16.8	10.3	69	<0.1	16.9	7.4	228	2.74	5.7	4.2	2.8	14.3	14	<0.1	0.4	0.4	51	0.16	0.042
1127059	Soil	0.7	24.9	5.9	67	<0.1	25.2	15.4	420	3.24	4.6	1.2	1.7	8.7	18	0.1	0.3	0.2	74	0.38	0.097
1127060	Soil	0.7	18.5	7.0	73	<0.1	22.4	11.7	433	2.90	5.8	1.2	2.4	10.6	20	0.1	0.4	0.2	59	0.31	0.068
1127058	Soil	0.7	20.2	7.7	63	<0.1	23.9	8.7	293	2.60	5.0	2.1	2.6	13.6	26	0.1	0.4	0.3	55	0.32	0.053
1127070	Soil	1.3	15.0	10.6	54	<0.1	15.3	6.1	238	2.54	8.4	0.8	3.2	2.6	12	0.2	0.7	0.3	66	0.10	0.028
1127074	Soil	2.0	18.5	11.0	64	0.1	18.4	8.5	334	2.77	6.7	6.2	2.8	12.6	24	0.1	0.4	0.6	54	0.23	0.071

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

Project: ECH
Report Date: August 19, 2011

CERTIFICATE OF ANALYSIS DAW11000111.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1127005	Soil		37	59	1.21	275	0.212	1	2.73	0.023	0.45	0.2	0.02	5.0	0.5	<0.05	9	0.6	<0.2
1127007	Soil		36	19	0.24	107	0.059	1	1.16	0.024	0.10	0.2	0.16	1.8	0.2	0.12	5	1.0	<0.2
1127014	Soil		16	35	0.89	140	0.162	2	1.89	0.018	0.36	2.2	0.03	3.3	0.3	<0.05	6	<0.5	<0.2
1127004	Soil		25	46	0.85	144	0.161	<1	1.97	0.024	0.42	0.4	0.02	3.7	0.4	<0.05	7	<0.5	<0.2
1127012	Soil		25	39	0.92	192	0.163	1	2.15	0.018	0.32	2.2	0.05	3.4	0.3	0.06	8	<0.5	<0.2
1127010	Soil		19	33	0.80	139	0.149	1	1.90	0.017	0.37	6.4	0.04	3.7	0.3	<0.05	7	<0.5	<0.2
1127011	Soil		27	36	0.70	248	0.133	2	1.82	0.020	0.23	3.5	0.05	3.2	0.3	0.14	8	<0.5	<0.2
1127013	Soil		29	33	0.73	144	0.135	1	1.97	0.017	0.25	3.3	0.05	3.3	0.3	<0.05	7	<0.5	<0.2
1127003	Soil		26	50	0.90	211	0.135	1	2.42	0.023	0.29	0.3	0.03	4.2	0.3	<0.05	7	0.6	<0.2
1127002	Soil		29	53	0.85	177	0.142	1	2.29	0.017	0.32	0.3	0.05	4.9	0.3	<0.05	7	<0.5	<0.2
1127006	Soil		46	51	0.88	230	0.143	2	2.57	0.022	0.24	0.3	0.05	4.6	0.4	0.07	9	0.8	<0.2
1127001	Soil		21	32	0.55	99	0.128	2	1.50	0.015	0.19	0.2	0.02	3.4	0.2	<0.05	6	0.6	<0.2
1127089	Soil		33	36	0.54	141	0.114	2	2.26	0.009	0.11	0.3	0.01	3.9	0.2	<0.05	9	0.6	<0.2
1127088	Soil		28	29	0.44	105	0.102	1	1.64	0.009	0.12	0.3	0.01	3.1	0.2	<0.05	8	<0.5	<0.2
1127090	Soil		33	33	0.48	127	0.116	1	1.88	0.009	0.10	0.3	<0.01	3.5	0.2	<0.05	10	0.6	<0.2
1127087	Soil		28	29	0.46	113	0.106	1	1.62	0.010	0.12	0.3	<0.01	3.2	0.2	<0.05	8	<0.5	<0.2
1127081	Soil		39	26	0.48	166	0.084	1	1.66	0.012	0.11	0.2	0.02	3.4	0.2	<0.05	7	<0.5	<0.2
1127084	Soil		43	33	0.56	164	0.087	1	1.95	0.010	0.14	0.3	0.02	4.2	0.2	<0.05	8	<0.5	<0.2
1127082	Soil		33	28	0.46	142	0.065	1	1.73	0.010	0.08	0.2	0.04	3.0	0.2	0.06	7	<0.5	<0.2
1127083	Soil		40	27	0.44	142	0.079	<1	1.65	0.011	0.12	0.3	0.01	3.1	0.2	<0.05	7	<0.5	<0.2
1127079	Soil		45	30	0.53	203	0.078	2	1.87	0.012	0.08	0.3	0.04	4.4	0.2	<0.05	7	0.6	<0.2
1127086	Soil		30	32	0.47	138	0.080	1	1.80	0.011	0.10	0.2	0.02	2.9	0.2	<0.05	8	<0.5	<0.2
1127080	Soil		36	27	0.43	151	0.070	1	1.59	0.011	0.08	0.2	0.04	3.2	0.2	0.07	7	0.6	<0.2
1127078	Soil		65	26	0.49	185	0.063	2	1.70	0.009	0.08	0.3	0.04	4.3	0.2	<0.05	8	0.7	<0.2
1127085	Soil		39	30	0.55	123	0.078	2	1.85	0.009	0.12	0.3	0.03	3.4	0.2	<0.05	8	0.7	<0.2
1127059	Soil		18	32	0.92	103	0.176	1	2.02	0.016	0.45	0.3	0.02	3.4	0.6	<0.05	8	0.7	<0.2
1127060	Soil		20	35	0.73	94	0.130	1	1.72	0.014	0.23	0.3	0.04	2.6	0.3	<0.05	6	0.7	<0.2
1127058	Soil		34	43	0.70	157	0.124	1	1.69	0.014	0.20	0.2	0.01	4.3	0.3	<0.05	6	<0.5	<0.2
1127070	Soil		14	26	0.34	110	0.059	<1	1.91	0.008	0.04	0.2	0.04	2.1	0.1	<0.05	7	0.8	<0.2
1127074	Soil		103	28	0.48	223	0.067	2	1.83	0.014	0.08	0.2	0.06	3.5	0.2	<0.05	7	1.2	<0.2

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

Project: ECH
Report Date: August 19, 2011

CERTIFICATE OF ANALYSIS DAW11000111.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1127066	Soil		0.8	20.6	10.1	57	<0.1	20.3	9.7	346	2.72	11.9	1.4	2.7	8.8	15	0.3	0.5	0.2	58	0.13	0.031
1127063	Soil		0.5	17.9	5.8	71	<0.1	20.7	11.9	356	2.77	3.8	1.4	3.6	10.8	17	0.2	0.3	0.2	60	0.29	0.071
1127071	Soil		2.9	27.7	11.5	97	0.1	23.1	9.6	587	3.26	9.1	12.8	2.8	25.1	31	0.3	0.6	0.8	60	0.35	0.078
1127076	Soil		1.3	14.3	10.2	68	0.1	16.8	7.6	304	2.37	4.8	4.8	1.4	14.7	23	0.3	0.4	0.5	45	0.25	0.065
1127065	Soil		0.7	18.9	7.0	67	<0.1	20.7	9.6	339	2.66	5.2	2.4	3.8	18.9	22	0.2	0.4	0.3	55	0.32	0.067
1127061	Soil		0.8	17.6	8.0	69	<0.1	18.3	8.4	318	2.65	5.8	1.9	1.0	11.0	20	0.3	0.5	0.3	54	0.23	0.057
1127073	Soil		2.4	13.8	10.2	80	<0.1	17.8	9.6	473	2.98	7.0	2.8	4.0	26.4	20	0.2	0.4	0.7	52	0.24	0.049
1127069	Soil		1.0	14.5	6.5	62	<0.1	15.7	7.9	364	2.32	4.2	1.5	2.1	10.6	16	0.2	0.3	0.4	50	0.21	0.053
1127067	Soil		2.0	21.8	9.6	66	<0.1	19.1	9.0	261	2.99	4.2	7.7	2.7	20.1	19	0.1	0.4	0.4	55	0.25	0.057
1127064	Soil		0.7	18.8	6.1	65	<0.1	18.4	9.7	402	2.49	4.7	3.1	2.3	17.0	22	0.2	0.4	0.3	52	0.33	0.061
1127075	Soil		1.5	15.2	10.6	70	<0.1	17.3	8.1	343	2.65	6.1	3.7	1.3	18.0	24	0.2	0.3	0.5	51	0.28	0.054
1127068	Soil		1.4	22.1	7.4	62	<0.1	17.6	9.8	326	3.06	5.8	5.7	2.8	22.7	18	0.2	0.3	0.4	52	0.26	0.054
1127072	Soil		2.1	18.2	10.4	72	<0.1	18.7	9.2	439	2.95	6.9	<0.1	4.4	22.6	18	0.1	0.3	0.6	53	0.19	0.054
1127062	Soil		0.8	19.5	7.7	61	<0.1	21.4	11.1	360	2.95	6.1	1.3	5.5	16.2	15	<0.1	0.4	0.2	61	0.20	0.048
1115398	Soil		0.8	18.5	8.7	70	<0.1	19.7	9.3	535	2.40	4.4	8.4	0.5	20.8	19	0.2	0.4	0.4	49	0.31	0.076
1126248	Soil		0.6	14.4	6.3	51	<0.1	17.0	7.1	220	2.06	4.2	1.8	2.9	11.5	16	0.1	0.4	0.2	42	0.21	0.042
1127077	Soil		1.2	13.8	11.1	64	0.1	17.0	6.8	257	2.45	5.1	4.5	2.4	18.6	23	0.2	0.3	0.5	47	0.24	0.054
1115396	Soil		0.6	13.6	5.5	48	<0.1	17.4	7.1	338	1.92	4.1	1.6	2.6	15.2	15	0.1	0.3	0.2	39	0.23	0.063
1126230	Soil		0.5	18.9	7.8	52	<0.1	17.0	8.0	353	2.18	5.6	3.8	2.0	17.5	23	0.2	0.4	0.2	44	0.30	0.064
1126247	Soil		0.7	19.2	6.8	62	<0.1	31.6	11.2	412	2.47	3.6	4.5	0.6	10.4	21	0.2	0.3	0.3	56	0.31	0.055
1126285	Soil		0.7	19.4	6.2	75	<0.1	16.9	11.4	587	3.12	4.4	6.4	1.8	19.2	21	0.2	0.3	0.5	55	0.50	0.185
1126231	Soil		0.6	14.2	8.5	54	<0.1	17.4	6.9	308	2.03	4.5	2.6	1.6	13.8	15	0.1	0.4	0.3	42	0.20	0.050
1117245	Soil		0.9	20.0	11.5	66	<0.1	25.0	10.7	443	2.90	6.1	3.8	4.0	15.7	15	0.1	0.4	0.3	60	0.21	0.069
1115399	Soil		1.2	22.2	10.9	92	<0.1	25.5	13.4	731	3.42	5.5	8.9	2.6	31.2	21	0.2	0.4	0.4	64	0.34	0.100
1126234	Soil		0.5	16.9	8.8	56	<0.1	22.4	10.0	321	2.35	6.9	1.0	3.9	6.6	16	0.2	0.4	0.2	46	0.19	0.040
1115400	Soil		2.8	16.3	13.9	157	<0.1	72.0	29.8	1604	6.57	2.7	8.8	2.0	31.2	17	0.2	0.2	0.6	158	0.37	0.091
1117244	Soil		1.3	17.1	17.1	83	<0.1	18.9	10.3	556	3.06	5.1	<0.1	1.9	37.9	16	0.2	0.3	0.4	50	0.27	0.078
1115394	Soil		0.7	18.5	6.9	59	<0.1	27.7	11.3	453	2.71	6.1	1.8	1.8	9.9	22	0.1	0.4	0.2	55	0.35	0.098
1115393	Soil		0.6	29.1	6.8	62	<0.1	31.2	11.9	406	2.74	5.4	4.0	1.8	11.8	30	0.2	0.5	0.2	62	0.43	0.097
1115395	Soil		0.6	21.2	5.4	56	<0.1	25.4	9.9	450	2.23	3.4	2.0	1.2	8.9	22	0.2	0.3	0.2	50	0.36	0.093

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1127066	Soil		16	31	0.50	165	0.067	1	2.15	0.012	0.05	0.2	0.04	2.9	0.1	<0.05	5	<0.5	<0.2
1127063	Soil		22	32	0.76	91	0.133	1	1.50	0.015	0.24	0.2	0.01	2.6	0.4	<0.05	7	<0.5	<0.2
1127071	Soil		136	32	0.57	220	0.083	1	1.95	0.017	0.14	0.4	0.06	4.4	0.2	0.05	8	1.9	<0.2
1127076	Soil		72	26	0.44	208	0.062	<1	1.66	0.013	0.08	0.2	0.05	3.4	0.2	<0.05	7	0.8	<0.2
1127065	Soil		29	28	0.61	128	0.114	<1	1.52	0.016	0.17	0.2	0.03	3.4	0.2	<0.05	7	0.5	<0.2
1127061	Soil		20	27	0.54	180	0.095	2	1.41	0.013	0.10	0.2	0.05	2.5	0.2	<0.05	7	0.6	<0.2
1127073	Soil		35	27	0.52	157	0.090	1	1.55	0.012	0.13	0.3	0.02	3.0	0.2	<0.05	8	<0.5	<0.2
1127069	Soil		18	24	0.48	74	0.098	2	1.12	0.012	0.14	0.3	0.03	2.2	0.2	<0.05	6	<0.5	<0.2
1127067	Soil		76	33	0.63	149	0.087	1	1.71	0.012	0.19	0.4	0.04	4.0	0.3	<0.05	8	0.5	<0.2
1127064	Soil		37	28	0.59	133	0.115	2	1.30	0.017	0.16	0.2	0.03	3.4	0.2	<0.05	6	<0.5	<0.2
1127075	Soil		52	28	0.51	168	0.074	2	1.55	0.012	0.08	0.3	0.03	3.1	0.2	<0.05	7	<0.5	<0.2
1127068	Soil		50	29	0.58	115	0.100	<1	1.47	0.013	0.18	0.3	0.02	3.8	0.3	<0.05	7	<0.5	<0.2
1127072	Soil		74	27	0.50	183	0.076	1	1.75	0.012	0.10	0.4	0.05	3.7	0.2	<0.05	8	0.9	<0.2
1127062	Soil		29	34	0.64	96	0.118	1	1.87	0.011	0.16	0.2	0.04	3.0	0.3	<0.05	7	<0.5	<0.2
1115398	Soil		49	25	0.50	125	0.097	1	1.29	0.017	0.12	0.8	0.03	3.6	0.2	<0.05	5	<0.5	<0.2
1126248	Soil		20	22	0.45	78	0.084	1	1.45	0.013	0.07	0.5	0.04	2.2	0.1	<0.05	5	<0.5	<0.2
1127077	Soil		39	29	0.49	166	0.057	1	1.74	0.010	0.07	0.3	0.05	3.5	0.2	<0.05	7	<0.5	<0.2
1115396	Soil		21	21	0.36	89	0.081	1	1.15	0.014	0.08	0.3	0.03	1.9	0.1	<0.05	5	0.5	<0.2
1126230	Soil		24	25	0.43	119	0.093	1	1.28	0.015	0.08	0.2	0.02	3.4	0.1	<0.05	5	<0.5	<0.2
1126247	Soil		31	60	0.82	161	0.136	1	1.74	0.019	0.20	0.9	0.02	3.4	0.2	<0.05	6	<0.5	<0.2
1126285	Soil		42	26	0.64	165	0.151	1	1.76	0.016	0.38	0.9	0.03	4.4	0.5	<0.05	8	1.3	<0.2
1126231	Soil		17	22	0.41	93	0.083	1	1.50	0.010	0.08	0.2	0.02	2.2	0.1	<0.05	5	0.7	<0.2
1117245	Soil		43	37	0.66	110	0.100	2	1.73	0.013	0.15	0.7	0.04	3.8	0.2	<0.05	6	0.5	<0.2
1115399	Soil		72	34	0.83	204	0.128	1	1.96	0.016	0.31	0.7	0.03	4.7	0.4	<0.05	9	0.9	<0.2
1126234	Soil		9	28	0.54	103	0.070	2	2.07	0.013	0.06	0.2	0.05	2.6	0.1	<0.05	5	<0.5	<0.2
1115400	Soil		62	175	2.48	828	0.238	1	3.52	0.013	1.53	0.3	0.03	13.6	1.5	<0.05	17	<0.5	<0.2
1117244	Soil		57	28	0.72	164	0.106	2	1.68	0.012	0.25	0.7	0.02	3.5	0.3	<0.05	8	0.6	<0.2
1115394	Soil		19	41	0.69	142	0.117	1	1.68	0.016	0.13	0.4	0.03	2.8	0.3	<0.05	6	<0.5	<0.2
1115393	Soil		25	53	0.76	320	0.131	2	1.64	0.023	0.24	0.7	0.03	4.2	0.3	<0.05	6	<0.5	<0.2
1115395	Soil		22	38	0.57	162	0.104	2	1.26	0.016	0.12	0.4	0.04	3.3	0.1	<0.05	4	<0.5	<0.2

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

Project: ECH
Report Date: August 19, 2011

CERTIFICATE OF ANALYSIS DAW11000111.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1117249	Soil	1.2	19.8	8.8	79	<0.1	20.3	10.0	589	2.52	4.2	8.2	7.9	18.5	14	0.3	0.4	0.4	49	0.25	0.083
1115397	Soil	0.8	23.1	6.9	67	<0.1	22.5	11.1	456	2.82	5.2	3.9	3.3	11.3	20	0.2	0.4	0.3	57	0.38	0.124
1126233	Soil	0.9	15.9	8.2	64	<0.1	17.8	7.9	404	2.19	5.2	2.1	5.8	7.8	12	0.2	0.3	0.2	44	0.16	0.051
1126235	Soil	1.2	39.1	13.0	64	0.2	38.7	14.2	247	3.36	6.8	8.2	2.2	14.6	18	<0.1	0.5	0.7	73	0.27	0.074
1126232	Soil	1.5	49.2	8.0	63	<0.1	19.2	7.6	348	2.32	5.2	7.5	2.1	17.0	18	0.2	0.4	0.3	49	0.23	0.069
1126238	Soil	0.8	20.1	8.0	57	<0.1	21.7	9.0	426	2.29	4.7	4.8	2.2	19.7	15	0.1	0.4	0.5	48	0.25	0.073
1126237	Soil	0.9	20.0	7.2	56	<0.1	22.1	8.8	362	2.30	6.4	2.8	5.2	12.5	14	0.2	0.4	0.3	48	0.20	0.056
1126249	Soil	0.8	21.4	7.7	61	<0.1	23.5	9.7	328	2.61	5.5	1.7	1.9	7.1	14	0.1	0.4	0.3	59	0.21	0.059
1126245	Soil	0.8	18.5	6.7	52	<0.1	17.6	6.4	278	2.14	4.8	1.9	2.3	10.5	13	0.2	0.4	0.3	48	0.17	0.051
1126236	Soil	0.9	22.4	8.4	52	<0.1	25.2	9.2	297	2.58	6.1	2.9	<0.5	7.6	16	<0.1	0.4	0.2	57	0.21	0.050
1126243	Soil	0.8	14.5	8.4	59	<0.1	16.9	7.0	375	2.23	4.0	2.8	2.5	11.9	15	0.2	0.4	0.3	47	0.22	0.066
1115392	Soil	0.7	23.1	6.1	65	<0.1	27.2	11.4	446	2.65	5.0	3.0	5.5	13.5	23	0.1	0.4	0.2	59	0.37	0.102
1126250	Soil	0.7	22.2	5.4	61	<0.1	25.5	10.7	408	2.39	4.6	3.3	2.3	12.4	22	0.1	0.3	0.2	54	0.37	0.086
1126244	Soil	0.9	18.7	7.4	51	<0.1	19.9	7.9	330	2.47	6.6	1.5	0.8	10.9	12	0.2	0.5	0.2	53	0.15	0.042
1126246	Soil	0.9	18.7	6.2	59	<0.1	21.6	8.0	351	2.19	5.1	2.3	1.3	15.3	13	0.2	0.4	0.2	45	0.17	0.050
1115391	Soil	1.0	27.4	9.3	120	<0.1	31.5	13.3	756	3.33	7.3	7.0	2.6	26.7	19	0.3	0.4	0.3	62	0.30	0.121
1115077	Soil	1.0	17.7	45.7	86	<0.1	19.8	8.6	664	2.77	5.9	7.2	4.2	2.7	14	0.1	0.5	0.7	50	0.16	0.075
1115062	Soil	0.7	16.7	7.6	51	<0.1	16.2	7.5	366	2.27	4.2	2.9	1.5	3.7	13	0.1	0.3	0.5	42	0.24	0.083
1115061	Soil	0.7	17.3	12.0	52	<0.1	15.2	7.2	262	2.35	4.2	6.0	0.7	2.9	13	<0.1	0.3	1.0	49	0.20	0.078
1115055	Soil	0.7	22.6	14.4	69	<0.1	19.0	10.7	677	2.79	6.3	10.1	1.8	4.1	15	0.3	0.4	0.8	54	0.22	0.085
1115059	Soil	0.8	18.7	15.0	59	<0.1	16.5	8.1	428	2.66	5.4	5.7	1.4	2.4	13	0.2	0.4	1.3	53	0.14	0.060
1115058	Soil	0.6	20.0	17.4	77	<0.1	18.4	9.7	512	2.64	4.2	7.4	3.9	5.8	14	0.2	0.3	0.6	55	0.29	0.114
1115051	Soil	0.7	10.6	13.9	53	<0.1	7.7	4.4	460	1.95	3.5	3.0	4.3	0.4	9	0.2	0.4	1.5	39	0.09	0.064
1115056	Soil	0.9	19.8	16.5	68	0.1	16.7	9.2	731	2.80	6.3	9.6	<0.5	1.0	17	0.4	0.4	1.0	55	0.16	0.078
1115064	Soil	1.0	24.5	14.2	57	0.1	18.3	9.9	589	2.87	5.8	6.5	0.7	2.0	15	0.1	0.4	0.9	56	0.17	0.080
1115057	Soil	1.2	20.0	19.1	61	<0.1	19.9	10.3	620	3.05	7.0	13.9	4.9	2.4	13	0.1	0.4	0.9	61	0.14	0.067
1115054	Soil	0.7	21.4	13.8	76	<0.1	21.2	10.9	710	2.87	5.9	10.2	2.0	6.6	16	0.2	0.4	0.8	50	0.30	0.125
1115052	Soil	0.8	15.3	13.0	58	<0.1	13.3	6.9	412	2.49	4.4	2.9	1.0	2.3	9	0.2	0.4	0.7	46	0.13	0.070
1115074	Soil	0.7	15.8	20.3	59	<0.1	13.6	6.5	334	2.16	3.3	5.2	0.6	3.3	22	0.2	0.3	0.9	44	0.32	0.071
1115076	Soil	1.0	16.0	22.7	59	<0.1	20.8	9.0	503	2.61	6.4	3.3	5.2	1.9	12	0.2	0.5	0.8	51	0.15	0.059

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Project: ECH
Report Date: August 19, 2011

CERTIFICATE OF ANALYSIS DAW11000111.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1117249	Soil		54	27	0.50	118	0.098	1	1.42	0.014	0.15	0.8	0.04	3.5	0.2	<0.05	5	<0.5	<0.2
1115397	Soil		29	29	0.58	152	0.125	1	1.77	0.014	0.19	0.8	0.03	3.3	0.3	<0.05	6	<0.5	<0.2
1126233	Soil		13	24	0.41	80	0.068	1	1.63	0.009	0.06	0.2	0.04	2.1	0.1	<0.05	5	0.5	<0.2
1126235	Soil		66	74	0.90	186	0.099	1	2.74	0.013	0.18	1.3	0.07	6.2	0.3	<0.05	8	0.8	<0.2
1126232	Soil		33	26	0.37	165	0.095	<1	1.46	0.011	0.08	0.2	0.02	3.7	0.1	<0.05	5	<0.5	<0.2
1126238	Soil		28	31	0.47	109	0.094	<1	1.52	0.012	0.11	0.5	0.03	2.9	0.2	<0.05	5	<0.5	<0.2
1126237	Soil		32	27	0.47	136	0.080	1	1.52	0.012	0.08	0.3	0.03	2.9	0.1	<0.05	5	0.5	<0.2
1126249	Soil		19	30	0.52	102	0.089	1	1.82	0.014	0.09	0.6	0.04	2.9	0.2	<0.05	6	<0.5	<0.2
1126245	Soil		19	23	0.41	83	0.087	1	1.49	0.011	0.08	0.2	0.04	2.2	0.1	<0.05	5	<0.5	<0.2
1126236	Soil		20	38	0.58	140	0.090	1	1.75	0.012	0.08	0.4	0.04	3.5	0.2	<0.05	5	<0.5	<0.2
1126243	Soil		23	25	0.39	97	0.082	<1	1.40	0.011	0.08	0.4	0.02	2.3	0.1	<0.05	5	<0.5	<0.2
1115392	Soil		37	40	0.67	154	0.130	1	1.66	0.017	0.19	0.7	0.03	4.0	0.2	<0.05	6	<0.5	<0.2
1126250	Soil		38	42	0.63	202	0.118	<1	1.51	0.016	0.17	1.1	0.03	3.9	0.2	<0.05	5	<0.5	<0.2
1126244	Soil		20	25	0.45	82	0.081	1	1.62	0.011	0.07	0.2	0.04	2.4	0.1	<0.05	5	<0.5	<0.2
1126246	Soil		27	27	0.44	89	0.085	<1	1.47	0.011	0.11	0.3	0.04	2.5	0.1	<0.05	5	<0.5	<0.2
1115391	Soil		72	44	0.69	214	0.123	1	2.29	0.015	0.21	0.8	0.05	4.9	0.4	<0.05	8	<0.5	<0.2
1115077	Soil		13	24	0.37	99	0.045	<1	1.59	0.009	0.06	0.2	0.04	2.2	0.1	<0.05	5	<0.5	<0.2
1115062	Soil		12	21	0.57	94	0.098	1	1.51	0.012	0.19	0.2	0.04	2.0	0.2	<0.05	5	<0.5	<0.2
1115061	Soil		13	24	0.50	97	0.090	<1	1.61	0.011	0.13	0.2	0.03	2.3	0.2	<0.05	6	<0.5	<0.2
1115055	Soil		18	25	0.57	132	0.093	1	1.78	0.014	0.16	0.1	0.05	3.1	0.2	<0.05	6	0.5	<0.2
1115059	Soil		11	26	0.49	105	0.075	1	1.78	0.016	0.08	0.2	0.04	2.2	0.2	<0.05	7	<0.5	<0.2
1115058	Soil		14	22	0.53	176	0.121	<1	1.74	0.014	0.19	0.2	0.03	3.2	0.3	<0.05	6	0.6	<0.2
1115051	Soil		9	15	0.30	66	0.037	<1	1.15	0.009	0.10	0.1	0.06	0.8	0.2	<0.05	6	<0.5	<0.2
1115056	Soil		11	25	0.49	117	0.062	1	1.76	0.012	0.11	0.2	0.10	1.8	0.2	0.05	7	<0.5	<0.2
1115064	Soil		13	29	0.59	134	0.092	<1	2.01	0.014	0.15	0.2	0.07	2.7	0.3	<0.05	7	<0.5	<0.2
1115057	Soil		13	30	0.56	120	0.076	<1	1.91	0.011	0.11	0.2	0.04	2.7	0.2	<0.05	7	<0.5	<0.2
1115054	Soil		19	24	0.64	170	0.101	<1	1.92	0.013	0.18	0.1	0.03	3.7	0.2	<0.05	7	<0.5	<0.2
1115052	Soil		10	22	0.50	85	0.090	<1	1.70	0.010	0.15	0.2	0.05	2.2	0.3	<0.05	7	<0.5	<0.2
1115074	Soil		15	20	0.37	125	0.053	<1	1.17	0.014	0.08	0.1	0.03	2.2	0.1	<0.05	5	<0.5	<0.2
1115076	Soil		10	25	0.38	91	0.053	1	1.69	0.010	0.06	0.2	0.07	1.9	0.1	<0.05	5	<0.5	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1115068	Soil		0.8	16.5	11.3	55	<0.1	20.1	7.9	400	2.36	5.2	3.0	2.4	4.7	15	0.2	0.4	0.3	50	0.23	0.070
1115067	Soil		0.7	14.6	10.4	54	<0.1	17.1	7.0	319	2.07	4.4	1.9	1.7	2.8	17	0.2	0.4	0.6	44	0.25	0.053
1115083	Soil		0.7	21.0	8.9	62	<0.1	21.8	9.6	405	2.43	5.4	3.2	2.4	4.3	18	0.1	0.4	0.4	52	0.31	0.091
1115073	Soil		1.1	11.5	22.4	50	<0.1	11.2	4.9	301	2.20	4.7	3.0	<0.5	1.1	15	0.2	0.5	1.1	51	0.17	0.064
1115082	Soil		0.7	21.2	9.4	59	<0.1	21.4	9.8	421	2.54	5.6	3.4	4.1	4.2	18	0.3	0.4	0.4	54	0.30	0.088
1115078	Soil		1.0	16.7	14.1	41	<0.1	10.3	4.6	226	1.71	3.7	2.8	1.5	0.6	14	0.2	0.3	0.3	44	0.15	0.062
1115063	Soil		0.9	22.1	11.4	55	<0.1	19.8	9.5	379	2.41	5.2	4.3	1.8	3.4	16	0.2	0.3	0.7	59	0.31	0.094
1115079	Soil		0.8	25.9	18.3	76	<0.1	21.6	10.4	596	2.71	6.9	10.1	1.1	4.5	20	0.2	0.4	0.7	60	0.30	0.071
1115053	Soil		0.8	23.1	16.2	72	<0.1	23.6	11.6	664	2.92	7.3	8.9	1.1	5.9	13	0.3	0.4	0.8	61	0.24	0.094
1115075	Soil		0.8	18.4	26.0	73	<0.1	23.9	11.2	615	2.91	6.3	3.9	10.4	3.4	15	0.2	0.5	1.3	62	0.20	0.050
1115070	Soil		1.2	17.6	24.2	55	0.2	14.7	6.5	369	2.31	6.0	4.4	1.9	0.9	16	0.2	0.3	1.1	54	0.22	0.083
1115072	Soil		0.6	15.7	22.9	66	<0.1	18.1	8.0	366	2.31	5.0	6.2	2.3	5.5	18	0.2	0.3	1.5	51	0.34	0.075
1115069	Soil		1.5	19.6	17.6	57	0.1	19.9	7.7	346	2.94	7.9	1.5	4.7	1.8	12	0.3	0.6	0.7	70	0.14	0.062
1115080	Soil		1.1	26.9	15.1	78	<0.1	23.7	11.0	520	2.89	7.9	5.5	3.3	2.2	16	0.2	0.4	0.4	66	0.21	0.066
1115060	Soil		0.7	25.1	11.3	61	<0.1	22.3	10.3	522	2.45	6.3	3.3	1.9	3.7	14	0.2	0.3	0.6	59	0.27	0.080
1112033	Soil		1.0	10.1	10.2	24	<0.1	6.8	3.6	120	1.76	3.4	1.2	2.6	2.9	6	<0.1	0.3	1.0	64	0.07	0.027
1115071	Soil		0.5	19.2	32.8	63	<0.1	17.6	8.7	457	2.29	4.2	5.2	3.9	6.3	17	0.1	0.3	0.9	50	0.32	0.077
1115081	Soil		0.9	28.9	10.1	82	<0.1	28.3	12.8	451	2.76	7.3	2.7	4.0	2.5	16	0.2	0.4	0.3	65	0.25	0.067
1115066	Soil		1.1	20.2	16.4	56	<0.1	20.9	12.0	568	2.55	6.0	3.5	2.2	2.6	14	0.3	0.4	0.8	64	0.21	0.077
1115065	Soil		1.2	15.1	15.3	51	<0.1	14.6	6.8	300	2.58	6.1	1.8	0.7	4.0	9	0.1	0.4	0.9	62	0.13	0.052
1127862	Soil		1.0	19.1	9.7	91	0.1	23.9	15.0	413	4.19	3.9	2.9	0.7	22.5	16	0.1	0.2	0.6	91	0.40	0.103
1127861	Soil		1.0	20.4	20.0	99	0.1	21.7	12.7	377	3.78	5.1	3.4	2.1	21.9	18	0.2	0.3	0.7	83	0.36	0.083
1127860	Soil		1.1	22.1	11.7	80	0.1	19.3	11.9	305	3.66	4.7	3.1	1.9	21.0	17	0.1	0.3	0.5	82	0.38	0.096
1127859	Soil		0.9	22.3	8.8	80	<0.1	17.4	11.7	358	3.73	5.2	3.5	2.1	16.7	23	0.1	0.4	0.4	61	0.59	0.184
1127858	Soil		1.5	18.7	24.8	91	0.2	21.5	18.8	708	4.51	6.5	3.4	2.6	24.2	17	0.1	0.3	0.6	94	0.35	0.100
1127857	Soil		1.3	17.5	16.1	72	0.1	21.3	10.7	264	3.11	5.2	3.3	1.7	20.6	17	0.1	0.3	0.5	78	0.29	0.086
1127855	Soil		1.4	21.0	7.5	75	<0.1	20.4	15.0	482	3.84	5.5	2.0	3.1	11.6	15	0.2	0.3	0.3	103	0.43	0.116
1127856	Soil		1.6	24.5	14.4	92	0.1	26.9	15.8	602	4.07	7.1	3.9	2.3	21.7	22	0.2	0.3	0.6	100	0.47	0.116
1127853	Soil		1.3	25.1	10.3	89	<0.1	30.6	15.0	659	3.68	7.2	4.0	1.6	19.3	18	0.2	0.4	0.5	78	0.36	0.098
1127854	Soil		1.3	24.4	8.1	55	0.1	16.8	9.1	264	2.72	5.5	2.7	3.4	4.5	14	0.2	0.4	0.4	73	0.20	0.062

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

Project: ECH
Report Date: August 19, 2011

CERTIFICATE OF ANALYSIS DAW11000111.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1115068	Soil	13	24	0.45	93	0.077	<1	1.39	0.013	0.06	0.2	0.02	2.4	<0.1	<0.05	5	<0.5	<0.2
1115067	Soil	10	22	0.42	74	0.073	1	1.09	0.013	0.08	0.1	0.04	2.0	<0.1	<0.05	4	<0.5	<0.2
1115083	Soil	13	28	0.59	129	0.100	<1	1.56	0.013	0.11	0.2	0.02	2.9	0.2	<0.05	5	<0.5	<0.2
1115073	Soil	8	19	0.24	68	0.044	<1	0.78	0.010	0.07	0.2	0.06	1.4	<0.1	<0.05	5	<0.5	<0.2
1115082	Soil	13	28	0.58	133	0.098	<1	1.61	0.013	0.11	0.2	0.02	3.1	0.2	<0.05	5	<0.5	<0.2
1115078	Soil	13	17	0.22	77	0.038	2	1.09	0.016	0.05	<0.1	0.07	1.2	0.1	0.14	4	0.5	<0.2
1115063	Soil	12	29	0.54	108	0.087	2	1.59	0.013	0.12	0.2	0.03	2.9	0.2	0.06	6	0.7	<0.2
1115079	Soil	19	29	0.53	152	0.070	2	1.82	0.014	0.08	0.1	0.04	3.3	0.2	<0.05	6	0.5	<0.2
1115053	Soil	17	29	0.60	146	0.088	2	1.85	0.010	0.15	0.1	0.05	3.5	0.2	<0.05	6	0.9	<0.2
1115075	Soil	12	29	0.52	127	0.058	2	1.80	0.010	0.09	0.1	0.04	2.7	0.2	<0.05	5	0.5	<0.2
1115070	Soil	10	25	0.27	108	0.029	2	1.28	0.011	0.07	0.1	0.10	1.6	0.1	0.08	5	<0.5	<0.2
1115072	Soil	14	23	0.31	112	0.053	1	1.19	0.013	0.08	0.1	0.03	2.4	<0.1	<0.05	4	<0.5	<0.2
1115069	Soil	12	30	0.33	78	0.067	2	1.67	0.008	0.06	0.1	0.12	1.8	0.1	<0.05	6	0.6	<0.2
1115080	Soil	13	31	0.51	132	0.063	2	1.92	0.012	0.07	0.1	0.04	2.7	0.2	<0.05	6	<0.5	<0.2
1115060	Soil	15	28	0.49	98	0.081	2	1.60	0.012	0.09	0.1	0.04	2.7	0.2	<0.05	5	<0.5	<0.2
1112033	Soil	10	15	0.14	36	0.082	<1	0.91	0.006	0.06	0.2	0.04	1.3	0.1	<0.05	8	<0.5	<0.2
1115071	Soil	15	22	0.34	125	0.061	1	1.23	0.014	0.06	0.1	0.03	2.5	<0.1	<0.05	4	<0.5	<0.2
1115081	Soil	11	33	0.58	112	0.092	2	1.91	0.013	0.08	0.2	0.03	2.7	0.2	<0.05	6	0.7	<0.2
1115066	Soil	16	30	0.42	117	0.069	2	1.66	0.011	0.08	0.2	0.05	2.6	0.2	<0.05	6	<0.5	<0.2
1115065	Soil	10	25	0.31	55	0.093	2	1.24	0.008	0.10	0.2	0.07	2.0	0.1	<0.05	7	<0.5	<0.2
1127862	Soil	52	44	1.01	143	0.220	2	2.38	0.014	0.62	1.6	0.04	5.8	0.8	<0.05	12	0.6	<0.2
1127861	Soil	55	38	0.87	154	0.183	2	2.24	0.014	0.46	0.8	0.04	5.7	0.6	<0.05	10	0.6	<0.2
1127860	Soil	38	34	0.86	152	0.188	1	2.06	0.015	0.45	0.5	0.04	5.3	0.5	<0.05	9	<0.5	<0.2
1127859	Soil	37	28	0.69	198	0.171	2	2.02	0.016	0.34	0.5	0.03	5.0	0.5	<0.05	8	<0.5	<0.2
1127858	Soil	54	42	0.85	212	0.179	1	2.28	0.012	0.38	1.1	0.04	6.6	0.5	<0.05	11	0.7	<0.2
1127857	Soil	39	38	0.67	129	0.125	1	2.04	0.014	0.20	0.6	0.06	4.5	0.3	<0.05	8	0.6	<0.2
1127855	Soil	22	30	0.72	115	0.201	2	1.76	0.018	0.42	1.0	0.03	4.0	0.5	<0.05	9	<0.5	<0.2
1127856	Soil	67	47	0.86	194	0.143	2	2.10	0.017	0.36	1.1	0.04	6.0	0.4	<0.05	10	1.0	<0.2
1127853	Soil	77	43	0.78	178	0.126	3	1.96	0.016	0.26	1.5	0.03	5.0	0.4	<0.05	8	<0.5	<0.2
1127854	Soil	38	26	0.42	126	0.092	1	1.57	0.016	0.15	0.6	0.06	2.6	0.2	0.06	7	<0.5	<0.2

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

Project: ECH
Report Date: August 19, 2011

CERTIFICATE OF ANALYSIS DAW11000111.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1127851	Soil		1.5	19.8	10.4	60	<0.1	20.9	11.4	420	3.26	6.2	1.7	5.4	11.3	11	<0.1	0.4	0.3	80	0.18	0.045
1127852	Soil		1.2	21.5	9.5	58	<0.1	23.4	10.9	355	2.97	6.7	1.8	4.8	15.3	12	0.1	0.4	0.3	73	0.20	0.045
1127882	Soil		1.5	30.3	9.8	81	<0.1	26.8	13.9	482	3.83	7.0	3.5	4.5	25.5	18	0.1	0.4	0.8	72	0.23	0.029
1127881	Soil		1.6	30.6	10.2	80	<0.1	26.6	13.3	471	3.71	7.6	3.5	5.6	25.1	17	0.1	0.4	0.8	74	0.21	0.029
1127868	Soil		1.1	20.7	10.0	80	<0.1	20.3	11.8	390	4.12	4.8	4.7	3.0	22.0	14	0.1	0.3	0.5	83	0.27	0.069
1127865	Soil		1.3	15.6	7.3	85	<0.1	28.2	14.5	492	3.92	3.6	3.4	1.4	19.9	15	<0.1	0.3	0.4	75	0.31	0.071
1127879	Soil		1.2	25.3	9.9	73	<0.1	27.2	12.3	410	3.42	7.9	2.6	3.8	23.1	16	<0.1	0.4	0.5	73	0.22	0.042
1127878	Soil		1.3	25.2	8.6	70	<0.1	27.8	12.6	417	3.33	7.8	2.6	4.9	22.3	16	0.1	0.4	0.5	70	0.24	0.055
1127870	Soil		1.0	25.9	7.0	96	<0.1	26.8	15.3	505	4.16	3.8	3.5	2.3	24.9	15	<0.1	0.2	0.3	80	0.38	0.067
1127866	Soil		1.4	20.9	10.1	68	<0.1	23.5	12.2	391	4.27	8.8	1.8	1.9	11.9	14	0.1	0.4	0.3	89	0.21	0.042
1127876	Soil		1.8	15.8	8.4	24	<0.1	7.1	2.7	79	1.61	2.4	2.0	23.5	3.1	10	<0.1	0.2	2.7	36	0.09	0.040
1127877	Soil		1.3	29.4	10.1	72	<0.1	24.9	10.7	384	3.20	8.9	3.7	10.2	25.5	18	0.1	0.6	1.2	63	0.22	0.053
1127871	Soil		1.0	32.4	6.8	96	<0.1	23.1	18.3	538	4.53	3.2	3.4	1.3	25.2	17	0.1	0.2	0.3	90	0.44	0.127
1127867	Soil		1.1	28.4	9.3	79	<0.1	22.9	13.4	535	4.00	6.0	4.7	1.4	22.5	18	0.1	0.3	0.3	80	0.29	0.069
1127863	Soil		0.9	24.6	14.5	90	0.1	17.8	16.5	545	4.51	3.7	5.4	1.7	25.2	19	<0.1	0.2	0.7	81	0.44	0.142
1127875	Soil		2.0	25.5	9.9	71	<0.1	23.5	11.7	413	3.52	8.2	3.1	16.2	23.3	15	0.1	0.5	3.9	66	0.17	0.039
1127873	Soil		1.3	20.5	10.4	71	<0.1	18.2	11.4	484	3.71	6.6	3.8	4.2	24.6	17	0.1	0.4	0.8	72	0.25	0.051
1127869	Soil		1.4	18.8	11.0	81	<0.1	20.8	12.2	536	3.67	7.7	3.2	3.0	21.3	14	0.2	0.4	0.4	70	0.18	0.042
1127864	Soil		1.9	18.1	11.4	85	<0.1	17.4	9.4	419	3.92	5.9	5.8	2.8	28.7	16	0.1	0.3	0.7	64	0.26	0.072
1127880	Soil		1.5	25.8	10.1	78	<0.1	22.8	11.0	419	3.54	7.3	2.8	2.1	21.5	17	0.1	0.5	0.6	69	0.19	0.037
1127872	Soil		1.2	23.1	10.6	75	0.1	20.7	11.0	346	3.46	6.2	4.0	1.4	18.6	15	0.1	0.4	0.4	73	0.24	0.049
1127874	Soil		1.9	22.7	11.9	84	<0.1	19.0	10.7	493	4.05	8.0	3.8	6.1	29.2	17	0.1	0.4	1.9	78	0.20	0.037
1125065	Soil		1.2	9.6	23.9	70	<0.1	10.3	6.2	629	2.19	3.2	5.8	<0.5	5.8	10	0.2	0.3	1.6	34	0.20	0.084
1125068	Soil		0.7	24.5	10.5	57	<0.1	23.1	8.9	450	2.70	5.5	2.5	2.7	5.6	16	<0.1	0.4	0.4	57	0.22	0.059
1125066	Soil		1.1	42.0	10.5	75	<0.1	34.1	16.7	691	3.72	4.0	3.0	1.2	12.3	27	0.1	0.3	0.4	71	0.38	0.066
1125067	Soil		0.6	27.0	10.7	61	<0.1	25.0	9.4	462	2.75	6.3	3.1	3.0	6.1	18	<0.1	0.5	0.4	59	0.25	0.059
1125050	Soil		1.0	19.6	11.4	58	<0.1	23.8	10.6	543	2.74	6.4	2.1	4.0	1.7	15	0.1	0.5	1.9	70	0.17	0.066
1125048	Soil		0.7	23.0	8.5	58	<0.1	33.2	14.3	474	2.81	6.0	1.5	2.9	4.0	17	0.1	0.5	0.5	68	0.25	0.047
1125049	Soil		1.0	23.9	11.4	63	<0.1	24.5	12.3	553	3.05	8.0	5.1	2.2	3.6	15	<0.1	0.5	1.2	67	0.17	0.060
1125047	Soil		1.8	15.6	17.9	107	<0.1	54.1	26.5	1329	5.76	4.3	5.9	<0.5	4.9	41	0.2	0.4	3.7	115	0.85	0.230

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1127851	Soil	22	31	0.53	88	0.120	2	1.87	0.012	0.15	0.3	0.05	3.3	0.2	<0.05	7	0.6	<0.2
1127852	Soil	33	33	0.51	89	0.095	2	1.99	0.011	0.10	0.4	0.05	3.1	0.2	<0.05	6	<0.5	<0.2
1127882	Soil	58	46	0.74	187	0.148	1	2.21	0.011	0.25	0.3	0.02	5.4	0.4	<0.05	9	<0.5	<0.2
1127881	Soil	57	46	0.68	187	0.130	1	2.15	0.009	0.21	0.3	0.04	5.0	0.3	<0.05	9	<0.5	<0.2
1127868	Soil	62	41	0.81	113	0.168	2	2.55	0.012	0.37	1.3	0.03	5.8	0.6	<0.05	11	<0.5	<0.2
1127865	Soil	67	62	0.99	139	0.187	1	2.09	0.015	0.50	2.0	0.02	4.9	0.7	<0.05	10	<0.5	<0.2
1127879	Soil	42	42	0.65	170	0.122	2	2.13	0.010	0.15	0.3	0.02	4.4	0.3	<0.05	8	<0.5	<0.2
1127878	Soil	36	39	0.62	169	0.117	2	2.11	0.010	0.14	0.3	0.04	4.4	0.2	<0.05	7	0.6	<0.2
1127870	Soil	62	44	0.97	165	0.218	1	2.23	0.015	0.58	2.0	0.01	5.5	0.8	<0.05	10	<0.5	<0.2
1127866	Soil	18	38	0.70	119	0.165	2	2.30	0.011	0.22	0.6	0.04	4.1	0.4	<0.05	10	<0.5	<0.2
1127876	Soil	30	14	0.14	62	0.056	2	0.85	0.014	0.09	0.2	0.04	1.4	0.1	<0.05	6	<0.5	<0.2
1127877	Soil	75	33	0.62	181	0.097	2	2.02	0.011	0.12	0.3	0.02	5.0	0.2	<0.05	8	<0.5	<0.2
1127871	Soil	54	37	1.03	227	0.243	2	2.37	0.020	0.74	1.6	<0.01	5.6	0.8	<0.05	12	<0.5	<0.2
1127867	Soil	51	39	0.77	156	0.161	2	2.07	0.016	0.39	1.4	0.02	6.2	0.5	<0.05	10	<0.5	<0.2
1127863	Soil	59	36	1.08	197	0.236	2	2.44	0.020	0.71	0.6	0.02	7.4	0.9	<0.05	12	<0.5	<0.2
1127875	Soil	46	33	0.63	144	0.127	2	2.25	0.012	0.20	0.5	0.02	4.2	0.3	<0.05	9	<0.5	<0.2
1127873	Soil	38	35	0.76	136	0.154	2	2.20	0.012	0.33	0.8	0.03	4.4	0.5	<0.05	10	<0.5	<0.2
1127869	Soil	40	36	0.72	133	0.150	2	2.12	0.012	0.26	1.4	0.03	4.2	0.4	<0.05	9	<0.5	<0.2
1127864	Soil	68	31	0.71	150	0.182	3	2.20	0.016	0.36	0.7	0.03	4.5	0.6	<0.05	12	<0.5	<0.2
1127880	Soil	47	40	0.72	154	0.136	2	2.10	0.012	0.21	0.3	0.01	4.4	0.4	<0.05	10	<0.5	<0.2
1127872	Soil	38	37	0.74	161	0.157	2	2.24	0.014	0.29	0.9	0.02	4.5	0.4	<0.05	10	<0.5	<0.2
1127874	Soil	44	40	0.75	142	0.177	2	2.45	0.011	0.36	0.5	0.03	4.9	0.5	<0.05	13	<0.5	<0.2
1125065	Soil	24	18	0.24	64	0.038	2	1.02	0.009	0.08	<0.1	0.04	1.5	0.1	<0.05	4	<0.5	<0.2
1125068	Soil	17	34	0.65	131	0.113	2	2.00	0.012	0.15	0.1	0.02	3.6	0.3	<0.05	6	<0.5	<0.2
1125066	Soil	30	69	1.88	282	0.185	1	3.02	0.021	1.03	0.2	0.02	7.1	0.9	<0.05	11	<0.5	<0.2
1125067	Soil	20	37	0.66	147	0.118	2	2.05	0.012	0.15	0.1	0.02	4.2	0.3	<0.05	6	<0.5	<0.2
1125050	Soil	13	39	0.57	132	0.103	2	1.81	0.013	0.11	0.2	0.05	2.2	0.2	<0.05	7	<0.5	<0.2
1125048	Soil	10	46	0.77	124	0.134	2	1.87	0.016	0.16	0.2	0.02	3.2	0.2	<0.05	6	<0.5	<0.2
1125049	Soil	17	35	0.71	132	0.101	2	2.15	0.012	0.15	0.2	0.04	3.8	0.2	<0.05	7	<0.5	<0.2
1125047	Soil	21	108	1.99	299	0.291	<1	3.27	0.018	0.78	0.2	0.01	8.7	0.6	<0.05	12	<0.5	<0.2

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

Project: ECH
Report Date: August 19, 2011

CERTIFICATE OF ANALYSIS DAW11000111.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1125046	Soil	1.7	20.0	79.6	74	0.1	15.6	7.2	376	2.59	9.7	3.0	1.3	0.5	11	0.2	0.9	6.4	57	0.09	0.081
1125043	Soil	1.0	23.6	10.2	59	<0.1	21.2	13.1	568	2.98	4.0	4.1	2.0	5.8	25	0.1	0.3	5.3	72	0.41	0.116
1125045	Soil	0.8	13.9	62.8	69	<0.1	15.5	6.9	611	2.08	4.6	4.4	3.1	1.8	15	0.3	0.4	17.2	45	0.18	0.065
1125044	Soil	1.2	21.2	14.2	62	<0.1	22.5	10.9	606	2.46	5.0	3.1	3.9	4.2	18	0.3	0.4	12.5	57	0.32	0.097
1125042	Soil	0.9	40.8	10.8	60	<0.1	28.9	19.1	714	2.97	2.4	4.5	<0.5	4.9	35	<0.1	0.2	7.6	71	0.39	0.092
1125038	Soil	2.2	22.0	12.2	84	<0.1	40.9	19.8	973	4.73	3.3	7.6	1.9	5.6	20	0.1	0.3	3.0	89	0.43	0.138
1125037	Soil	1.1	26.8	12.2	76	<0.1	30.5	17.8	696	4.11	3.9	7.8	0.8	5.8	25	0.1	0.3	2.2	87	0.49	0.117
1125040	Soil	1.0	24.3	8.4	77	<0.1	33.2	17.6	601	3.51	5.1	2.4	4.8	5.4	15	0.2	0.3	0.8	76	0.36	0.126
1125041	Soil	0.5	10.9	8.5	39	<0.1	33.9	17.8	1243	2.72	1.1	3.1	0.6	3.1	41	0.2	<0.1	14.3	64	0.69	0.089
1125039	Soil	1.2	20.9	10.3	67	<0.1	29.5	14.5	538	3.47	4.6	4.5	1.1	3.5	17	0.1	0.3	2.2	80	0.26	0.086
1125054	Soil	0.7	23.3	9.2	55	<0.1	25.8	11.1	371	2.90	4.8	3.8	1.7	6.4	24	0.1	0.3	1.1	60	0.40	0.112
1125064	Soil	0.7	18.6	21.6	56	<0.1	18.4	8.2	386	2.23	4.4	2.3	3.5	6.9	16	0.1	0.4	0.7	49	0.25	0.064
1125063	Soil	0.3	23.5	17.9	66	<0.1	19.0	7.9	201	2.11	4.2	3.0	1.8	9.1	22	0.2	0.6	0.8	51	0.34	0.068
1125061	Soil	1.4	17.3	15.3	55	<0.1	16.5	7.8	395	2.82	8.1	1.5	6.5	1.4	13	0.2	0.7	0.5	70	0.12	0.050
1125062	Soil	0.6	19.0	31.0	68	<0.1	14.3	9.4	641	2.42	3.3	7.7	0.6	7.9	17	0.2	0.2	0.7	33	0.26	0.091
1125060	Soil	1.1	21.0	36.0	78	<0.1	25.6	11.3	956	2.70	7.6	3.6	6.8	4.0	15	0.4	0.6	0.6	65	0.22	0.094
1125059	Soil	0.9	19.5	18.1	59	<0.1	22.8	11.3	592	2.81	7.5	2.1	13.5	2.9	16	0.1	0.5	0.6	67	0.18	0.053
1125057	Soil	0.6	20.7	12.8	49	<0.1	21.9	10.3	457	2.18	6.3	1.1	7.2	3.4	14	<0.1	0.5	0.5	52	0.14	0.031
1125056	Soil	0.6	20.1	14.2	50	<0.1	19.9	8.3	313	2.34	4.7	2.1	1.5	5.4	17	<0.1	0.5	0.5	50	0.22	0.058
1125058	Soil	1.2	20.2	16.8	68	<0.1	21.7	8.5	413	2.87	8.4	1.1	3.3	1.1	14	0.1	0.7	0.7	64	0.12	0.047
1125051	Soil	0.9	23.3	12.9	67	<0.1	25.2	12.4	629	2.95	8.0	2.9	1.8	4.0	17	0.2	0.5	2.0	62	0.23	0.076
1125052	Soil	0.7	23.8	7.2	71	<0.1	26.4	14.1	508	2.98	4.1	2.0	4.6	4.9	19	0.1	0.2	1.0	64	0.49	0.152
1125055	Soil	0.2	18.8	17.0	46	<0.1	18.9	6.7	177	1.87	3.7	2.1	1.0	9.3	19	0.1	0.5	1.0	57	0.26	0.057
1125053	Soil	0.8	23.4	9.4	62	<0.1	28.4	15.0	552	3.23	4.5	2.1	1.9	4.9	26	<0.1	0.3	0.8	70	0.44	0.114
1126213	Soil	0.6	23.5	7.9	58	<0.1	22.6	10.9	423	2.92	5.2	1.5	1.2	9.1	16	0.1	0.4	0.2	58	0.26	0.082
1126214	Soil	0.7	24.9	9.8	67	<0.1	25.8	10.9	450	2.85	6.1	1.9	1.6	9.7	18	0.2	0.5	0.4	56	0.26	0.084
1126211	Soil	1.2	24.6	12.2	70	<0.1	35.2	18.2	630	4.27	5.7	3.4	0.7	10.0	15	<0.1	0.4	0.3	84	0.22	0.085
1126212	Soil	0.8	21.7	10.8	57	<0.1	22.6	10.4	427	2.78	5.3	1.7	<0.5	7.7	15	0.1	0.3	0.2	54	0.24	0.083
1126215	Soil	0.6	22.0	10.7	62	<0.1	19.3	9.7	534	2.96	4.2	3.9	3.8	17.3	27	<0.1	0.3	0.2	49	0.39	0.129
1126207	Soil	0.5	23.0	8.8	70	<0.1	26.6	14.4	566	3.56	4.6	2.4	1.0	9.7	21	<0.1	0.3	0.2	70	0.39	0.111

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Client: **Ryan Gold Corp.**
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Project: ECH
Report Date: August 19, 2011

CERTIFICATE OF ANALYSIS DAW11000111.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1125046	Soil		9	27	0.34	94	0.036	2	1.92	0.007	0.08	0.2	0.08	1.4	0.1	0.07	6	<0.5	<0.2
1125043	Soil		15	39	0.84	152	0.145	2	2.10	0.013	0.35	0.2	0.02	3.7	0.4	<0.05	8	<0.5	<0.2
1125045	Soil		11	22	0.45	105	0.058	2	1.58	0.010	0.13	0.3	0.04	1.9	0.2	<0.05	5	<0.5	<0.2
1125044	Soil		15	31	0.68	119	0.097	1	1.83	0.013	0.18	0.3	0.05	2.8	0.2	<0.05	6	<0.5	<0.2
1125042	Soil		14	65	1.15	205	0.160	1	2.42	0.016	0.51	0.3	0.02	4.1	0.5	<0.05	8	<0.5	<0.2
1125038	Soil		21	79	1.00	184	0.163	1	2.18	0.014	0.51	0.2	0.02	8.9	0.5	<0.05	8	<0.5	<0.2
1125037	Soil		27	56	1.11	207	0.179	1	2.55	0.024	0.51	0.3	0.03	6.8	0.5	<0.05	10	<0.5	<0.2
1125040	Soil		24	63	1.01	133	0.193	2	2.39	0.015	0.30	0.2	0.05	3.4	0.4	<0.05	8	<0.5	<0.2
1125041	Soil		12	100	1.55	199	0.083	<1	3.04	0.015	0.56	0.2	<0.01	5.6	0.5	<0.05	8	<0.5	<0.2
1125039	Soil		27	66	1.04	149	0.141	<1	2.52	0.018	0.33	0.3	0.06	4.0	0.5	0.07	10	<0.5	<0.2
1125054	Soil		16	43	0.73	143	0.117	1	1.74	0.017	0.18	0.6	0.02	3.8	0.2	<0.05	6	<0.5	<0.2
1125064	Soil		18	31	0.51	106	0.082	2	1.64	0.012	0.08	<0.1	0.02	3.4	0.1	<0.05	5	<0.5	<0.2
1125063	Soil		21	32	0.49	173	0.082	2	1.43	0.016	0.11	0.1	0.04	4.0	<0.1	<0.05	4	<0.5	<0.2
1125061	Soil		10	30	0.39	98	0.064	2	1.85	0.008	0.06	0.2	0.05	1.8	0.1	<0.05	7	<0.5	<0.2
1125062	Soil		21	18	0.31	134	0.022	1	1.00	0.009	0.08	0.1	0.01	2.8	0.1	<0.05	3	0.5	<0.2
1125060	Soil		12	33	0.52	143	0.074	1	1.98	0.013	0.08	0.2	0.04	2.8	0.1	<0.05	5	<0.5	<0.2
1125059	Soil		11	31	0.57	152	0.092	2	2.05	0.012	0.07	0.2	0.05	2.6	0.2	<0.05	6	<0.5	<0.2
1125057	Soil		10	27	0.47	80	0.081	2	1.78	0.011	0.05	0.2	0.04	2.4	0.1	<0.05	4	<0.5	<0.2
1125056	Soil		15	32	0.48	91	0.082	1	1.70	0.011	0.07	0.2	0.04	3.6	0.1	<0.05	5	<0.5	<0.2
1125058	Soil		8	28	0.43	94	0.063	2	1.85	0.009	0.05	0.2	0.09	2.1	<0.1	<0.05	7	<0.5	<0.2
1125051	Soil		16	37	0.69	130	0.093	2	2.06	0.011	0.15	0.2	0.05	2.8	0.2	<0.05	7	<0.5	<0.2
1125052	Soil		14	41	0.88	129	0.143	<1	1.95	0.015	0.29	0.6	0.02	3.5	0.3	<0.05	7	<0.5	<0.2
1125055	Soil		17	38	0.54	122	0.108	<1	1.69	0.012	0.14	0.2	0.04	4.5	0.2	<0.05	6	<0.5	<0.2
1125053	Soil		13	53	0.93	164	0.144	1	2.04	0.018	0.28	0.5	0.02	3.7	0.3	<0.05	8	<0.5	<0.2
1126213	Soil		20	32	0.67	106	0.147	<1	1.86	0.012	0.27	0.2	0.03	3.1	0.3	<0.05	6	<0.5	<0.2
1126214	Soil		26	30	0.61	123	0.131	2	1.89	0.013	0.20	0.2	0.03	3.1	0.2	<0.05	7	<0.5	<0.2
1126211	Soil		51	61	1.07	167	0.201	1	2.87	0.012	0.50	0.3	0.04	4.4	0.6	<0.05	11	<0.5	<0.2
1126212	Soil		20	30	0.62	111	0.133	1	1.84	0.013	0.25	0.2	0.04	3.1	0.2	<0.05	7	<0.5	<0.2
1126215	Soil		67	28	0.64	142	0.132	<1	1.93	0.013	0.33	0.2	0.02	3.8	0.3	<0.05	7	<0.5	<0.2
1126207	Soil		32	51	1.07	181	0.185	<1	2.42	0.015	0.52	0.2	0.02	4.3	0.4	<0.05	9	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1117047	Soil	0.5	27.1	9.7	71	<0.1	27.5	13.3	510	3.17	4.0	2.5	1.6	10.3	23	<0.1	0.3	0.3	59	0.43	0.125
1126209	Soil	0.8	26.0	9.2	67	<0.1	23.2	15.0	570	3.50	5.4	2.7	2.6	9.0	17	<0.1	0.4	0.3	74	0.36	0.124
1126210	Soil	0.9	26.7	10.5	73	<0.1	31.3	15.0	646	3.82	7.8	2.6	0.9	10.3	19	0.2	0.7	0.3	67	0.28	0.102
1117044	Soil	0.7	50.6	8.9	77	<0.1	28.2	14.5	604	3.51	5.4	2.4	4.2	9.8	24	0.2	0.4	0.3	72	0.35	0.105
1126208	Soil	0.7	27.6	8.8	74	<0.1	25.7	13.8	567	3.27	5.6	2.1	1.4	9.0	22	0.2	0.4	0.3	67	0.36	0.106
1115450	Soil	1.0	34.2	10.1	91	<0.1	28.2	20.5	928	4.90	8.2	2.9	0.6	9.5	24	0.1	0.4	0.2	75	0.44	0.135
1117046	Soil	0.5	24.6	6.1	75	<0.1	35.3	18.1	562	3.89	3.5	1.3	2.9	5.9	31	0.1	0.2	0.2	82	0.60	0.121
1115449	Soil	0.6	22.3	8.7	70	<0.1	23.2	17.7	610	4.02	4.0	1.4	2.8	8.5	19	0.2	0.3	0.3	82	0.36	0.109
1126225	Soil	1.0	27.6	10.4	86	<0.1	32.9	17.7	672	4.00	5.9	1.6	7.6	7.1	20	0.1	0.4	0.4	80	0.33	0.076
1126226	Soil	0.9	22.2	8.9	67	<0.1	24.7	11.0	453	2.87	5.9	1.0	2.4	5.5	22	0.1	0.5	0.5	62	0.31	0.089
1126219	Soil	0.6	22.5	8.7	65	<0.1	20.0	10.4	385	2.98	4.9	1.8	4.0	9.4	25	0.1	0.4	0.2	55	0.37	0.106
1126227	Soil	0.5	23.3	8.0	60	<0.1	24.4	10.9	339	2.64	6.2	1.1	3.7	5.7	22	0.1	0.5	0.2	54	0.30	0.074
1126228	Soil	0.7	15.3	10.3	42	<0.1	15.0	6.4	256	2.58	5.3	0.8	1.5	2.9	13	<0.1	0.4	0.2	54	0.15	0.057
1126229	Soil	0.9	20.2	29.8	100	0.1	22.8	11.1	504	3.14	10.2	1.9	2.0	7.4	21	0.4	0.7	0.2	55	0.30	0.080
1126222	Soil	0.7	25.2	8.2	70	<0.1	26.2	11.6	465	2.94	5.3	1.5	2.4	8.3	20	0.2	0.5	0.5	59	0.36	0.108
1126220	Soil	0.6	27.4	9.6	84	<0.1	26.8	11.4	353	3.23	5.2	1.5	3.4	9.3	19	<0.1	0.4	0.4	65	0.29	0.078
1126224	Soil	0.9	26.2	9.6	63	<0.1	25.4	11.8	416	3.07	5.9	1.5	3.1	4.9	15	0.1	0.5	0.4	69	0.22	0.057
1126223	Soil	0.7	25.6	9.8	57	<0.1	24.9	11.5	390	2.87	7.1	1.1	2.2	4.7	15	0.2	0.5	0.8	60	0.18	0.047
1126216	Soil	0.7	23.3	8.9	59	<0.1	21.2	9.1	396	2.86	7.4	1.4	2.0	6.7	17	0.1	0.5	0.2	54	0.24	0.075
1126221	Soil	1.0	26.5	10.3	76	<0.1	24.4	11.2	482	2.98	5.4	2.0	2.7	9.2	19	0.2	0.4	0.4	55	0.31	0.103
1126218	Soil	0.8	19.8	11.5	56	<0.1	19.5	9.1	423	3.10	7.6	1.1	1.2	4.6	15	0.1	0.7	0.2	64	0.18	0.063
1126217	Soil	0.7	22.8	9.1	61	<0.1	19.7	9.9	392	2.96	5.2	2.0	4.9	9.9	15	<0.1	0.4	0.2	53	0.25	0.091
1117043	Soil	0.7	51.5	8.7	76	<0.1	27.8	14.4	593	3.51	5.7	2.4	4.6	9.9	23	0.1	0.4	0.3	72	0.32	0.100
1117045	Soil	0.5	44.2	7.9	70	<0.1	39.4	19.6	534	3.67	4.4	1.1	2.3	5.3	27	0.2	0.3	0.2	82	0.45	0.102
1115892	Soil	1.2	16.1	8.4	63	<0.1	19.6	10.2	431	2.88	6.6	2.3	5.2	20.6	20	0.1	0.3	0.3	62	0.38	0.097
1115893	Soil	1.5	11.4	10.6	57	0.2	10.2	5.4	514	2.39	6.2	1.1	3.7	5.2	14	0.3	0.3	0.5	66	0.13	0.044
1115894	Soil	1.8	12.7	11.2	63	0.1	13.0	6.7	692	2.47	6.7	0.9	2.3	5.4	17	0.4	0.3	0.4	65	0.19	0.054
1115895	Soil	1.8	15.1	10.2	64	<0.1	17.5	8.2	299	3.26	10.2	1.7	2.1	14.1	19	0.3	0.4	0.4	83	0.24	0.051
1115896	Soil	1.5	15.0	8.8	60	<0.1	17.9	8.2	277	3.12	8.9	1.6	4.0	14.3	18	0.3	0.4	0.4	82	0.26	0.048
1115897	Soil	1.3	15.8	9.5	46	<0.1	11.4	5.5	163	2.53	6.9	2.0	1.8	12.1	16	0.1	0.3	0.3	55	0.18	0.037

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

Project: ECH
Report Date: August 19, 2011

CERTIFICATE OF ANALYSIS DAW11000111.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1117047	Soil		33	45	0.99	172	0.169	1	2.08	0.017	0.47	0.2	0.02	4.2	0.4	<0.05	8	<0.5	<0.2
1126209	Soil		36	33	0.86	145	0.178	1	2.30	0.016	0.45	0.3	0.05	3.6	0.5	<0.05	9	<0.5	<0.2
1126210	Soil		32	41	0.75	150	0.129	2	2.17	0.014	0.31	0.2	0.04	4.7	0.3	<0.05	8	<0.5	<0.2
1117044	Soil		27	48	0.85	178	0.170	<1	2.17	0.017	0.40	0.3	0.05	5.4	0.5	<0.05	8	<0.5	<0.2
1126208	Soil		26	39	0.94	169	0.179	<1	2.35	0.017	0.38	0.2	0.03	3.9	0.4	<0.05	9	0.7	<0.2
1115450	Soil		32	33	0.73	146	0.122	<1	1.83	0.016	0.31	0.2	0.03	6.9	0.3	<0.05	8	<0.5	<0.2
1117046	Soil		22	72	1.45	208	0.243	<1	2.64	0.025	0.48	0.2	0.02	4.3	0.5	<0.05	10	<0.5	<0.2
1115449	Soil		23	33	1.11	399	0.223	<1	2.51	0.015	0.56	0.2	0.03	5.6	0.5	<0.05	10	<0.5	<0.2
1126225	Soil		23	51	1.04	204	0.165	<1	2.49	0.021	0.36	0.9	0.03	5.7	0.5	<0.05	9	<0.5	<0.2
1126226	Soil		15	36	0.72	124	0.135	<1	1.85	0.017	0.21	0.5	0.03	3.1	0.3	<0.05	7	<0.5	<0.2
1126219	Soil		30	29	0.65	158	0.150	<1	2.02	0.017	0.29	0.8	0.02	3.8	0.3	<0.05	7	<0.5	<0.2
1126227	Soil		16	33	0.70	117	0.126	<1	2.05	0.017	0.18	0.4	0.03	3.1	0.2	<0.05	6	<0.5	<0.2
1126228	Soil		11	26	0.45	74	0.088	<1	1.71	0.009	0.10	0.2	0.06	2.2	0.1	<0.05	7	0.9	<0.2
1126229	Soil		24	30	0.47	129	0.067	<1	1.50	0.013	0.13	0.2	0.04	4.9	0.2	<0.05	5	<0.5	<0.2
1126222	Soil		19	35	0.73	115	0.148	<1	1.89	0.018	0.26	0.5	0.03	3.6	0.3	<0.05	7	<0.5	<0.2
1126220	Soil		24	39	0.83	128	0.172	1	2.38	0.015	0.32	0.7	0.03	4.0	0.4	<0.05	8	<0.5	<0.2
1126224	Soil		17	40	0.73	103	0.150	<1	2.13	0.014	0.18	1.2	0.05	3.1	0.3	<0.05	8	<0.5	<0.2
1126223	Soil		13	34	0.65	86	0.117	<1	2.01	0.014	0.12	8.6	0.07	2.9	0.2	<0.05	6	<0.5	<0.2
1126216	Soil		18	29	0.62	109	0.104	<1	1.88	0.012	0.16	0.5	0.04	3.1	0.2	<0.05	6	<0.5	<0.2
1126221	Soil		23	33	0.60	109	0.116	<1	1.76	0.014	0.21	1.1	0.04	3.0	0.3	<0.05	7	<0.5	<0.2
1126218	Soil		17	30	0.58	92	0.105	<1	1.91	0.010	0.15	0.4	0.04	2.7	0.2	<0.05	8	0.5	<0.2
1126217	Soil		26	27	0.64	121	0.131	<1	2.03	0.013	0.29	0.4	0.03	3.5	0.3	<0.05	7	0.6	<0.2
1117043	Soil		27	49	0.95	183	0.163	<1	2.30	0.016	0.40	0.2	0.03	5.1	0.4	<0.05	8	<0.5	<0.2
1117045	Soil		18	65	1.41	184	0.199	1	2.52	0.025	0.51	0.4	0.02	4.0	0.4	<0.05	9	<0.5	<0.2
1115892	Soil		45	30	0.70	184	0.115	2	1.63	0.019	0.20	0.4	0.02	3.3	0.2	<0.05	7	<0.5	<0.2
1115893	Soil		20	19	0.27	146	0.087	<1	0.92	0.012	0.10	0.2	0.05	1.5	0.1	<0.05	8	<0.5	<0.2
1115894	Soil		10	23	0.38	140	0.092	1	1.07	0.011	0.12	0.2	0.05	1.8	0.1	<0.05	8	<0.5	<0.2
1115895	Soil		37	31	0.57	175	0.125	2	1.55	0.011	0.14	0.5	0.04	2.8	0.1	<0.05	9	<0.5	<0.2
1115896	Soil		35	31	0.56	161	0.131	1	1.50	0.011	0.14	0.4	0.03	2.8	0.2	<0.05	8	<0.5	<0.2
1115897	Soil		17	21	0.37	125	0.081	1	1.48	0.017	0.09	0.3	0.03	2.1	0.1	<0.05	7	<0.5	<0.2

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

Project: ECH
Report Date: August 19, 2011

CERTIFICATE OF ANALYSIS DAW11000111.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1115898	Soil		1.3	15.4	9.0	41	0.2	9.5	4.7	143	2.39	5.9	1.0	1.2	8.0	16	0.1	0.3	0.3	57	0.16	0.030
1115891	Soil		1.4	14.6	11.8	58	0.1	15.1	7.1	307	2.83	8.1	1.8	2.0	11.5	21	0.2	0.4	0.3	75	0.26	0.041
1115890	Soil		1.3	21.7	12.1	83	<0.1	24.2	13.1	542	3.36	8.2	3.8	3.1	32.7	24	0.2	0.4	0.8	74	0.42	0.104
1115889	Soil		1.1	16.0	13.3	63	0.2	16.7	9.4	509	2.54	6.1	2.0	0.6	16.0	19	0.3	0.3	0.3	57	0.29	0.072
1115888	Soil		2.0	14.7	10.1	44	0.1	11.3	5.4	384	2.35	5.6	1.5	10.9	11.4	19	0.2	0.4	0.4	67	0.20	0.045
1115887	Soil		1.8	10.1	9.2	38	0.1	6.0	3.5	253	1.57	3.6	0.6	1.6	2.8	12	0.5	0.3	0.2	52	0.08	0.035
1115886	Soil		0.6	6.8	4.9	22	0.2	3.2	2.3	134	0.94	1.7	0.3	1.1	1.0	8	0.2	0.1	0.1	26	0.06	0.023
1113600	Soil		1.4	14.8	11.7	48	0.1	14.6	7.0	334	3.15	7.4	1.6	1.8	10.5	11	0.4	0.4	0.3	76	0.11	0.048
1113599	Soil		1.3	22.7	13.2	58	<0.1	23.2	10.9	363	3.17	10.8	2.7	2.1	27.3	15	0.4	0.5	0.2	69	0.15	0.043
1113598	Soil		1.8	16.5	24.2	63	<0.1	20.9	10.3	438	3.98	10.7	1.9	0.9	24.4	14	0.2	0.5	0.5	86	0.18	0.050
1113596	Soil		2.0	23.6	16.2	77	<0.1	21.5	12.7	783	3.52	7.8	5.6	4.4	28.7	27	0.2	0.4	0.3	66	0.57	0.197
1113597	Soil		1.7	12.9	15.0	47	0.1	12.2	5.5	217	2.24	4.5	3.4	0.9	15.9	10	0.2	0.3	0.4	57	0.14	0.057
1113595	Soil		1.7	20.4	12.9	56	<0.1	17.6	8.5	363	2.53	7.9	7.0	1.7	33.5	18	0.2	0.4	0.3	57	0.22	0.050
1113593	Soil		1.4	29.8	15.3	78	0.1	34.9	13.0	560	3.49	8.6	5.6	5.1	29.6	25	0.3	0.5	0.4	67	0.41	0.112
1113583	Soil		0.7	16.7	7.9	51	<0.1	13.3	7.5	314	2.02	2.5	2.8	1.3	2.9	18	0.2	0.2	0.2	48	0.25	0.067
1113591	Soil		1.3	28.8	12.7	86	<0.1	31.0	15.0	668	3.51	10.6	5.1	1.5	18.7	20	0.3	0.6	0.3	76	0.28	0.085
1113584	Soil		0.7	28.4	12.0	87	<0.1	24.0	14.4	416	3.71	4.0	3.2	1.0	10.8	17	0.2	0.2	0.2	72	0.36	0.122
1113585	Soil		0.8	25.5	14.8	91	<0.1	25.4	16.0	596	3.93	4.7	4.0	0.7	13.7	15	0.3	0.2	0.3	77	0.27	0.114
1113586	Soil		1.0	31.5	14.5	88	0.1	28.4	14.6	468	3.94	5.3	10.6	4.3	14.8	16	0.2	0.3	0.3	80	0.25	0.097
1113588	Soil		0.8	21.3	6.4	24	<0.1	5.7	2.4	90	1.37	3.6	3.0	0.6	3.5	9	<0.1	0.3	0.3	34	0.09	0.072
1113590	Soil		1.1	22.3	10.4	73	<0.1	21.5	12.0	965	2.95	7.4	6.4	3.1	29.2	25	0.3	0.5	0.3	70	0.32	0.087
1113589	Soil		0.9	20.5	8.9	79	<0.1	22.7	13.1	488	2.98	5.7	2.5	1.5	7.0	29	0.2	0.4	0.3	70	0.41	0.091
1113587	Soil		0.9	25.4	10.8	72	<0.1	21.8	12.2	529	3.00	5.4	3.5	1.3	7.2	18	0.2	0.3	0.3	65	0.28	0.081
1113592	Soil		1.4	20.0	10.5	54	0.1	20.4	9.9	285	3.12	8.2	4.3	1.8	22.4	14	0.3	0.5	0.2	71	0.15	0.033
1113594	Soil		1.6	17.3	12.6	56	<0.1	19.0	9.0	343	2.65	6.3	3.5	0.9	15.6	21	0.3	0.4	0.3	60	0.32	0.090
1113500	Soil		0.4	19.6	8.0	60	<0.1	24.3	10.7	330	2.54	4.6	0.9	1.3	5.3	18	0.1	0.3	0.8	58	0.31	0.087
1115939	Soil		0.9	22.5	9.6	72	<0.1	22.6	10.4	403	2.39	7.6	0.8	2.0	2.1	14	0.2	0.6	0.3	56	0.16	0.052
1115941	Soil		0.6	19.8	8.8	64	<0.1	19.0	8.3	392	2.26	7.1	1.0	2.3	4.3	16	0.2	0.4	0.3	52	0.24	0.081
1115937	Soil		0.7	20.9	11.2	62	<0.1	19.4	8.3	405	2.38	7.2	1.4	3.1	3.0	13	0.1	0.5	0.5	55	0.18	0.063
1115940	Soil		0.6	14.7	10.0	56	<0.1	16.3	6.8	338	2.12	5.1	0.7	1.9	1.4	12	0.1	0.4	1.0	48	0.17	0.061

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1115898	Soil		10	20	0.32	111	0.083	<1	1.20	0.017	0.10	0.2	0.02	1.7	0.1	<0.05	7	<0.5	<0.2
1115891	Soil		49	27	0.50	182	0.114	2	1.39	0.011	0.14	0.3	0.03	2.5	0.1	<0.05	8	<0.5	<0.2
1115890	Soil		58	41	0.83	233	0.122	1	2.13	0.017	0.29	0.8	0.03	4.5	0.3	<0.05	8	0.7	<0.2
1115889	Soil		42	29	0.56	164	0.104	1	1.36	0.014	0.17	0.4	0.04	2.8	0.2	<0.05	6	0.5	<0.2
1115888	Soil		16	22	0.27	132	0.109	1	0.94	0.009	0.14	0.2	0.05	1.9	0.1	<0.05	8	<0.5	<0.2
1115887	Soil		8	13	0.12	96	0.072	1	0.62	0.011	0.06	0.2	0.05	1.1	<0.1	<0.05	6	<0.5	<0.2
1115886	Soil		5	6	0.09	65	0.045	<1	0.32	0.017	0.04	<0.1	0.03	0.6	<0.1	<0.05	4	<0.5	<0.2
1113600	Soil		22	29	0.46	105	0.105	2	1.91	0.008	0.09	0.2	0.06	2.6	0.1	<0.05	9	0.8	<0.2
1113599	Soil		23	34	0.54	167	0.097	3	2.61	0.011	0.07	0.2	0.05	3.4	0.1	<0.05	7	<0.5	<0.2
1113598	Soil		18	37	0.61	123	0.143	2	1.92	0.012	0.10	0.4	0.03	3.3	0.2	<0.05	10	<0.5	<0.2
1113596	Soil		54	31	0.78	306	0.142	2	1.94	0.018	0.30	0.5	0.05	3.9	0.3	<0.05	9	0.8	<0.2
1113597	Soil		20	22	0.34	78	0.100	2	1.12	0.014	0.11	0.9	0.06	2.1	0.2	<0.05	7	<0.5	<0.2
1113595	Soil		47	26	0.49	152	0.096	3	1.68	0.021	0.11	0.4	0.04	3.1	0.2	<0.05	7	0.7	<0.2
1113593	Soil		66	35	0.70	306	0.107	2	1.81	0.013	0.14	0.6	0.03	6.2	0.3	<0.05	6	0.6	<0.2
1113583	Soil		18	23	0.48	150	0.105	1	1.28	0.016	0.21	0.3	0.02	2.7	0.2	<0.05	6	<0.5	<0.2
1113591	Soil		79	38	0.88	331	0.105	3	2.47	0.013	0.16	0.4	0.06	3.8	0.3	<0.05	8	0.9	<0.2
1113584	Soil		31	45	1.00	213	0.210	1	2.65	0.011	0.55	0.5	0.02	5.3	0.5	<0.05	9	0.5	<0.2
1113585	Soil		34	44	0.95	224	0.207	1	2.99	0.011	0.43	0.6	0.02	4.5	0.4	<0.05	11	<0.5	<0.2
1113586	Soil		52	48	0.98	272	0.201	1	3.26	0.011	0.43	0.5	0.04	6.4	0.5	<0.05	11	<0.5	<0.2
1113588	Soil		19	15	0.13	42	0.045	2	1.30	0.020	0.04	<0.1	0.10	1.4	0.1	0.15	5	1.0	<0.2
1113590	Soil		54	33	0.65	252	0.111	3	1.85	0.019	0.17	0.4	0.05	3.1	0.2	<0.05	8	0.6	<0.2
1113589	Soil		28	33	0.81	243	0.101	2	1.81	0.019	0.23	0.8	0.06	2.8	0.3	0.07	8	<0.5	<0.2
1113587	Soil		33	35	0.80	154	0.132	1	2.07	0.020	0.20	0.4	0.03	3.5	0.4	<0.05	8	<0.5	<0.2
1113592	Soil		35	32	0.60	148	0.126	1	2.17	0.013	0.09	0.3	0.07	3.8	0.2	<0.05	8	0.7	<0.2
1113594	Soil		22	29	0.59	265	0.095	1	1.42	0.014	0.15	0.9	0.04	3.0	0.2	<0.05	6	<0.5	<0.2
1113500	Soil		15	38	0.75	104	0.135	1	2.24	0.014	0.21	0.2	0.03	3.5	0.3	<0.05	7	<0.5	<0.2
1115939	Soil		10	27	0.52	114	0.082	2	2.17	0.012	0.07	0.2	0.06	2.7	0.1	<0.05	6	<0.5	<0.2
1115941	Soil		12	26	0.51	119	0.100	2	1.88	0.011	0.09	0.2	0.03	3.1	0.2	<0.05	6	<0.5	<0.2
1115937	Soil		14	27	0.52	91	0.074	1	1.95	0.009	0.09	0.2	0.05	3.1	0.2	<0.05	6	<0.5	<0.2
1115940	Soil		9	23	0.39	85	0.067	1	1.52	0.008	0.07	0.1	0.04	1.7	0.1	<0.05	5	<0.5	<0.2

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

Project: ECH
Report Date: August 19, 2011

CERTIFICATE OF ANALYSIS DAW11000111.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1115938	Soil		0.9	18.4	9.5	57	<0.1	20.1	9.2	392	2.41	7.9	0.7	3.9	2.4	11	0.2	0.6	0.7	56	0.12	0.043
1113499	Soil		0.7	16.8	8.4	65	<0.1	20.3	9.7	376	2.95	4.8	1.2	1.2	3.4	12	<0.1	0.3	0.2	53	0.22	0.073
1115936	Soil		0.4	18.8	11.3	64	<0.1	19.7	9.3	360	2.64	4.6	1.9	2.0	5.4	22	0.1	0.3	0.2	52	0.40	0.075
1113487	Soil		0.6	30.7	14.1	71	<0.1	21.0	9.0	406	2.71	6.8	2.2	1.9	4.6	14	0.2	0.4	0.8	54	0.25	0.081
1126241	Soil		0.3	8.6	19.1	31	<0.1	5.5	2.8	159	0.90	2.5	2.3	0.6	12.3	6	<0.1	0.1	0.7	12	0.08	0.022
1115944	Soil		0.4	18.3	9.2	59	<0.1	17.3	8.0	381	2.21	5.1	1.0	2.0	3.5	15	0.2	0.4	0.6	48	0.25	0.076
1115950	Soil		0.3	14.8	5.7	46	<0.1	16.4	6.9	190	1.74	3.0	2.2	3.6	13.7	18	0.2	0.3	0.6	42	0.32	0.082
1115942	Soil		0.7	17.5	8.1	59	<0.1	17.0	7.5	321	2.28	6.4	0.6	3.7	1.8	13	0.2	0.5	0.3	55	0.19	0.062
1126239	Soil		0.6	22.7	8.1	57	<0.1	20.7	10.7	333	2.51	5.7	4.5	3.4	21.8	19	0.2	0.4	0.4	56	0.31	0.069
1115943	Soil		0.5	21.6	7.5	55	<0.1	20.2	7.9	343	2.27	6.2	0.9	1.8	3.8	16	0.1	0.4	0.3	53	0.25	0.069
1115947	Soil		0.9	12.3	8.3	45	<0.1	12.8	5.5	258	2.47	5.3	0.7	2.5	2.3	11	0.1	0.4	0.2	62	0.12	0.041
1115946	Soil		0.9	15.9	9.4	50	<0.1	15.9	7.3	278	2.58	6.5	1.0	1.6	3.1	12	0.1	0.5	0.3	61	0.14	0.046
1115948	Soil		0.7	13.1	7.8	48	<0.1	13.6	6.9	499	2.14	3.8	1.0	2.3	3.1	14	<0.1	0.3	0.5	53	0.16	0.047
1115949	Soil		0.5	14.8	8.2	44	<0.1	14.8	5.9	182	1.94	4.6	3.6	2.0	17.0	12	<0.1	0.3	0.3	42	0.19	0.054
1113489	Soil		0.6	18.7	9.3	57	<0.1	12.9	7.0	445	2.05	5.1	2.2	4.7	2.0	12	0.2	0.3	0.3	44	0.18	0.061
1113491	Soil		4.8	23.7	28.3	78	<0.1	13.5	9.4	727	2.27	7.2	10.9	2.5	6.7	16	0.2	0.4	1.2	33	0.25	0.087
1113490	Soil		0.7	21.5	9.3	53	<0.1	19.1	7.5	308	2.29	6.9	1.7	2.1	2.9	15	0.1	0.5	0.3	52	0.20	0.063
1113495	Soil		0.9	17.5	11.6	55	<0.1	19.0	8.6	376	2.61	8.2	0.5	2.0	1.9	11	0.1	0.5	0.4	56	0.12	0.039
1113496	Soil		0.6	21.8	8.8	52	<0.1	21.2	9.7	392	2.37	7.2	0.7	3.6	3.1	13	<0.1	0.5	0.2	52	0.16	0.039
1113498	Soil		0.5	22.7	12.0	69	<0.1	18.9	9.4	461	2.85	5.3	3.0	1.5	5.5	17	0.1	0.4	0.3	56	0.30	0.102
1115945	Soil		0.4	17.7	8.4	66	<0.1	16.9	7.8	443	2.22	4.4	1.5	2.3	5.2	17	0.2	0.3	0.5	51	0.26	0.077
1113497	Soil		0.5	18.2	15.5	66	<0.1	14.0	7.7	652	2.11	4.0	1.5	1.9	2.9	20	0.3	0.3	0.8	42	0.29	0.081
1113488	Soil		0.5	19.1	12.8	63	<0.1	14.6	7.4	418	2.26	4.4	4.4	3.5	6.7	14	0.1	0.3	0.3	48	0.26	0.082
1113492	Soil		0.6	21.4	12.5	68	<0.1	20.3	8.5	378	2.34	6.1	0.9	1.3	2.6	17	0.2	0.4	0.5	50	0.23	0.064
1113494	Soil		0.5	16.9	11.3	62	<0.1	17.4	7.8	334	2.46	5.7	0.8	8.6	2.2	15	0.2	0.3	0.7	50	0.22	0.084
1113486	Soil		1.9	26.8	12.4	72	0.1	18.3	9.2	409	2.85	8.2	3.8	1.0	0.5	12	0.3	0.6	0.2	60	0.14	0.092
1127114	Soil		0.9	9.1	12.8	35	<0.1	9.7	3.9	143	2.03	5.3	0.6	3.3	4.0	13	0.1	0.4	1.2	63	0.14	0.026
1127032	Soil		0.9	21.8	8.7	66	<0.1	18.6	7.1	234	2.75	5.6	2.9	1.6	17.3	18	<0.1	0.5	0.3	53	0.22	0.045
1127093	Soil		0.6	19.3	6.7	58	<0.1	18.7	7.7	229	2.34	4.8	2.5	2.8	13.1	15	0.1	0.4	1.3	49	0.23	0.055
1127104	Soil		0.4	19.7	10.9	58	<0.1	16.2	7.1	193	2.61	5.9	2.9	1.5	11.8	22	<0.1	0.4	0.5	54	0.27	0.057

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Project: ECH
Report Date: August 19, 2011

CERTIFICATE OF ANALYSIS DAW11000111.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1115938	Soil	10	27	0.44	97	0.072	1	1.93	0.011	0.05	0.2	0.03	2.5	0.1	<0.05	5	0.6	<0.2
1113499	Soil	13	37	0.63	84	0.119	1	1.91	0.009	0.21	0.1	0.04	3.1	0.3	<0.05	6	0.5	<0.2
1115936	Soil	16	39	0.75	136	0.115	1	1.81	0.011	0.31	0.2	<0.01	4.4	0.3	<0.05	6	<0.5	<0.2
1113487	Soil	15	27	0.63	117	0.091	<1	2.17	0.009	0.16	0.2	0.02	3.3	0.3	<0.05	6	<0.5	<0.2
1126241	Soil	50	7	0.16	59	0.004	<1	1.06	0.004	0.07	0.3	<0.01	0.9	0.1	<0.05	3	<0.5	<0.2
1115944	Soil	13	25	0.49	120	0.098	<1	1.70	0.010	0.14	0.1	0.03	2.8	0.3	<0.05	5	<0.5	<0.2
1115950	Soil	26	30	0.47	95	0.092	1	1.19	0.014	0.14	0.2	<0.01	3.1	0.2	<0.05	4	<0.5	<0.2
1115942	Soil	10	25	0.40	82	0.087	2	1.67	0.009	0.06	0.2	0.04	2.1	0.1	<0.05	6	0.6	<0.2
1126239	Soil	35	34	0.55	164	0.099	<1	1.57	0.012	0.18	0.3	0.02	4.5	0.2	<0.05	6	<0.5	<0.2
1115943	Soil	13	28	0.50	133	0.096	<1	1.67	0.010	0.09	0.1	0.02	3.0	0.2	<0.05	5	<0.5	<0.2
1115947	Soil	12	23	0.42	91	0.101	1	1.59	0.008	0.08	0.2	0.04	2.1	0.2	<0.05	8	<0.5	<0.2
1115946	Soil	14	27	0.53	86	0.096	<1	1.97	0.008	0.09	0.1	0.04	2.4	0.2	<0.05	7	<0.5	<0.2
1115948	Soil	13	24	0.41	112	0.077	<1	1.48	0.011	0.08	0.3	0.03	1.9	0.1	<0.05	6	<0.5	<0.2
1115949	Soil	38	23	0.40	82	0.067	<1	1.62	0.008	0.08	0.4	0.02	2.6	0.1	<0.05	5	0.5	<0.2
1113489	Soil	12	17	0.39	97	0.064	<1	1.30	0.015	0.07	0.2	0.03	1.8	0.2	<0.05	5	<0.5	<0.2
1113491	Soil	26	16	0.34	122	0.020	<1	1.29	0.007	0.10	0.2	0.02	2.5	0.3	<0.05	4	<0.5	<0.2
1113490	Soil	13	26	0.47	128	0.065	1	1.70	0.009	0.07	0.2	0.04	2.6	0.2	<0.05	5	<0.5	<0.2
1113495	Soil	9	27	0.46	85	0.066	<1	1.84	0.008	0.07	0.2	0.05	2.0	0.1	<0.05	6	<0.5	<0.2
1113496	Soil	9	26	0.50	103	0.076	1	1.71	0.012	0.07	0.2	0.05	2.7	0.1	<0.05	5	<0.5	<0.2
1113498	Soil	20	30	0.60	133	0.099	<1	1.70	0.011	0.15	0.3	0.02	4.1	0.2	<0.05	6	<0.5	<0.2
1115945	Soil	14	26	0.48	139	0.114	<1	1.64	0.011	0.20	0.1	0.02	3.3	0.3	<0.05	6	<0.5	<0.2
1113497	Soil	12	19	0.47	121	0.062	<1	1.73	0.009	0.17	0.1	<0.01	2.2	0.3	<0.05	6	<0.5	<0.2
1113488	Soil	16	22	0.50	103	0.077	1	1.64	0.008	0.15	0.1	0.02	3.0	0.3	<0.05	6	<0.5	<0.2
1113492	Soil	10	26	0.51	123	0.086	<1	1.83	0.010	0.10	0.1	0.03	2.6	0.2	<0.05	6	<0.5	<0.2
1113494	Soil	11	26	0.51	105	0.079	<1	1.72	0.010	0.09	0.1	0.04	2.2	0.1	<0.05	6	<0.5	<0.2
1113486	Soil	11	29	0.47	95	0.046	<1	1.74	0.009	0.06	0.1	0.05	1.4	0.2	0.08	7	0.6	<0.2
1127114	Soil	9	19	0.31	90	0.086	<1	1.13	0.006	0.05	0.1	0.04	1.6	0.1	<0.05	9	<0.5	<0.2
1127032	Soil	42	35	0.54	138	0.097	2	1.80	0.010	0.13	0.2	0.02	3.9	0.2	<0.05	7	<0.5	<0.2
1127093	Soil	41	27	0.57	119	0.090	<1	1.64	0.010	0.17	0.3	0.02	3.1	0.3	<0.05	6	0.5	<0.2
1127104	Soil	29	29	0.50	167	0.093	<1	1.80	0.009	0.13	0.1	0.03	3.8	0.3	<0.05	6	0.5	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1127103	Soil		0.3	19.5	10.6	61	<0.1	16.6	7.4	195	2.52	5.7	3.0	1.9	12.7	23	<0.1	0.4	0.5	56	0.29	0.057
1127101	Soil		0.7	22.9	10.8	56	<0.1	18.7	7.6	216	2.49	5.8	4.1	3.2	19.9	21	0.1	0.4	1.3	52	0.22	0.035
1127100	Soil		1.1	16.5	10.6	53	<0.1	15.0	6.7	262	2.62	4.8	2.7	0.9	9.1	13	0.1	0.4	2.0	55	0.14	0.042
1127096	Soil		0.8	16.9	7.7	55	<0.1	18.2	8.2	250	2.57	6.2	1.6	3.0	12.8	13	0.2	0.4	1.0	55	0.18	0.037
1127120	Soil		1.1	13.5	11.3	43	<0.1	11.8	5.9	301	2.68	4.2	1.9	2.0	9.5	13	0.1	0.4	0.7	46	0.15	0.037
1127117	Soil		1.1	10.9	14.0	48	<0.1	14.2	5.9	221	3.14	7.0	1.2	1.5	10.1	14	<0.1	0.4	1.2	58	0.15	0.024
1127121	Soil		0.7	16.9	12.1	46	<0.1	15.4	5.4	218	2.32	5.6	2.5	0.8	13.1	16	<0.1	0.3	0.9	39	0.26	0.035
1127119	Soil		1.3	15.6	15.4	52	<0.1	16.4	7.3	242	2.65	9.5	1.2	1.1	4.7	10	0.3	0.6	0.9	69	0.11	0.021
1114446	Soil		0.6	18.2	6.8	58	<0.1	18.1	7.6	264	2.40	6.0	2.7	2.9	18.3	15	0.1	0.4	0.5	45	0.19	0.041
1127095	Soil		0.9	16.4	7.7	58	<0.1	18.0	8.4	296	2.70	7.6	2.6	3.7	15.3	12	0.1	0.5	2.0	55	0.14	0.031
1127094	Soil		1.0	19.0	7.9	62	<0.1	21.1	9.1	333	2.77	7.7	4.2	4.0	19.6	12	<0.1	0.5	2.3	57	0.16	0.030
1114447	Soil		0.9	14.7	7.3	53	<0.1	16.7	6.3	196	2.65	6.1	1.5	2.7	10.8	13	0.3	0.4	1.0	53	0.15	0.035
1114445	Soil		0.9	13.0	7.1	56	<0.1	16.2	6.8	213	2.75	6.1	1.9	1.8	16.7	10	0.1	0.4	1.1	47	0.13	0.035
1127111	Soil		0.5	16.8	8.9	57	<0.1	20.2	9.0	206	2.56	6.3	2.0	2.2	7.3	16	<0.1	0.3	1.2	54	0.22	0.044
1127105	Soil		0.5	16.1	8.8	53	<0.1	18.9	8.9	196	2.36	6.5	1.2	3.3	5.8	17	0.2	0.4	0.7	53	0.25	0.057
1127109	Soil		0.7	24.0	8.7	62	<0.1	22.4	9.5	325	2.62	7.5	1.6	3.4	5.5	16	0.1	0.5	0.3	57	0.23	0.057
1127112	Soil		0.7	13.6	7.9	51	<0.1	16.9	7.2	221	2.31	5.3	1.4	3.6	6.3	14	0.2	0.3	1.3	48	0.16	0.039
1127110	Soil		0.6	22.0	8.2	57	<0.1	20.2	7.5	245	2.50	7.1	2.4	<0.5	9.0	21	<0.1	0.5	0.5	55	0.26	0.050
1127107	Soil		1.1	8.9	9.4	33	<0.1	10.3	4.8	155	1.50	3.0	0.8	1.6	2.3	9	0.1	0.2	0.2	49	0.09	0.028
1127108	Soil		0.7	20.2	8.3	62	<0.1	17.4	9.6	358	2.51	5.7	1.6	2.3	5.7	12	0.1	0.3	0.2	57	0.18	0.059
1127106	Soil		0.7	21.3	9.8	66	<0.1	19.3	9.4	297	2.67	8.1	2.1	1.4	8.1	16	0.1	0.3	0.3	60	0.23	0.057
1127102	Soil		0.5	18.4	6.8	51	<0.1	23.3	8.1	229	2.47	5.3	2.3	1.8	12.0	23	<0.1	0.4	0.3	54	0.33	0.055
1127097	Soil		0.8	18.0	7.8	62	<0.1	22.8	9.8	314	3.04	7.1	1.8	1.1	10.1	17	0.2	0.4	0.8	68	0.22	0.034
1127113	Soil		1.0	7.6	10.6	26	0.2	6.3	2.6	100	1.69	4.1	1.1	0.7	1.7	10	<0.1	0.3	2.1	54	0.09	0.032
1127116	Soil		0.7	20.6	9.0	53	<0.1	20.9	10.0	252	2.75	5.3	3.0	2.7	11.1	14	<0.1	0.4	0.8	56	0.20	0.038
1127115	Soil		0.8	16.4	12.1	60	<0.1	19.2	7.9	221	2.80	7.6	2.2	2.1	10.2	13	0.2	0.5	1.4	55	0.17	0.042
1127118	Soil		0.9	10.6	22.1	33	0.1	9.9	4.1	127	2.30	7.0	1.4	5.7	6.3	12	0.2	0.4	1.0	53	0.11	0.025
1127098	Soil		1.1	22.7	8.3	68	<0.1	19.3	10.0	367	3.14	5.7	5.5	2.7	17.8	20	0.2	0.4	1.5	64	0.28	0.065
1127099	Soil		1.6	21.5	8.9	42	0.1	13.0	4.6	186	2.14	5.0	8.6	2.5	8.0	21	0.2	0.4	1.6	56	0.20	0.057
1126329	Soil		0.9	7.7	10.4	40	0.1	9.5	4.6	264	2.05	6.5	0.9	2.8	1.8	11	0.1	0.3	0.7	53	0.11	0.034

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

Project: ECH
Report Date: August 19, 2011

CERTIFICATE OF ANALYSIS DAW11000111.1

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1127103	Soil	32	30	0.53	172	0.097	<1	1.84	0.010	0.13	0.1	0.01	3.8	0.3	<0.05	6	<0.5	<0.2
1127101	Soil	44	33	0.50	168	0.090	<1	1.82	0.010	0.13	0.2	0.02	4.2	0.2	<0.05	7	<0.5	<0.2
1127100	Soil	29	31	0.46	107	0.080	1	1.75	0.009	0.10	0.2	0.04	2.8	0.2	<0.05	7	<0.5	<0.2
1127096	Soil	18	28	0.52	123	0.092	<1	1.72	0.010	0.12	0.3	0.02	2.8	0.2	<0.05	6	<0.5	<0.2
1127120	Soil	21	19	0.25	144	0.052	<1	1.39	0.007	0.05	0.1	0.02	2.3	0.1	<0.05	7	<0.5	<0.2
1127117	Soil	18	28	0.38	89	0.076	1	1.79	0.006	0.05	0.2	0.03	2.0	0.1	<0.05	8	<0.5	<0.2
1127121	Soil	33	24	0.39	169	0.036	<1	1.24	0.007	0.06	0.1	0.02	3.5	<0.1	<0.05	4	<0.5	<0.2
1127119	Soil	11	26	0.44	82	0.077	<1	1.67	0.006	0.06	0.2	0.03	2.6	0.1	<0.05	7	<0.5	<0.2
1114446	Soil	48	27	0.44	117	0.081	<1	1.50	0.008	0.10	0.2	0.02	3.3	0.1	<0.05	6	<0.5	<0.2
1127095	Soil	29	27	0.51	106	0.093	2	1.66	0.008	0.11	0.3	0.03	2.7	0.2	<0.05	6	<0.5	<0.2
1127094	Soil	48	28	0.55	111	0.099	2	1.78	0.009	0.12	0.2	0.04	3.5	0.3	<0.05	6	<0.5	<0.2
1114447	Soil	16	30	0.49	80	0.098	<1	1.53	0.009	0.12	0.2	0.06	2.7	0.2	<0.05	7	<0.5	<0.2
1114445	Soil	40	29	0.43	75	0.081	<1	1.83	0.008	0.13	0.2	0.05	2.8	0.2	<0.05	7	0.6	<0.2
1127111	Soil	21	34	0.61	119	0.113	<1	1.89	0.009	0.12	0.2	0.04	3.3	0.3	<0.05	6	<0.5	<0.2
1127105	Soil	16	29	0.55	142	0.103	<1	1.72	0.009	0.14	0.2	0.02	3.0	0.2	<0.05	6	<0.5	<0.2
1127109	Soil	18	30	0.60	119	0.124	1	1.88	0.009	0.15	0.2	0.04	3.5	0.2	<0.05	6	<0.5	<0.2
1127112	Soil	16	30	0.52	97	0.100	2	1.54	0.008	0.12	0.1	0.03	2.3	0.2	<0.05	6	<0.5	<0.2
1127110	Soil	26	34	0.52	166	0.097	2	1.70	0.010	0.09	0.2	0.03	4.2	0.1	<0.05	5	<0.5	<0.2
1127107	Soil	6	25	0.41	67	0.141	<1	1.07	0.010	0.10	0.2	0.04	1.5	0.2	<0.05	7	<0.5	<0.2
1127108	Soil	15	28	0.64	109	0.143	<1	1.66	0.009	0.20	0.2	0.02	3.1	0.3	<0.05	6	<0.5	<0.2
1127106	Soil	23	33	0.65	154	0.146	<1	1.86	0.009	0.27	0.2	0.02	4.1	0.4	<0.05	6	<0.5	<0.2
1127102	Soil	35	34	0.70	161	0.109	<1	1.70	0.012	0.24	0.2	0.03	4.1	0.3	<0.05	6	0.6	<0.2
1127097	Soil	26	38	0.70	128	0.131	<1	1.71	0.010	0.18	0.2	0.04	3.1	0.2	<0.05	7	<0.5	<0.2
1127113	Soil	8	14	0.10	78	0.059	1	0.87	0.006	0.03	0.1	0.04	1.1	0.1	<0.05	6	<0.5	<0.2
1127116	Soil	33	37	0.58	106	0.096	<1	1.80	0.010	0.08	0.1	0.03	3.3	0.1	<0.05	6	<0.5	<0.2
1127115	Soil	25	29	0.52	104	0.080	<1	2.09	0.008	0.08	0.2	0.06	3.0	0.1	<0.05	6	<0.5	<0.2
1127118	Soil	15	24	0.28	82	0.055	2	1.71	0.006	0.04	0.2	0.06	2.3	<0.1	<0.05	7	<0.5	<0.2
1127098	Soil	57	36	0.68	155	0.133	1	1.99	0.012	0.27	0.3	0.04	4.7	0.4	<0.05	8	<0.5	<0.2
1127099	Soil	154	20	0.28	200	0.084	2	1.25	0.009	0.15	0.1	0.04	3.1	0.2	0.06	8	0.8	<0.2
1126329	Soil	8	17	0.29	89	0.077	<1	1.08	0.009	0.06	0.2	0.03	1.5	<0.1	<0.05	7	<0.5	<0.2

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

Project: ECH
Report Date: August 19, 2011

CERTIFICATE OF ANALYSIS DAW11000111.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1126318	Soil	1.0	17.4	14.7	58	<0.1	18.9	9.4	467	2.47	8.4	4.8	3.8	3.5	19	0.2	0.4	1.3	57	0.25	0.057
1126325	Soil	1.4	22.1	18.9	71	0.3	22.4	10.2	350	3.31	10.5	9.8	2.7	3.3	24	0.2	0.4	2.1	67	0.21	0.050
1126322	Soil	0.5	17.5	11.7	54	<0.1	17.5	7.9	209	2.26	6.2	2.6	3.0	2.2	22	0.2	0.4	0.9	51	0.26	0.057
1126332	Soil	0.9	11.9	12.5	50	0.1	13.9	5.4	232	1.84	4.8	3.1	2.0	0.7	21	0.3	0.2	1.0	45	0.19	0.046
1126328	Soil	1.1	9.2	13.4	44	<0.1	12.5	5.8	249	3.11	9.0	0.9	4.0	2.7	12	0.2	0.4	0.8	73	0.10	0.027
1126326	Soil	1.1	8.1	11.8	42	<0.1	10.8	5.1	208	2.15	6.7	1.2	1.3	3.0	11	<0.1	0.3	0.8	57	0.11	0.032
1126324	Soil	0.9	11.3	15.3	64	<0.1	17.3	11.4	618	2.67	8.5	2.4	2.2	1.9	18	0.2	0.3	1.4	59	0.21	0.057
1126334	Soil	0.8	12.4	13.9	54	<0.1	14.8	7.6	459	2.23	5.9	3.1	1.2	0.9	19	0.2	0.3	1.2	51	0.19	0.061
1126317	Soil	0.9	13.5	14.2	65	<0.1	18.6	10.3	558	2.61	8.6	4.0	6.9	3.3	17	0.3	0.4	1.5	58	0.19	0.051
1126333	Soil	0.8	14.2	15.1	57	0.2	15.8	7.8	403	2.29	5.9	5.9	0.7	0.7	19	0.1	0.3	1.3	49	0.19	0.065
1126331	Soil	0.8	9.9	14.0	52	<0.1	13.4	6.8	284	2.87	8.4	1.0	4.7	2.9	12	0.1	0.3	0.7	71	0.12	0.037
1126308	Soil	0.6	19.8	9.0	59	<0.1	19.1	8.4	355	2.38	9.6	3.6	2.5	3.0	18	0.2	0.4	0.4	52	0.27	0.066
1126319	Soil	0.9	12.5	8.0	41	<0.1	13.4	6.4	332	1.72	8.1	2.0	1.3	1.1	12	0.2	0.2	0.7	42	0.13	0.044
1126320	Soil	0.9	12.6	10.4	47	<0.1	14.8	6.1	164	2.37	9.3	2.0	2.8	1.1	16	0.1	0.3	0.8	59	0.16	0.043
1126323	Soil	0.5	16.1	7.5	63	<0.1	17.7	8.4	300	2.29	8.0	2.7	1.6	3.1	19	0.2	0.4	0.7	51	0.31	0.073
1126310	Soil	0.7	14.9	12.1	65	0.1	16.7	9.2	324	2.56	10.1	5.3	3.4	1.5	14	0.2	0.3	0.8	61	0.19	0.065
1126303	Soil	0.8	10.5	9.4	56	<0.1	13.8	9.1	389	2.43	9.3	1.1	0.9	1.0	12	0.2	0.3	0.4	57	0.15	0.043
1126313	Soil	0.5	14.9	12.7	52	0.2	14.6	6.0	169	2.02	7.3	7.3	<0.5	0.8	17	<0.1	0.3	1.1	43	0.18	0.053
1126321	Soil	1.1	12.8	8.4	48	<0.1	13.3	9.1	421	2.74	12.4	1.5	1.6	3.0	11	0.1	0.4	0.7	62	0.17	0.056
1126304	Soil	0.7	12.0	9.0	54	<0.1	14.1	6.3	216	2.29	8.4	1.3	0.8	0.7	13	<0.1	0.3	0.4	53	0.17	0.060
1126306	Soil	0.9	11.6	10.3	61	<0.1	15.8	8.6	289	2.51	8.0	3.9	<0.5	1.2	15	<0.1	0.3	0.5	56	0.20	0.061
1126311	Soil	0.8	13.0	13.5	61	<0.1	17.2	9.2	289	2.89	10.6	2.9	1.1	2.4	18	0.2	0.3	0.9	59	0.25	0.068
1126330	Soil	0.8	11.4	10.0	35	0.1	9.5	4.7	154	1.70	6.8	2.1	<0.5	1.2	10	0.3	0.2	0.4	38	0.09	0.031
1126327	Soil	1.1	10.5	11.7	41	<0.1	13.2	6.2	260	2.91	11.1	0.7	<0.5	2.0	9	0.2	0.4	0.6	76	0.10	0.032
1126302	Soil	1.2	8.7	7.7	39	<0.1	10.1	4.6	214	1.67	6.8	1.4	<0.5	0.4	11	0.1	0.3	0.4	48	0.13	0.043
1126309	Soil	1.1	12.7	10.4	57	<0.1	16.2	10.2	563	2.46	7.3	31.9	<0.5	1.4	22	<0.1	0.2	0.5	54	0.32	0.066
1126316	Soil	0.8	10.9	10.0	44	<0.1	12.7	6.5	322	2.05	8.0	2.0	1.4	1.4	10	0.1	0.2	1.1	51	0.14	0.046
1126314	Soil	0.8	14.1	14.3	57	0.2	16.8	7.5	274	2.39	9.1	6.0	<0.5	0.8	20	0.2	0.3	1.7	50	0.21	0.054
1126301	Soil	0.6	8.4	7.7	46	0.1	11.6	4.2	118	1.76	6.6	1.9	<0.5	0.4	14	0.1	0.2	0.4	41	0.18	0.064
1126305	Soil	0.7	13.7	9.0	59	<0.1	15.2	6.7	210	2.31	7.7	1.6	0.6	0.7	15	0.1	0.3	0.5	53	0.19	0.058

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1126318	Soil	11	30	0.47	182	0.071	2	1.82	0.012	0.07	0.2	0.04	3.2	0.1	<0.05	5	<0.5	<0.2
1126325	Soil	14	35	0.48	274	0.060	1	3.09	0.015	0.09	0.1	0.07	5.0	0.2	<0.05	8	<0.5	<0.2
1126322	Soil	13	28	0.49	182	0.068	<1	1.79	0.011	0.05	0.1	0.04	2.9	0.1	<0.05	5	<0.5	<0.2
1126332	Soil	10	22	0.34	175	0.054	2	1.53	0.012	0.06	0.2	0.05	1.7	0.1	<0.05	6	<0.5	<0.2
1126328	Soil	8	21	0.34	108	0.094	2	1.60	0.010	0.06	0.2	0.03	1.9	0.1	<0.05	8	<0.5	<0.2
1126326	Soil	8	18	0.33	84	0.097	1	1.21	0.008	0.07	0.2	0.03	1.9	0.1	<0.05	7	<0.5	<0.2
1126324	Soil	10	28	0.46	149	0.062	2	1.97	0.011	0.08	0.1	0.04	2.3	0.1	<0.05	6	<0.5	<0.2
1126334	Soil	10	25	0.39	170	0.044	2	1.68	0.009	0.06	0.1	0.06	2.0	0.1	<0.05	5	<0.5	<0.2
1126317	Soil	11	30	0.45	162	0.064	1	1.97	0.009	0.07	0.1	0.03	2.6	0.1	<0.05	6	<0.5	<0.2
1126333	Soil	12	27	0.43	185	0.049	1	1.97	0.011	0.05	0.1	0.06	2.2	0.1	0.06	6	<0.5	<0.2
1126331	Soil	8	21	0.39	76	0.091	2	1.73	0.011	0.06	0.2	0.03	2.0	<0.1	<0.05	8	<0.5	<0.2
1126308	Soil	12	30	0.50	185	0.079	2	1.70	0.010	0.07	0.1	0.02	3.3	0.1	<0.05	5	<0.5	<0.2
1126319	Soil	5	21	0.21	145	0.046	1	1.26	0.012	0.06	0.1	0.03	1.6	<0.1	<0.05	4	<0.5	<0.2
1126320	Soil	8	25	0.34	146	0.051	2	1.70	0.009	0.05	0.1	0.03	1.9	0.1	<0.05	6	<0.5	<0.2
1126323	Soil	11	27	0.45	175	0.080	2	1.50	0.012	0.09	0.2	0.02	2.7	0.1	<0.05	4	<0.5	<0.2
1126310	Soil	10	33	0.45	167	0.048	1	2.02	0.009	0.06	0.2	0.05	3.0	0.2	<0.05	6	0.6	<0.2
1126303	Soil	9	28	0.39	104	0.066	2	1.50	0.008	0.06	0.2	0.03	1.7	0.1	<0.05	6	<0.5	<0.2
1126313	Soil	10	26	0.35	168	0.037	1	1.74	0.012	0.06	0.1	0.04	2.8	0.1	<0.05	5	0.5	<0.2
1126321	Soil	9	24	0.36	109	0.084	2	1.38	0.009	0.08	0.2	0.02	2.0	0.1	<0.05	5	<0.5	<0.2
1126304	Soil	8	28	0.40	96	0.059	2	1.60	0.009	0.07	0.1	0.03	1.7	0.2	<0.05	6	<0.5	<0.2
1126306	Soil	10	28	0.43	121	0.059	<1	1.76	0.010	0.07	0.1	0.03	2.0	0.2	<0.05	6	<0.5	<0.2
1126311	Soil	11	30	0.43	159	0.061	2	1.86	0.010	0.07	0.1	0.04	3.1	0.2	<0.05	5	<0.5	<0.2
1126330	Soil	9	17	0.22	95	0.060	<1	1.44	0.013	0.06	0.1	0.03	1.7	0.1	<0.05	5	<0.5	<0.2
1126327	Soil	8	25	0.32	69	0.093	1	1.68	0.009	0.06	0.2	0.02	1.7	<0.1	<0.05	7	<0.5	<0.2
1126302	Soil	8	22	0.25	74	0.051	2	0.99	0.010	0.05	0.1	0.03	0.9	<0.1	<0.05	5	<0.5	<0.2
1126309	Soil	11	29	0.43	151	0.053	1	1.90	0.013	0.05	0.1	0.03	3.0	0.2	<0.05	6	<0.5	<0.2
1126316	Soil	8	22	0.27	104	0.054	<1	1.39	0.009	0.05	0.1	0.02	1.7	<0.1	<0.05	5	<0.5	<0.2
1126314	Soil	9	26	0.33	193	0.038	1	2.02	0.013	0.06	<0.1	0.05	2.4	0.1	<0.05	5	<0.5	<0.2
1126301	Soil	8	22	0.32	91	0.043	1	1.31	0.010	0.06	0.1	0.04	1.0	0.1	<0.05	5	<0.5	<0.2
1126305	Soil	9	28	0.43	117	0.068	<1	1.73	0.010	0.07	0.1	0.03	2.1	0.2	<0.05	6	0.5	<0.2

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

Project: ECH
Report Date: August 19, 2011

CERTIFICATE OF ANALYSIS DAW11000111.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1126312	Soil	1.0	18.4	17.3	64	0.2	20.0	14.8	949	2.77	9.3	8.5	1.0	1.2	24	0.1	0.3	1.4	58	0.35	0.063
1126315	Soil	1.0	20.6	15.7	64	0.2	19.9	10.3	515	2.69	10.3	11.6	1.2	1.0	24	0.2	0.3	1.9	60	0.28	0.073
1126307	Soil	0.6	11.9	10.6	63	<0.1	16.7	10.5	446	2.38	7.4	9.2	2.2	1.3	24	0.1	0.3	0.5	54	0.35	0.061
1126240	Soil	0.6	18.5	7.6	55	<0.1	17.7	6.6	192	2.18	6.5	2.5	3.1	12.1	11	0.1	0.4	0.3	47	0.19	0.058

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Project: ECH
Report Date: August 19, 2011

CERTIFICATE OF ANALYSIS DAW11000111.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1126312	Soil	11	33	0.43	237	0.045	1	2.46	0.012	0.07	0.1	0.05	3.3	0.2	<0.05	6	<0.5	<0.2
1126315	Soil	12	34	0.40	253	0.050	1	2.39	0.015	0.08	0.2	0.07	3.7	0.2	<0.05	7	0.6	<0.2
1126307	Soil	10	28	0.44	140	0.059	<1	1.84	0.013	0.08	0.1	0.03	2.3	0.2	<0.05	6	<0.5	<0.2
1126240	Soil	20	29	0.42	86	0.065	1	1.94	0.008	0.08	0.3	0.06	2.9	0.1	<0.05	5	<0.5	<0.2

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Project: ECH
Report Date: August 19, 2011

QUALITY CONTROL REPORT DAW11000111.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1125084	Soil	0.7	25.4	43.3	83	<0.1	22.7	10.2	886	2.69	7.5	32.8	2.9	4.2	27	0.2	0.6	0.9	46	0.31	0.096
REP 1125084	QC	0.7	25.6	43.8	83	<0.1	23.3	10.2	874	2.69	7.1	32.4	1.7	4.3	26	0.1	0.5	1.1	46	0.31	0.093
1114774	Soil	1.7	16.6	13.4	53	<0.1	16.8	7.3	359	2.68	7.8	2.0	4.4	3.9	12	0.2	0.6	0.6	61	0.16	0.062
REP 1114774	QC	1.6	16.5	13.7	54	<0.1	16.5	7.2	353	2.71	7.5	1.9	3.6	3.9	12	0.2	0.5	0.6	61	0.15	0.063
1114783	Soil	1.5	16.8	18.4	59	<0.1	17.4	8.9	314	2.91	8.5	2.8	1.9	3.8	16	0.3	0.5	1.6	56	0.16	0.038
REP 1114783	QC	1.4	17.1	19.0	56	<0.1	17.1	9.0	317	2.95	8.3	2.7	1.4	3.7	15	0.2	0.4	1.6	55	0.15	0.039
1127654	Soil	0.7	28.2	9.0	58	<0.1	25.4	9.8	369	2.71	6.2	1.2	2.7	4.6	14	<0.1	0.4	0.2	57	0.22	0.045
REP 1127654	QC	0.7	27.1	8.9	57	<0.1	23.6	9.9	353	2.62	6.3	1.2	1.0	4.7	14	<0.1	0.4	0.4	57	0.23	0.042
1127672	Soil	1.2	17.4	15.5	53	<0.1	23.0	9.4	335	3.25	10.0	0.9	3.7	2.5	11	0.2	0.7	0.8	73	0.13	0.037
REP 1127672	QC	1.3	17.5	15.8	53	<0.1	22.0	9.3	329	3.13	10.3	0.9	3.9	2.6	11	0.1	0.7	0.8	75	0.12	0.036
1127586	Soil	1.1	19.0	12.1	51	<0.1	16.7	7.8	391	2.78	7.1	2.4	2.4	2.1	11	0.3	0.7	0.6	57	0.11	0.080
REP 1127586	QC	1.3	18.5	12.3	51	<0.1	15.9	7.7	381	2.72	7.0	2.5	1.9	1.9	11	<0.1	0.7	0.6	57	0.11	0.080
1127591	Soil	0.7	19.2	7.7	50	<0.1	14.1	6.2	238	2.28	7.8	1.1	1.6	1.8	12	<0.1	0.6	0.3	49	0.12	0.048
REP 1127591	QC	0.7	18.7	8.0	48	<0.1	14.0	6.1	241	2.32	7.7	1.1	1.5	1.7	14	0.1	0.4	0.2	50	0.14	0.050
1114409	Soil	0.5	12.3	15.2	44	<0.1	15.4	7.6	268	2.13	4.0	1.7	4.7	6.2	13	<0.1	0.3	0.7	43	0.13	0.025
REP 1114409	QC	0.5	12.8	15.6	45	<0.1	16.3	7.7	281	2.20	4.0	1.6	5.0	6.4	14	<0.1	0.4	0.8	44	0.13	0.027
1127017	Soil	1.3	15.0	10.5	60	<0.1	13.1	6.8	394	2.62	5.1	0.9	5.7	1.2	14	<0.1	0.5	0.2	63	0.12	0.052
REP 1127017	QC	1.3	15.1	10.2	57	<0.1	12.6	6.7	375	2.51	4.8	0.9	4.7	1.3	14	<0.1	0.4	0.2	63	0.12	0.051
1127025	Soil	0.5	11.8	7.2	52	<0.1	17.4	8.8	241	2.47	3.7	1.3	3.1	5.7	17	<0.1	0.2	0.2	55	0.23	0.061
REP 1127025	QC	0.6	11.6	7.5	52	<0.1	16.9	9.0	255	2.50	4.0	1.4	2.7	6.0	18	<0.1	0.3	0.2	56	0.24	0.065
1127090	Soil	2.0	14.6	11.5	70	<0.1	15.1	8.1	433	3.56	10.1	2.5	2.1	21.9	14	0.1	0.4	0.5	75	0.14	0.022
REP 1127090	QC	1.9	15.0	10.9	68	<0.1	15.5	8.4	423	3.52	10.0	2.4	3.1	21.0	14	0.1	0.5	0.5	75	0.14	0.021
1127058	Soil	0.7	20.2	7.7	63	<0.1	23.9	8.7	293	2.60	5.0	2.1	2.6	13.6	26	0.1	0.4	0.3	55	0.32	0.053
REP 1127058	QC	0.6	19.7	7.8	62	<0.1	24.0	8.4	318	2.59	4.8	2.2	5.7	13.9	26	<0.1	0.5	0.3	55	0.32	0.052
1126285	Soil	0.7	19.4	6.2	75	<0.1	16.9	11.4	587	3.12	4.4	6.4	1.8	19.2	21	0.2	0.3	0.5	55	0.50	0.185
REP 1126285	QC	0.7	19.2	6.4	74	<0.1	17.1	10.9	575	3.08	4.1	6.3	2.2	19.5	22	0.2	0.3	0.4	54	0.51	0.174
1126232	Soil	1.5	49.2	8.0	63	<0.1	19.2	7.6	348	2.32	5.2	7.5	2.1	17.0	18	0.2	0.4	0.3	49	0.23	0.069
REP 1126232	QC	1.6	47.9	7.8	61	<0.1	18.5	7.1	339	2.24	5.1	7.3	2.4	16.6	17	0.2	0.4	0.3	49	0.24	0.071

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Project: ECH
Report Date: August 19, 2011

QUALITY CONTROL REPORT DAW11000111.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1125084	Soil	15	25	0.47	150	0.049	1	1.73	0.014	0.08	0.1	0.05	2.8	0.1	<0.05	4	<0.5	<0.2
REP 1125084	QC	15	25	0.46	152	0.049	1	1.70	0.013	0.08	0.1	0.06	2.8	0.1	<0.05	4	<0.5	<0.2
1114774	Soil	11	26	0.37	83	0.076	1	1.53	0.010	0.07	0.2	0.03	2.2	0.2	<0.05	7	<0.5	<0.2
REP 1114774	QC	11	26	0.37	86	0.073	1	1.51	0.010	0.07	0.2	0.03	2.2	0.1	<0.05	6	<0.5	<0.2
1114783	Soil	9	25	0.35	115	0.057	1	2.11	0.011	0.07	0.2	0.05	2.6	0.1	<0.05	6	<0.5	<0.2
REP 1114783	QC	8	25	0.35	115	0.051	<1	2.11	0.010	0.06	0.2	0.04	2.4	0.1	<0.05	6	<0.5	<0.2
1127654	Soil	15	30	0.56	111	0.091	1	1.97	0.011	0.08	0.2	0.03	3.4	0.1	<0.05	5	<0.5	<0.2
REP 1127654	QC	15	30	0.56	106	0.095	1	1.91	0.012	0.08	0.2	0.03	3.1	0.1	<0.05	6	<0.5	<0.2
1127672	Soil	9	31	0.43	82	0.088	2	2.42	0.010	0.06	0.2	0.05	2.8	<0.1	<0.05	7	<0.5	<0.2
REP 1127672	QC	9	32	0.40	82	0.091	2	2.35	0.009	0.06	0.2	0.05	2.8	0.1	<0.05	7	<0.5	<0.2
1127586	Soil	23	25	0.40	90	0.062	2	1.70	0.009	0.14	0.1	0.04	1.8	0.2	0.08	8	0.6	<0.2
REP 1127586	QC	23	25	0.39	89	0.064	2	1.70	0.009	0.14	<0.1	0.05	1.7	0.2	0.08	8	<0.5	<0.2
1127591	Soil	12	22	0.39	75	0.065	<1	1.54	0.010	0.07	0.1	0.03	1.6	0.1	<0.05	6	0.6	<0.2
REP 1127591	QC	13	22	0.40	78	0.069	<1	1.54	0.011	0.07	0.1	0.02	1.7	0.2	<0.05	6	<0.5	<0.2
1114409	Soil	13	24	0.39	82	0.057	1	1.83	0.009	0.07	0.1	0.05	2.2	0.1	<0.05	5	<0.5	<0.2
REP 1114409	QC	13	25	0.41	85	0.061	<1	1.87	0.010	0.07	0.1	0.05	2.4	0.1	<0.05	5	<0.5	<0.2
1127017	Soil	9	24	0.41	99	0.098	<1	1.23	0.012	0.10	0.2	0.06	1.4	0.1	0.05	8	<0.5	<0.2
REP 1127017	QC	9	24	0.39	98	0.092	<1	1.18	0.012	0.09	0.3	0.03	1.4	0.1	<0.05	8	<0.5	<0.2
1127025	Soil	17	34	0.71	135	0.114	<1	1.59	0.014	0.24	0.3	0.02	3.0	0.2	<0.05	6	<0.5	<0.2
REP 1127025	QC	18	36	0.71	138	0.117	2	1.65	0.015	0.23	0.3	0.04	3.2	0.2	<0.05	6	<0.5	<0.2
1127090	Soil	33	33	0.48	127	0.116	1	1.88	0.009	0.10	0.3	<0.01	3.5	0.2	<0.05	10	0.6	<0.2
REP 1127090	QC	32	32	0.47	125	0.111	<1	2.00	0.009	0.10	0.3	<0.01	3.6	0.2	<0.05	10	<0.5	<0.2
1127058	Soil	34	43	0.70	157	0.124	1	1.69	0.014	0.20	0.2	0.01	4.3	0.3	<0.05	6	<0.5	<0.2
REP 1127058	QC	33	43	0.68	156	0.128	<1	1.67	0.015	0.20	0.2	0.02	4.6	0.3	<0.05	6	0.6	<0.2
1126285	Soil	42	26	0.64	165	0.151	1	1.76	0.016	0.38	0.9	0.03	4.4	0.5	<0.05	8	1.3	<0.2
REP 1126285	QC	42	27	0.64	165	0.147	2	1.77	0.016	0.37	0.8	0.02	4.5	0.4	<0.05	8	<0.5	<0.2
1126232	Soil	33	26	0.37	165	0.095	<1	1.46	0.011	0.08	0.2	0.02	3.7	0.1	<0.05	5	<0.5	<0.2
REP 1126232	QC	33	26	0.37	157	0.096	1	1.45	0.010	0.08	0.3	0.02	3.7	0.1	<0.05	5	<0.5	<0.2

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

Project: ECH
Report Date: August 19, 2011

QUALITY CONTROL REPORT DAW11000111.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1115067	Soil	0.7	14.6	10.4	54	<0.1	17.1	7.0	319	2.07	4.4	1.9	1.7	2.8	17	0.2	0.4	0.6	44	0.25	0.053
REP 1115067	QC	0.7	14.3	9.8	52	<0.1	16.6	6.8	308	2.00	4.4	2.0	0.6	2.7	16	0.2	0.4	0.4	43	0.26	0.056
1127862	Soil	1.0	19.1	9.7	91	0.1	23.9	15.0	413	4.19	3.9	2.9	0.7	22.5	16	0.1	0.2	0.6	91	0.40	0.103
REP 1127862	QC	0.8	19.2	9.8	93	<0.1	24.5	15.7	421	4.48	4.2	3.1	2.4	22.6	16	0.1	0.2	0.6	95	0.41	0.107
1127858	Soil	1.5	18.7	24.8	91	0.2	21.5	18.8	708	4.51	6.5	3.4	2.6	24.2	17	0.1	0.3	0.6	94	0.35	0.100
REP 1127858	QC	1.4	18.5	24.4	91	0.1	20.8	18.6	710	4.41	6.8	3.4	1.2	23.5	17	0.2	0.3	0.6	98	0.35	0.102
1125048	Soil	0.7	23.0	8.5	58	<0.1	33.2	14.3	474	2.81	6.0	1.5	2.9	4.0	17	0.1	0.5	0.5	68	0.25	0.047
REP 1125048	QC	0.6	21.4	8.0	57	<0.1	30.5	13.9	458	2.82	5.6	1.5	0.8	3.8	16	0.2	0.4	0.4	67	0.24	0.048
1125037	Soil	1.1	26.8	12.2	76	<0.1	30.5	17.8	696	4.11	3.9	7.8	0.8	5.8	25	0.1	0.3	2.2	87	0.49	0.117
REP 1125037	QC	1.1	26.0	12.0	73	<0.1	31.1	18.7	698	4.21	4.1	7.9	2.1	5.8	25	0.2	0.3	2.2	88	0.49	0.115
1126210	Soil	0.9	26.7	10.5	73	<0.1	31.3	15.0	646	3.82	7.8	2.6	0.9	10.3	19	0.2	0.7	0.3	67	0.28	0.102
REP 1126210	QC	1.1	26.5	10.5	71	<0.1	29.7	14.8	650	3.79	7.4	2.7	2.5	10.6	19	0.2	0.6	0.3	67	0.29	0.100
1117046	Soil	0.5	24.6	6.1	75	<0.1	35.3	18.1	562	3.89	3.5	1.3	2.9	5.9	31	0.1	0.2	0.2	82	0.60	0.121
REP 1117046	QC	0.5	24.7	6.0	73	<0.1	35.0	18.2	537	3.77	3.4	1.3	3.9	6.1	29	0.2	0.3	0.2	79	0.56	0.119
1117045	Soil	0.5	44.2	7.9	70	<0.1	39.4	19.6	534	3.67	4.4	1.1	2.3	5.3	27	0.2	0.3	0.2	82	0.45	0.102
REP 1117045	QC	0.6	44.8	7.6	69	<0.1	40.7	19.2	520	3.57	4.4	1.2	2.2	5.5	27	0.1	0.2	0.2	84	0.45	0.095
1113586	Soil	1.0	31.5	14.5	88	0.1	28.4	14.6	468	3.94	5.3	10.6	4.3	14.8	16	0.2	0.3	0.3	80	0.25	0.097
REP 1113586	QC	1.1	29.9	15.1	88	0.1	26.9	14.4	475	4.06	4.9	10.9	1.4	14.1	16	0.2	0.3	0.3	80	0.23	0.092
1113491	Soil	4.8	23.7	28.3	78	<0.1	13.5	9.4	727	2.27	7.2	10.9	2.5	6.7	16	0.2	0.4	1.2	33	0.25	0.087
REP 1113491	QC	4.9	24.4	29.5	81	<0.1	13.7	9.6	799	2.44	7.4	12.0	4.4	7.4	16	0.2	0.4	1.2	34	0.26	0.091
1127100	Soil	1.1	16.5	10.6	53	<0.1	15.0	6.7	262	2.62	4.8	2.7	0.9	9.1	13	0.1	0.4	2.0	55	0.14	0.042
REP 1127100	QC	1.0	16.0	10.9	54	<0.1	14.6	6.4	249	2.59	4.5	2.7	2.0	9.2	13	0.2	0.4	1.9	56	0.14	0.041
1126331	Soil	0.8	9.9	14.0	52	<0.1	13.4	6.8	284	2.87	8.4	1.0	4.7	2.9	12	0.1	0.3	0.7	71	0.12	0.037
REP 1126331	QC	0.8	9.7	13.8	49	<0.1	13.2	6.7	282	2.75	8.0	1.0	3.2	2.8	12	0.1	0.4	0.8	69	0.11	0.038
1126311	Soil	0.8	13.0	13.5	61	<0.1	17.2	9.2	289	2.89	10.6	2.9	1.1	2.4	18	0.2	0.3	0.9	59	0.25	0.068
REP 1126311	QC	0.8	13.0	13.6	61	<0.1	17.0	9.0	275	2.83	11.1	2.8	1.3	2.4	17	0.1	0.3	0.9	58	0.24	0.069
Reference Materials																					
STD DS8	Standard	13.8	110.3	113.0	316	1.9	38.1	7.8	614	2.53	27.4	2.4	117.3	5.9	59	2.4	5.4	5.6	44	0.68	0.079
STD DS8	Standard	11.8	106.6	123.6	308	1.8	37.4	7.4	595	2.45	26.3	2.6	100.4	6.1	63	2.1	6.0	6.9	41	0.65	0.076

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

Project: ECH
Report Date: August 19, 2011

QUALITY CONTROL REPORT DAW11000111.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1115067	Soil	10	22	0.42	74	0.073	1	1.09	0.013	0.08	0.1	0.04	2.0	<0.1	<0.05	4	<0.5	<0.2
REP 1115067	QC	10	21	0.43	74	0.071	1	1.09	0.013	0.08	0.1	0.03	1.8	0.1	<0.05	4	<0.5	<0.2
1127862	Soil	52	44	1.01	143	0.220	2	2.38	0.014	0.62	1.6	0.04	5.8	0.8	<0.05	12	0.6	<0.2
REP 1127862	QC	54	48	1.02	153	0.219	2	2.41	0.015	0.66	1.3	0.03	6.0	0.9	<0.05	12	0.6	<0.2
1127858	Soil	54	42	0.85	212	0.179	1	2.28	0.012	0.38	1.1	0.04	6.6	0.5	<0.05	11	0.7	<0.2
REP 1127858	QC	52	41	0.84	206	0.183	2	2.34	0.013	0.37	1.2	0.04	6.8	0.5	<0.05	10	<0.5	<0.2
1125048	Soil	10	46	0.77	124	0.134	2	1.87	0.016	0.16	0.2	0.02	3.2	0.2	<0.05	6	<0.5	<0.2
REP 1125048	QC	10	47	0.77	124	0.134	2	1.85	0.016	0.16	0.2	0.04	3.1	0.2	<0.05	6	<0.5	<0.2
1125037	Soil	27	56	1.11	207	0.179	1	2.55	0.024	0.51	0.3	0.03	6.8	0.5	<0.05	10	<0.5	<0.2
REP 1125037	QC	28	56	1.08	210	0.179	1	2.49	0.023	0.51	0.2	0.02	7.0	0.5	<0.05	9	<0.5	<0.2
1126210	Soil	32	41	0.75	150	0.129	2	2.17	0.014	0.31	0.2	0.04	4.7	0.3	<0.05	8	<0.5	<0.2
REP 1126210	QC	32	43	0.77	145	0.132	1	2.22	0.013	0.32	0.2	0.03	4.8	0.4	<0.05	7	<0.5	<0.2
1117046	Soil	22	72	1.45	208	0.243	<1	2.64	0.025	0.48	0.2	0.02	4.3	0.5	<0.05	10	<0.5	<0.2
REP 1117046	QC	22	69	1.38	200	0.233	<1	2.51	0.023	0.46	0.3	0.01	4.0	0.5	<0.05	10	<0.5	<0.2
1117045	Soil	18	65	1.41	184	0.199	1	2.52	0.025	0.51	0.4	0.02	4.0	0.4	<0.05	9	<0.5	<0.2
REP 1117045	QC	18	64	1.34	179	0.204	1	2.48	0.025	0.48	0.4	0.03	4.2	0.4	<0.05	9	<0.5	<0.2
1113586	Soil	52	48	0.98	272	0.201	1	3.26	0.011	0.43	0.5	0.04	6.4	0.5	<0.05	11	<0.5	<0.2
REP 1113586	QC	52	47	0.99	278	0.200	<1	3.19	0.010	0.45	0.5	0.05	6.2	0.5	<0.05	11	<0.5	<0.2
1113491	Soil	26	16	0.34	122	0.020	<1	1.29	0.007	0.10	0.2	0.02	2.5	0.3	<0.05	4	<0.5	<0.2
REP 1113491	QC	28	17	0.34	130	0.021	<1	1.37	0.007	0.11	0.1	0.02	2.6	0.3	<0.05	5	<0.5	<0.2
1127100	Soil	29	31	0.46	107	0.080	1	1.75	0.009	0.10	0.2	0.04	2.8	0.2	<0.05	7	<0.5	<0.2
REP 1127100	QC	30	31	0.45	109	0.081	<1	1.79	0.009	0.10	0.2	0.04	2.9	0.2	<0.05	7	<0.5	<0.2
1126331	Soil	8	21	0.39	76	0.091	2	1.73	0.011	0.06	0.2	0.03	2.0	<0.1	<0.05	8	<0.5	<0.2
REP 1126331	QC	8	21	0.38	75	0.091	2	1.68	0.009	0.06	0.2	0.03	2.1	0.1	<0.05	8	<0.5	<0.2
1126311	Soil	11	30	0.43	159	0.061	2	1.86	0.010	0.07	0.1	0.04	3.1	0.2	<0.05	5	<0.5	<0.2
REP 1126311	QC	10	30	0.43	160	0.058	2	1.91	0.010	0.06	0.2	0.04	2.8	0.1	<0.05	5	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	15	120	0.60	284	0.117	2	0.92	0.095	0.42	3.1	0.21	2.3	5.3	0.17	5	5.2	4.8
STD DS8	Standard	13	115	0.58	251	0.109	3	0.84	0.082	0.41	3.0	0.20	2.0	5.4	0.15	5	5.9	4.7

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

Project: ECH
Report Date: August 19, 2011

QUALITY CONTROL REPORT DAW11000111.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8	Standard	12.5	104.1	142.0	303	1.7	35.5	7.3	588	2.36	24.7	3.1	112.4	7.8	78	2.1	6.0	7.2	39	0.68	0.073
STD DS8	Standard	12.4	102.2	133.1	293	1.6	35.4	7.0	582	2.35	24.8	2.9	112.7	7.4	71	2.2	5.8	7.4	38	0.64	0.071
STD DS8	Standard	14.1	120.3	135.9	324	1.7	41.7	8.4	640	2.56	26.4	2.9	108.9	7.0	67	2.2	6.2	7.2	46	0.73	0.082
STD DS8	Standard	12.9	116.5	123.6	318	1.8	38.0	7.4	630	2.38	26.8	2.9	108.9	7.3	65	2.4	5.8	6.8	41	0.65	0.083
STD DS8	Standard	12.5	102.0	135.1	298	1.8	36.2	7.1	584	2.35	25.3	3.0	103.8	7.5	72	2.1	6.2	7.4	39	0.67	0.076
STD DS8	Standard	13.8	113.4	128.6	322	1.8	39.6	8.0	631	2.54	27.2	2.9	115.8	7.4	74	2.5	6.0	7.1	44	0.76	0.084
STD DS8	Standard	13.5	115.1	130.7	321	1.8	37.5	7.8	615	2.47	28.8	3.0	112.2	7.6	72	2.5	5.9	7.1	43	0.74	0.086
STD DS8	Standard	12.1	112.2	126.3	310	1.8	35.8	7.6	587	2.44	25.9	2.7	107.4	6.8	61	2.4	5.7	6.7	41	0.65	0.079
STD DS8	Standard	12.1	100.9	125.2	305	1.7	34.2	6.7	596	2.33	24.5	3.0	93.9	6.8	70	2.2	6.0	7.3	39	0.64	0.076
STD DS8	Standard	15.1	120.5	120.0	314	2.0	41.6	8.1	637	2.58	27.2	2.7	120.2	6.7	64	2.3	5.4	6.2	49	0.71	0.075
STD DS8	Standard	12.6	108.2	102.3	294	1.5	38.2	7.6	606	2.38	27.7	2.2	97.9	5.5	58	2.1	4.6	5.5	44	0.67	0.076
STD DS8	Standard	13.3	107.4	123.8	308	1.8	38.9	7.2	598	2.45	26.4	2.6	113.7	6.4	69	2.2	5.5	7.0	40	0.69	0.077
STD DS8	Standard	11.7	106.9	125.0	305	1.7	36.9	7.2	584	2.39	26.2	2.6	112.7	6.2	62	2.3	5.7	6.7	40	0.65	0.078
STD DS8	Standard	14.2	121.4	132.6	319	1.9	42.8	8.4	651	2.57	28.1	2.8	112.6	6.9	66	2.2	6.1	6.9	46	0.72	0.077
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.04	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: ECH
Report Date: August 19, 2011

QUALITY CONTROL REPORT DAW11000111.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	15	110	0.61	276	0.122	2	0.89	0.106	0.41	3.1	0.18	2.4	5.1	0.14	5	5.7	4.9
STD DS8	Standard	15	108	0.59	266	0.113	2	0.86	0.082	0.38	3.0	0.20	1.9	5.2	0.14	5	5.3	5.0
STD DS8	Standard	14	131	0.69	280	0.125	3	0.92	0.087	0.43	3.2	0.19	2.2	5.6	0.20	5	4.5	4.8
STD DS8	Standard	15	117	0.63	280	0.117	3	0.91	0.087	0.41	3.1	0.19	2.0	5.4	0.16	5	4.7	5.0
STD DS8	Standard	15	111	0.60	269	0.114	2	0.89	0.087	0.40	3.1	0.21	2.2	5.5	0.15	5	5.7	4.8
STD DS8	Standard	17	123	0.63	299	0.128	2	0.96	0.091	0.44	3.3	0.22	2.3	5.6	0.15	5	5.5	5.2
STD DS8	Standard	17	118	0.63	309	0.126	3	0.98	0.097	0.43	3.2	0.22	2.4	5.7	0.15	5	5.5	5.2
STD DS8	Standard	13	116	0.59	278	0.108	3	0.84	0.089	0.41	3.1	0.19	2.0	5.6	0.16	5	5.5	5.0
STD DS8	Standard	14	110	0.61	266	0.106	2	0.84	0.083	0.39	2.9	0.17	1.9	5.3	0.15	4	4.7	4.9
STD DS8	Standard	15	131	0.63	276	0.125	3	0.93	0.088	0.43	3.2	0.21	2.2	5.2	0.19	5	6.1	5.3
STD DS8	Standard	12	123	0.61	258	0.108	3	0.88	0.086	0.40	2.7	0.21	2.0	5.2	0.09	4	5.5	5.0
STD DS8	Standard	13	115	0.61	271	0.117	2	0.89	0.086	0.42	2.9	0.20	2.1	5.3	0.14	5	5.0	4.5
STD DS8	Standard	12	113	0.58	268	0.107	3	0.84	0.084	0.41	3.0	0.21	1.7	5.2	0.17	4	4.5	4.7
STD DS8	Standard	14	134	0.63	271	0.128	<1	0.89	0.086	0.41	3.1	0.24	2.4	5.4	0.18	5	5.8	5.1
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

Project: ECH
Report Date: August 19, 2011

QUALITY CONTROL REPORT DAW11000111.1

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

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QUALITY CONTROL REPORT DAW11000111.1

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

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

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: August 01, 2011
Report Date: August 20, 2011
Page: 1 of 7

CERTIFICATE OF ANALYSIS DAW11000125.1

CLIENT JOB INFORMATION

Project: ECH
Shipment ID: ECH-2011-17
P.O. Number
Number of Samples: 158

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	158	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	158	Dry at 60C			WHI
1DX2	158	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Project: ECH
Report Date: August 20, 2011

CERTIFICATE OF ANALYSIS DAW11000125.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1122023	Soil	1.0	17.8	10.4	84	<0.1	16.7	10.2	261	3.15	4.6	3.5	1.3	25.5	16	0.1	0.3	0.5	64	0.30	0.071
1122017	Soil	1.7	15.0	14.6	53	0.1	12.3	5.5	218	2.45	5.6	2.3	4.3	7.8	16	0.2	0.4	0.5	52	0.17	0.055
1122015	Soil	1.1	9.3	7.8	36	<0.1	4.8	3.2	162	1.44	2.5	0.5	3.5	1.6	8	<0.1	0.4	0.3	51	0.07	0.028
1122018	Soil	1.0	22.2	10.4	73	<0.1	19.2	10.1	458	3.19	6.6	5.3	7.9	19.8	17	<0.1	0.4	0.7	56	0.34	0.109
1122019	Soil	1.4	17.1	12.9	57	<0.1	17.2	9.7	395	3.35	6.9	1.8	2.0	10.4	15	0.1	0.5	0.6	80	0.20	0.045
1122021	Soil	1.1	18.3	11.5	73	<0.1	19.0	12.7	378	3.33	5.3	4.4	3.5	21.4	16	<0.1	0.3	0.5	68	0.31	0.082
1122024	Soil	1.2	26.2	10.3	78	0.1	18.8	14.0	411	3.47	4.7	6.0	2.0	25.0	14	0.2	0.3	0.5	75	0.26	0.075
1122016	Soil	1.3	20.3	13.4	62	0.1	21.7	8.9	281	3.22	10.3	1.4	3.7	16.3	11	0.2	0.6	0.4	68	0.11	0.035
1122025	Soil	1.4	14.1	10.3	72	<0.1	17.1	9.5	367	3.98	4.8	1.8	2.2	13.8	9	0.1	0.3	0.4	72	0.14	0.034
1122022	Soil	2.6	20.0	15.8	75	0.4	16.6	21.4	1487	3.86	4.3	5.5	3.0	14.8	18	<0.1	0.4	0.6	94	0.27	0.099
1122020	Soil	0.9	27.3	11.8	79	0.2	27.9	14.3	452	3.56	4.1	3.6	1.6	13.0	20	0.1	0.4	0.5	89	0.42	0.106
1122026	Soil	0.9	16.0	11.1	64	<0.1	19.3	9.2	311	2.92	6.5	3.1	2.4	17.5	12	<0.1	0.4	0.3	60	0.16	0.033
1122014	Soil	0.7	23.6	9.6	59	<0.1	23.1	12.6	440	3.19	8.1	2.4	1.2	9.8	14	<0.1	0.4	0.3	68	0.18	0.045
1122033	Soil	0.9	30.4	13.5	107	<0.1	35.8	22.0	766	5.24	5.6	1.6	5.3	10.8	11	<0.1	0.4	2.0	124	0.19	0.049
1122031	Soil	0.8	22.8	10.1	82	<0.1	19.3	16.9	638	4.25	5.2	2.6	1.3	15.3	10	<0.1	0.3	0.3	87	0.24	0.071
1122029	Soil	1.7	24.5	14.2	96	<0.1	18.8	10.9	379	3.88	3.0	4.1	2.3	40.8	12	<0.1	0.2	0.6	65	0.20	0.044
1122028	Soil	1.5	31.8	16.2	96	0.1	21.5	17.3	510	3.89	5.9	5.1	1.2	37.3	16	0.1	0.3	0.5	82	0.33	0.064
1122030	Soil	0.8	23.8	10.9	79	<0.1	22.9	12.7	443	3.61	5.8	4.3	0.8	13.4	13	<0.1	0.4	0.3	78	0.22	0.052
1122032	Soil	0.8	24.0	11.0	84	<0.1	20.6	17.5	644	4.52	5.9	2.5	2.2	15.8	10	<0.1	0.4	0.4	92	0.23	0.057
1122027	Soil	1.1	19.6	13.5	78	<0.1	19.1	11.2	446	3.75	5.5	2.9	2.8	16.8	13	0.1	0.4	0.4	74	0.21	0.061
1122003	Soil	1.8	17.5	25.3	82	<0.1	19.2	7.9	357	2.72	4.2	3.1	2.9	14.1	14	0.3	0.4	0.3	56	0.18	0.045
1122004	Soil	0.9	19.3	11.4	60	<0.1	22.4	10.1	442	2.77	7.6	1.3	3.4	12.0	11	0.2	0.5	0.7	62	0.12	0.031
1122005	Soil	1.5	27.6	23.8	87	<0.1	30.1	12.3	734	3.47	8.4	6.5	4.4	29.4	17	0.3	0.5	0.6	72	0.21	0.052
1122008	Soil	1.2	21.5	8.2	65	<0.1	19.1	11.0	437	2.59	3.5	4.5	5.0	13.9	16	0.1	0.3	0.3	60	0.36	0.102
1122002	Soil	2.8	23.8	87.0	144	0.1	24.5	9.5	768	2.85	7.1	7.7	5.8	31.3	17	0.9	0.6	0.3	56	0.24	0.068
1122001	Soil	1.1	14.6	9.6	57	<0.1	19.6	9.0	401	2.53	3.7	2.0	0.5	9.3	14	0.1	0.3	0.2	53	0.19	0.055
1122013	Soil	0.8	18.0	8.2	56	<0.1	22.7	9.7	378	2.56	5.8	1.7	6.1	11.4	19	0.1	0.4	0.6	53	0.29	0.077
1122012	Soil	0.9	22.7	9.4	72	<0.1	25.8	10.5	410	3.03	5.3	3.2	2.5	20.2	17	<0.1	0.4	0.5	62	0.29	0.086
1122010	Soil	1.3	21.8	7.5	66	<0.1	20.2	11.0	453	3.25	5.8	1.8	3.8	11.6	21	0.2	0.4	0.5	60	0.44	0.167
1122007	Soil	0.9	22.3	8.7	62	<0.1	23.1	10.8	427	2.75	6.2	1.6	2.6	12.3	19	0.2	0.5	0.2	62	0.35	0.099

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Project: ECH
Report Date: August 20, 2011

CERTIFICATE OF ANALYSIS DAW11000125.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1122023	Soil	49	29	0.66	131	0.140	<1	1.69	0.013	0.29	0.8	0.03	4.5	0.5	<0.05	9	<0.5	<0.2
1122017	Soil	40	21	0.30	125	0.081	2	1.18	0.010	0.09	0.5	0.07	2.2	0.2	0.09	8	<0.5	<0.2
1122015	Soil	8	11	0.09	62	0.059	1	0.59	0.007	0.03	0.1	0.04	0.8	<0.1	<0.05	6	<0.5	<0.2
1122018	Soil	68	27	0.58	160	0.128	2	1.78	0.013	0.25	0.6	0.03	4.4	0.4	<0.05	7	0.6	<0.2
1122019	Soil	27	32	0.53	129	0.136	2	1.83	0.009	0.13	0.5	0.05	3.5	0.3	<0.05	9	0.5	<0.2
1122021	Soil	95	35	0.70	112	0.133	2	1.81	0.012	0.27	1.3	0.04	4.6	0.4	<0.05	9	0.6	<0.2
1122024	Soil	74	37	0.75	180	0.140	2	2.05	0.014	0.32	1.0	0.04	6.7	0.5	0.06	10	<0.5	<0.2
1122016	Soil	32	32	0.52	86	0.094	2	2.28	0.009	0.08	0.3	0.06	3.4	0.1	0.06	8	0.6	<0.2
1122025	Soil	37	34	0.66	87	0.158	2	2.15	0.011	0.23	0.8	0.04	3.9	0.4	<0.05	10	0.6	<0.2
1122022	Soil	56	39	0.70	150	0.105	1	1.76	0.013	0.30	1.3	0.08	6.5	0.5	0.08	9	0.9	<0.2
1122020	Soil	40	56	1.07	186	0.165	3	2.11	0.013	0.49	4.7	0.05	6.9	0.6	<0.05	10	<0.5	<0.2
1122026	Soil	40	31	0.65	92	0.109	2	1.90	0.012	0.17	0.5	0.04	3.9	0.3	<0.05	7	<0.5	<0.2
1122014	Soil	37	32	0.70	114	0.124	2	1.99	0.012	0.20	0.4	0.04	4.0	0.3	<0.05	6	0.8	<0.2
1122033	Soil	18	57	1.41	128	0.253	2	2.98	0.014	0.65	0.6	0.02	6.6	0.8	<0.05	11	0.9	<0.2
1122031	Soil	37	30	0.96	116	0.175	<1	2.34	0.013	0.42	0.4	0.03	5.9	0.4	<0.05	11	0.6	<0.2
1122029	Soil	87	37	0.84	103	0.146	<1	2.07	0.012	0.34	0.5	0.03	5.4	0.4	<0.05	11	<0.5	<0.2
1122028	Soil	73	36	0.90	188	0.175	1	2.09	0.018	0.47	0.6	0.05	6.9	0.5	<0.05	11	0.8	<0.2
1122030	Soil	49	36	0.87	134	0.146	2	2.13	0.013	0.40	0.4	0.03	5.3	0.5	<0.05	9	<0.5	<0.2
1122032	Soil	40	32	0.99	120	0.186	1	2.53	0.014	0.42	0.4	0.02	5.9	0.4	<0.05	10	<0.5	<0.2
1122027	Soil	52	30	0.71	110	0.137	2	2.14	0.013	0.28	0.6	0.04	4.4	0.4	<0.05	9	<0.5	<0.2
1122003	Soil	28	29	0.51	81	0.098	2	1.56	0.011	0.12	0.4	0.04	3.5	0.2	<0.05	5	0.6	<0.2
1122004	Soil	23	29	0.52	95	0.081	2	1.72	0.009	0.07	0.2	0.05	2.9	<0.1	<0.05	5	0.6	<0.2
1122005	Soil	69	37	0.66	190	0.116	2	2.08	0.014	0.15	0.3	0.04	5.5	0.2	<0.05	7	<0.5	<0.2
1122008	Soil	46	27	0.58	105	0.125	1	1.47	0.013	0.23	1.3	0.03	3.5	0.3	<0.05	6	<0.5	<0.2
1122002	Soil	77	31	0.54	136	0.091	2	1.60	0.011	0.09	0.4	0.05	4.4	0.1	<0.05	5	<0.5	<0.2
1122001	Soil	14	31	0.51	100	0.089	2	1.16	0.012	0.14	0.5	0.05	2.5	0.2	<0.05	5	0.6	<0.2
1122013	Soil	25	31	0.58	129	0.104	<1	1.60	0.012	0.15	0.6	0.02	2.9	0.2	<0.05	5	<0.5	<0.2
1122012	Soil	45	39	0.71	131	0.126	2	1.94	0.014	0.25	0.9	0.03	4.2	0.4	<0.05	7	0.9	<0.2
1122010	Soil	26	26	0.60	176	0.149	1	1.77	0.013	0.21	1.2	0.04	3.2	0.3	<0.05	7	<0.5	<0.2
1122007	Soil	30	30	0.59	158	0.107	2	1.68	0.016	0.14	0.4	0.03	3.4	0.2	<0.05	5	<0.5	<0.2

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600 - 666 Burrard St.
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Project: ECH
Report Date: August 20, 2011

CERTIFICATE OF ANALYSIS DAW11000125.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1122009	Soil	1.3	22.2	8.2	85	<0.1	24.1	11.9	587	3.02	5.8	20.3	4.9	19.0	20	0.3	0.4	0.3	62	0.40	0.116
1122011	Soil	1.1	20.5	7.0	83	<0.1	16.4	13.4	691	4.56	4.2	2.7	1.4	10.7	35	0.1	0.3	0.3	55	0.88	0.332
1122006	Soil	1.1	22.2	11.4	72	<0.1	23.4	12.5	538	3.25	5.4	2.3	1.9	15.6	16	0.2	0.4	0.2	74	0.36	0.102
1127924	Soil	1.3	16.6	14.5	78	<0.1	21.0	12.0	578	3.08	6.7	3.1	6.8	16.1	18	0.3	0.3	0.4	69	0.30	0.078
1127922	Soil	1.2	15.3	13.4	63	<0.1	18.7	9.7	431	2.53	5.5	2.9	2.2	15.3	13	0.2	0.4	0.4	62	0.20	0.065
1127920	Soil	0.8	19.0	11.0	66	<0.1	21.6	10.6	577	2.53	6.2	3.8	5.3	16.9	14	0.2	0.4	0.3	56	0.21	0.069
1127926	Soil	0.9	17.3	9.6	69	<0.1	21.4	10.4	496	2.54	6.8	2.7	2.2	13.4	14	0.3	0.4	0.6	56	0.22	0.065
1127910	Soil	0.9	13.1	11.5	58	<0.1	18.5	9.9	409	2.45	6.8	2.6	6.5	16.1	13	0.2	0.4	0.8	53	0.21	0.065
1127917	Soil	1.1	14.6	10.7	60	<0.1	18.3	8.0	195	2.26	5.3	3.9	4.6	14.6	15	0.1	0.4	1.0	54	0.22	0.070
1127915	Soil	1.3	14.7	12.1	66	<0.1	18.7	11.1	406	2.54	6.3	4.4	18.1	20.9	14	0.2	0.4	0.7	52	0.20	0.064
1127921	Soil	1.5	17.0	16.9	67	<0.1	19.4	9.6	471	2.63	6.2	5.2	2.0	13.5	18	0.2	0.5	0.4	57	0.18	0.058
1127911	Soil	1.1	18.1	13.4	59	0.1	19.0	9.5	437	2.55	5.6	5.8	2.2	12.8	18	0.2	0.5	0.7	56	0.18	0.061
1127925	Soil	1.2	13.5	12.0	62	<0.1	17.8	9.6	469	2.56	5.8	2.4	4.2	10.9	17	0.2	0.4	0.5	58	0.21	0.060
1127918	Soil	0.9	19.5	9.4	67	<0.1	23.4	9.5	462	2.48	6.7	2.3	2.4	12.7	16	0.3	0.5	0.5	55	0.23	0.071
1127919	Soil	1.2	18.2	12.0	68	0.1	21.9	11.8	452	2.81	7.0	5.3	1.5	15.7	17	0.2	0.4	0.6	63	0.27	0.086
1127923	Soil	1.2	11.7	11.1	56	<0.1	16.3	8.4	360	2.57	5.2	1.1	0.6	7.1	11	0.2	0.3	0.3	57	0.18	0.054
1127908	Soil	0.7	14.2	11.6	66	<0.1	18.4	11.2	595	2.63	7.1	2.8	1.7	11.3	12	0.2	0.4	0.5	54	0.18	0.074
1127912	Soil	0.7	10.8	6.8	50	<0.1	14.7	5.3	176	1.79	3.2	2.7	<0.5	8.4	18	0.2	0.3	0.6	47	0.25	0.058
1127901	Soil	0.8	16.3	11.5	62	<0.1	17.1	8.9	313	3.78	6.7	2.5	1.2	3.8	13	<0.1	0.3	0.6	61	0.19	0.081
1127914	Soil	1.1	19.1	10.2	66	<0.1	21.3	9.0	398	2.44	5.7	4.5	4.1	19.5	19	0.1	0.4	0.4	56	0.30	0.080
1127913	Soil	1.2	22.8	12.8	80	<0.1	25.0	11.2	577	2.75	7.4	4.8	2.1	22.4	19	0.3	0.5	0.4	61	0.27	0.082
1114799	Soil	0.6	18.4	15.3	70	0.1	19.8	9.6	278	2.68	5.4	4.0	0.8	4.6	16	0.1	0.4	0.5	57	0.24	0.084
1114800	Soil	0.8	15.3	13.7	69	0.1	20.1	9.5	268	2.48	3.5	2.4	1.6	4.8	17	0.1	0.3	0.4	53	0.27	0.083
1114797	Soil	0.7	20.4	10.4	73	<0.1	20.3	11.9	536	3.21	3.7	3.6	2.0	5.0	16	<0.1	0.3	0.5	62	0.39	0.108
1127916	Soil	1.6	21.0	13.0	80	<0.1	23.7	11.0	728	2.89	8.3	6.3	<0.5	16.5	22	0.4	0.5	1.2	61	0.26	0.077
1127909	Soil	0.9	13.3	9.3	57	<0.1	18.2	7.9	342	2.37	6.1	1.6	2.6	10.8	14	0.2	0.4	0.5	52	0.22	0.062
1114798	Soil	0.5	10.4	12.0	43	0.1	8.1	3.3	176	1.35	1.1	2.3	<0.5	0.6	21	0.3	0.2	0.3	31	0.25	0.076
1127903	Soil	0.8	19.0	10.5	68	<0.1	19.2	9.1	401	2.70	6.1	2.1	<0.5	3.3	17	0.1	0.4	0.4	59	0.25	0.085
1127907	Soil	0.7	13.6	11.2	56	<0.1	16.9	8.4	378	2.50	6.3	2.6	2.4	6.6	14	0.2	0.4	0.8	52	0.20	0.068
1127904	Soil	0.6	14.2	8.7	59	<0.1	16.5	8.3	406	2.35	4.9	1.4	4.0	5.4	13	0.2	0.3	0.6	49	0.24	0.082

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Project: ECH
Report Date: August 20, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1122009	Soil		47	29	0.65	181	0.121	2	1.69	0.017	0.23	1.0	0.03	3.9	0.4	<0.05	7	<0.5	<0.2
1122011	Soil		52	22	0.79	276	0.210	<1	2.05	0.015	0.56	0.4	0.02	4.0	0.6	<0.05	9	<0.5	<0.2
1122006	Soil		50	33	0.77	155	0.145	2	1.75	0.016	0.33	0.4	0.04	4.6	0.4	<0.05	7	<0.5	<0.2
1127924	Soil		23	33	0.56	191	0.097	2	1.60	0.016	0.14	0.4	0.04	3.6	0.2	<0.05	6	<0.5	<0.2
1127922	Soil		27	29	0.49	138	0.087	1	1.60	0.011	0.09	0.4	0.04	2.7	0.1	<0.05	6	<0.5	<0.2
1127920	Soil		30	30	0.51	147	0.084	1	1.57	0.010	0.09	0.4	0.04	3.5	0.1	<0.05	5	<0.5	<0.2
1127926	Soil		28	30	0.51	167	0.081	1	1.48	0.012	0.09	0.6	0.04	3.4	0.1	<0.05	5	<0.5	<0.2
1127910	Soil		22	29	0.50	106	0.072	2	1.52	0.011	0.09	0.3	0.04	2.6	0.1	<0.05	6	<0.5	<0.2
1127917	Soil		23	29	0.52	130	0.083	2	1.62	0.013	0.09	0.4	0.05	3.3	0.2	<0.05	6	<0.5	<0.2
1127915	Soil		24	28	0.52	143	0.069	1	1.49	0.012	0.11	0.5	0.03	3.2	0.2	<0.05	6	<0.5	<0.2
1127921	Soil		43	31	0.50	184	0.069	2	1.72	0.012	0.08	0.4	0.06	3.2	0.2	<0.05	6	<0.5	<0.2
1127911	Soil		55	32	0.48	160	0.067	1	1.62	0.014	0.08	0.4	0.05	3.2	0.2	<0.05	7	<0.5	<0.2
1127925	Soil		25	28	0.52	159	0.087	2	1.51	0.015	0.09	0.4	0.04	2.6	0.2	<0.05	6	<0.5	<0.2
1127918	Soil		19	28	0.51	126	0.081	2	1.47	0.014	0.08	0.6	0.03	2.7	0.1	<0.05	5	<0.5	<0.2
1127919	Soil		35	35	0.58	178	0.090	1	1.73	0.014	0.09	1.3	0.04	4.1	0.2	<0.05	6	<0.5	<0.2
1127923	Soil		12	26	0.49	84	0.094	1	1.22	0.011	0.08	0.6	0.02	2.1	0.1	<0.05	5	<0.5	<0.2
1127908	Soil		21	29	0.51	121	0.078	2	1.74	0.011	0.10	0.4	0.04	3.1	0.2	<0.05	6	<0.5	<0.2
1127912	Soil		17	27	0.43	98	0.074	1	1.05	0.013	0.09	0.7	0.04	2.3	0.1	<0.05	5	<0.5	<0.2
1127901	Soil		15	31	0.55	121	0.095	<1	1.75	0.011	0.10	0.2	0.04	3.2	0.2	<0.05	7	<0.5	<0.2
1127914	Soil		29	30	0.55	151	0.088	2	1.46	0.020	0.14	0.6	0.03	3.0	0.2	<0.05	6	<0.5	<0.2
1127913	Soil		40	33	0.59	165	0.085	1	1.75	0.014	0.10	0.7	0.04	3.7	0.2	<0.05	6	<0.5	<0.2
1114799	Soil		21	32	0.61	146	0.092	1	2.09	0.013	0.17	0.2	0.05	4.0	0.3	<0.05	8	<0.5	<0.2
1114800	Soil		15	35	0.65	142	0.104	<1	1.92	0.014	0.16	0.2	0.06	3.2	0.3	<0.05	7	<0.5	<0.2
1114797	Soil		12	34	0.71	146	0.135	<1	1.77	0.013	0.38	0.3	0.01	4.6	0.4	<0.05	7	<0.5	<0.2
1127916	Soil		44	34	0.58	204	0.087	1	1.99	0.019	0.12	0.4	0.06	3.6	0.2	<0.05	7	<0.5	<0.2
1127909	Soil		14	26	0.48	86	0.088	2	1.56	0.012	0.08	0.4	0.02	2.5	0.1	<0.05	5	<0.5	<0.2
1114798	Soil		12	18	0.29	126	0.060	<1	0.97	0.015	0.08	0.2	0.06	1.7	0.1	<0.05	5	<0.5	<0.2
1127903	Soil		13	29	0.56	148	0.101	2	1.81	0.013	0.14	0.2	0.05	3.2	0.2	<0.05	6	<0.5	<0.2
1127907	Soil		18	27	0.53	116	0.087	1	1.60	0.011	0.13	0.4	0.04	2.9	0.2	<0.05	7	<0.5	<0.2
1127904	Soil		13	24	0.55	128	0.111	1	1.58	0.013	0.15	0.2	0.03	2.8	0.2	<0.05	6	<0.5	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1127902	Soil	0.6	20.5	9.4	66	<0.1	21.5	10.5	447	2.51	6.1	2.3	1.4	5.6	19	0.3	0.4	0.4	53	0.32	0.096
1127906	Soil	0.6	16.7	8.8	58	<0.1	20.3	9.0	363	2.46	5.9	1.6	3.5	6.3	19	0.2	0.4	0.4	54	0.35	0.109
1127905	Soil	0.5	14.0	8.2	56	<0.1	17.8	8.2	348	2.35	4.7	2.4	4.4	7.6	16	0.2	0.3	0.4	51	0.29	0.091
1112410	Soil	1.3	22.9	12.6	68	<0.1	31.8	13.4	320	3.46	12.7	0.8	2.1	12.2	15	0.2	0.7	0.4	68	0.16	0.029
1112430	Soil	1.1	17.6	12.5	63	<0.1	22.3	12.7	348	3.59	10.1	2.3	2.4	30.5	13	0.3	0.5	0.5	72	0.14	0.028
1112411	Soil	1.3	14.8	13.2	52	<0.1	19.2	9.0	371	3.19	10.6	0.9	1.4	8.6	12	0.2	0.8	0.3	71	0.10	0.029
1112425	Soil	1.1	12.3	13.6	67	<0.1	18.7	8.7	280	3.24	7.6	2.5	<0.5	22.4	13	0.2	0.4	0.5	65	0.15	0.027
1112407	Soil	1.0	18.1	9.3	63	<0.1	21.0	10.2	337	3.43	6.8	1.2	1.1	5.8	15	0.1	0.5	0.3	81	0.19	0.045
1112415	Soil	0.6	20.3	10.9	99	<0.1	39.3	16.7	587	3.61	4.0	1.7	1.7	12.1	22	<0.1	0.4	0.3	81	0.35	0.064
1112417	Soil	0.8	20.1	8.6	73	<0.1	22.9	12.3	394	3.36	5.2	7.8	<0.5	21.9	22	0.2	0.5	0.4	70	0.30	0.060
1112419	Soil	1.3	13.9	12.1	52	<0.1	19.2	8.3	286	3.45	11.6	1.3	4.0	15.0	11	0.2	0.7	0.3	68	0.10	0.034
1112404	Soil	1.3	17.4	7.0	86	<0.1	12.6	14.4	741	5.38	5.2	1.3	8.5	5.5	31	<0.1	0.3	1.1	62	0.79	0.291
1112406	Soil	1.4	15.4	11.2	62	<0.1	15.7	7.3	315	2.89	7.1	0.8	2.2	5.9	16	0.3	0.5	0.6	67	0.14	0.034
1112408	Soil	1.8	23.9	8.2	74	0.1	15.5	15.8	395	5.95	5.5	1.1	0.8	7.6	9	0.2	0.5	0.4	156	0.23	0.059
1112405	Soil	0.8	56.2	3.5	89	<0.1	22.9	34.0	889	7.05	<0.5	0.9	<0.5	1.4	21	<0.1	<0.1	0.1	209	1.18	0.243
1112432	Soil	1.1	17.7	13.1	59	<0.1	20.8	9.7	280	3.29	8.3	3.7	2.4	29.3	15	0.1	0.6	0.5	79	0.14	0.017
1112409	Soil	1.4	16.2	11.0	60	<0.1	21.4	10.9	283	3.78	9.4	0.7	1.0	6.7	17	0.1	0.6	0.4	93	0.17	0.029
1112423	Soil	0.9	20.2	11.8	73	<0.1	24.0	11.8	323	3.20	4.9	5.3	1.7	21.2	21	0.2	0.4	0.3	69	0.26	0.042
1112421	Soil	0.8	18.0	13.1	73	<0.1	23.5	10.9	330	3.24	7.1	4.4	3.5	35.0	19	<0.1	0.4	0.3	72	0.24	0.038
1112413	Soil	0.9	21.7	11.0	74	<0.1	23.4	10.4	383	3.03	6.1	2.3	1.9	37.6	17	0.2	0.5	0.3	58	0.23	0.044
1112426	Soil	0.7	14.1	10.2	61	<0.1	17.2	8.6	334	2.78	5.1	2.2	1.4	19.3	12	0.2	0.4	0.4	61	0.15	0.034
1112431	Soil	0.5	15.6	11.3	65	<0.1	19.1	10.3	316	2.88	3.7	4.0	1.6	29.4	13	0.1	0.2	0.8	61	0.17	0.039
1112402	Soil	1.6	19.5	13.2	58	<0.1	20.9	10.0	379	3.34	10.7	1.4	5.7	13.3	13	<0.1	0.7	0.9	67	0.12	0.032
1112403	Soil	1.7	33.3	10.5	72	<0.1	25.0	12.1	418	3.54	7.5	2.6	102.8	18.2	15	<0.1	0.7	17.6	68	0.16	0.021
1112427	Soil	1.6	38.9	19.0	95	0.2	31.3	12.8	400	4.35	10.7	10.6	2.1	40.1	25	0.2	0.6	0.7	93	0.22	0.042
1112429	Soil	0.9	26.8	10.5	66	<0.1	17.8	11.4	435	3.37	5.4	4.5	2.0	36.7	16	0.1	0.3	0.9	66	0.23	0.049
1112428	Soil	0.9	15.2	13.4	65	<0.1	23.3	12.6	399	3.34	9.8	1.9	3.3	21.8	15	0.3	0.5	0.4	73	0.16	0.022
1112412	Soil	2.2	24.0	20.6	76	<0.1	28.1	10.9	374	3.17	7.8	2.3	2.2	33.0	14	0.2	0.6	0.9	59	0.15	0.025
1112401	Soil	1.4	20.5	11.0	64	<0.1	22.8	9.4	331	3.20	7.6	1.9	4.3	16.1	14	0.1	0.6	0.7	73	0.15	0.024
1112424	Soil	1.1	23.0	15.5	69	<0.1	23.7	11.2	316	3.39	8.2	3.9	1.2	28.5	15	0.2	0.5	0.4	80	0.16	0.028

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

Project: ECH
Report Date: August 20, 2011

CERTIFICATE OF ANALYSIS DAW11000125.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1127902	Soil		16	29	0.58	173	0.103	1	1.63	0.015	0.11	0.2	0.05	3.8	0.2	<0.05	5	<0.5	<0.2
1127906	Soil		16	27	0.55	135	0.096	2	1.47	0.014	0.13	0.3	0.03	3.2	0.2	<0.05	5	<0.5	<0.2
1127905	Soil		20	28	0.62	148	0.113	<1	1.62	0.012	0.19	0.2	0.02	3.8	0.2	<0.05	6	<0.5	<0.2
1112410	Soil		18	45	0.68	134	0.088	1	2.79	0.012	0.09	0.3	0.04	3.6	0.2	<0.05	7	0.6	<0.2
1112430	Soil		37	38	0.62	148	0.088	1	2.82	0.012	0.10	0.5	0.05	3.7	0.2	<0.05	8	<0.5	<0.2
1112411	Soil		16	33	0.50	161	0.066	<1	2.28	0.008	0.06	0.2	0.05	3.7	0.1	<0.05	7	<0.5	<0.2
1112425	Soil		52	38	0.66	105	0.088	2	2.42	0.009	0.11	0.5	0.03	3.7	0.2	<0.05	8	<0.5	<0.2
1112407	Soil		28	35	0.68	147	0.118	2	1.93	0.012	0.14	0.2	0.03	3.6	0.3	<0.05	8	<0.5	<0.2
1112415	Soil		28	80	1.46	278	0.174	1	2.37	0.015	0.55	0.7	0.01	4.6	0.8	<0.05	8	<0.5	<0.2
1112417	Soil		84	37	0.85	158	0.122	2	2.12	0.013	0.22	0.5	0.03	5.7	0.3	<0.05	8	<0.5	<0.2
1112419	Soil		16	35	0.47	91	0.067	<1	2.43	0.007	0.07	0.2	0.05	2.8	0.1	<0.05	7	<0.5	<0.2
1112404	Soil		24	22	0.82	252	0.244	2	2.21	0.015	0.64	0.2	0.02	4.5	0.6	<0.05	10	<0.5	<0.2
1112406	Soil		16	26	0.40	188	0.080	2	1.60	0.014	0.08	0.2	0.03	2.4	0.1	0.05	7	<0.5	<0.2
1112408	Soil		17	28	0.81	69	0.341	2	2.54	0.020	0.35	0.3	0.05	5.2	0.6	0.05	12	<0.5	<0.2
1112405	Soil		18	34	1.68	386	0.189	<1	3.13	0.021	1.40	0.2	<0.01	7.5	0.7	<0.05	13	<0.5	<0.2
1112432	Soil		65	35	0.55	133	0.091	2	2.41	0.012	0.14	0.4	0.03	3.9	0.2	<0.05	9	<0.5	<0.2
1112409	Soil		14	39	0.66	170	0.119	1	2.37	0.010	0.14	0.5	0.02	3.7	0.2	<0.05	9	<0.5	<0.2
1112423	Soil		58	44	0.79	160	0.118	3	2.20	0.012	0.20	0.4	0.03	5.0	0.3	<0.05	8	<0.5	<0.2
1112421	Soil		71	44	0.75	142	0.109	2	2.38	0.011	0.19	0.5	0.03	4.4	0.3	<0.05	8	<0.5	<0.2
1112413	Soil		88	32	0.68	155	0.074	2	2.03	0.010	0.12	0.2	0.03	4.2	0.2	<0.05	7	<0.5	<0.2
1112426	Soil		28	30	0.54	79	0.092	2	1.86	0.010	0.12	0.4	0.03	2.9	0.2	<0.05	7	<0.5	<0.2
1112431	Soil		87	35	0.77	110	0.108	1	1.98	0.010	0.28	0.5	0.03	4.1	0.4	<0.05	8	<0.5	<0.2
1112402	Soil		29	37	0.53	116	0.074	1	2.51	0.010	0.07	0.2	0.06	3.7	<0.1	<0.05	6	<0.5	<0.2
1112403	Soil		41	34	0.63	104	0.131	3	2.11	0.012	0.18	0.9	0.03	4.3	0.2	<0.05	8	<0.5	<0.2
1112427	Soil		77	57	0.83	313	0.112	3	3.65	0.013	0.15	0.4	0.06	7.3	0.3	<0.05	11	0.6	<0.2
1112429	Soil		75	32	0.73	140	0.107	2	2.23	0.010	0.29	1.3	0.02	3.5	0.3	<0.05	9	<0.5	<0.2
1112428	Soil		23	41	0.67	132	0.098	2	2.52	0.010	0.11	0.5	0.02	3.5	0.2	<0.05	7	<0.5	<0.2
1112412	Soil		33	37	0.57	150	0.073	2	2.40	0.013	0.12	0.2	0.04	3.8	0.2	<0.05	6	<0.5	<0.2
1112401	Soil		52	34	0.57	116	0.103	2	2.06	0.010	0.10	0.3	0.04	3.7	0.2	<0.05	7	<0.5	<0.2
1112424	Soil		51	49	0.73	139	0.103	3	2.96	0.010	0.12	0.3	0.05	4.9	0.3	<0.05	9	<0.5	<0.2

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Project: ECH
Report Date: August 20, 2011

CERTIFICATE OF ANALYSIS DAW11000125.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1112433	Soil	0.9	17.1	13.4	59	<0.1	20.0	9.3	293	3.04	7.6	3.6	<0.5	29.1	14	0.1	0.5	0.5	70	0.13	0.018
1112422	Soil	0.9	12.3	12.4	29	<0.1	7.0	3.3	135	1.65	4.8	1.6	0.7	4.0	17	0.2	0.3	0.3	50	0.14	0.032
1112418	Soil	0.8	22.1	13.2	73	<0.1	25.6	9.3	227	2.94	5.1	5.2	2.1	26.6	26	0.1	0.5	0.5	61	0.32	0.054
1112420	Soil	0.7	19.1	13.9	69	<0.1	22.6	10.2	233	3.70	6.5	2.2	1.2	28.1	18	0.1	0.4	0.3	75	0.22	0.033
1112416	Soil	1.2	27.7	11.9	71	<0.1	23.7	8.8	296	2.95	7.3	6.5	5.1	23.3	23	0.2	0.6	0.2	62	0.27	0.055
1112414	Soil	0.8	21.3	12.0	81	<0.1	33.4	15.9	453	3.59	6.5	2.6	2.6	25.0	17	<0.1	0.4	0.3	74	0.21	0.030
1127819	Soil	0.6	10.3	11.4	60	<0.1	10.7	6.8	888	1.88	2.0	3.7	1.9	3.7	22	0.5	0.2	0.3	42	0.25	0.065
1127832	Soil	0.6	17.9	15.3	67	<0.1	18.5	9.2	513	2.57	4.3	3.3	2.2	6.1	14	0.2	0.4	2.0	52	0.25	0.083
1127829	Soil	0.6	18.5	11.3	70	<0.1	20.7	9.0	475	2.43	6.0	1.7	2.1	6.0	14	0.3	0.4	0.4	50	0.24	0.080
1127826	Soil	0.7	21.0	12.3	72	<0.1	20.9	9.3	557	2.45	6.6	2.4	2.2	5.8	16	0.3	0.5	0.4	53	0.24	0.087
1127828	Soil	0.5	19.9	11.6	65	<0.1	21.2	10.1	519	2.64	6.3	1.3	3.2	5.8	15	0.3	0.4	0.3	57	0.24	0.082
1127827	Soil	0.8	23.7	18.3	86	<0.1	19.2	10.4	767	2.58	4.9	6.0	<0.5	3.8	30	0.3	0.4	0.9	53	0.39	0.082
1127830	Soil	0.7	16.5	11.3	68	<0.1	18.8	9.1	460	2.66	6.6	1.0	1.5	3.9	12	0.2	0.4	0.3	53	0.17	0.080
1127831	Soil	0.6	19.0	15.7	71	<0.1	18.4	9.2	524	2.60	4.9	3.4	1.0	6.4	15	0.2	0.3	1.8	53	0.25	0.081
1127814	Soil	0.8	24.2	10.3	77	<0.1	23.2	10.9	473	2.86	6.9	1.4	1.4	6.9	16	0.1	0.4	0.2	58	0.25	0.086
1127823	Soil	0.9	15.5	16.2	47	<0.1	10.9	4.9	227	2.03	4.5	4.7	0.6	1.2	10	0.1	0.3	0.3	45	0.10	0.067
1127821	Soil	0.8	18.3	16.8	77	<0.1	19.4	9.7	529	2.71	5.8	7.0	3.1	7.4	16	0.2	0.3	0.5	54	0.26	0.090
1127803	Soil	1.3	23.3	12.0	72	<0.1	25.2	16.6	591	3.46	4.6	3.2	1.1	5.9	20	0.1	0.3	0.3	73	0.25	0.071
1127810	Soil	0.9	24.3	9.9	70	<0.1	30.6	13.3	416	2.83	6.6	0.7	5.8	3.1	14	0.3	0.6	0.2	60	0.17	0.042
1127806	Soil	1.0	23.9	6.6	30	<0.1	8.0	2.9	61	1.25	3.3	0.8	2.3	0.6	14	0.2	0.3	0.3	33	0.13	0.051
1127813	Soil	0.9	27.7	9.6	79	<0.1	25.0	14.3	585	3.26	4.3	3.5	3.1	8.5	18	0.2	0.3	0.3	66	0.36	0.087
1127812	Soil	0.7	25.4	6.6	66	<0.1	23.2	11.0	431	2.40	4.9	2.0	2.4	7.4	16	0.3	0.4	0.2	53	0.35	0.114
1127809	Soil	0.7	21.1	7.1	60	<0.1	27.3	13.3	403	2.74	5.2	1.0	6.2	4.7	17	0.2	0.4	0.2	66	0.36	0.097
1127811	Soil	0.5	15.2	5.1	34	<0.1	9.2	4.6	163	1.42	1.9	0.9	1.5	1.0	12	0.1	0.2	0.1	32	0.14	0.053
1127815	Soil	0.4	19.2	6.1	67	<0.1	23.7	13.3	471	3.02	2.9	1.8	0.5	7.6	16	0.1	0.2	0.2	62	0.43	0.117
1127818	Soil	1.0	19.6	9.4	59	<0.1	22.7	10.1	295	2.78	5.2	3.6	2.7	8.3	20	<0.1	0.4	0.3	68	0.32	0.086
1127820	Soil	0.9	18.0	19.4	83	0.1	19.2	10.8	673	2.74	5.0	8.3	2.0	6.2	15	0.3	0.4	0.4	52	0.26	0.089
1127805	Soil	0.7	23.3	6.9	75	<0.1	27.5	11.1	400	2.72	5.3	1.9	3.0	8.2	15	0.2	0.4	0.2	59	0.31	0.088
1127817	Soil	0.8	21.8	7.1	66	<0.1	25.2	12.0	489	2.74	5.0	1.4	4.5	8.1	18	0.2	0.4	0.2	64	0.40	0.119
1127822	Soil	0.7	18.8	11.6	68	<0.1	18.4	8.3	402	2.30	3.7	4.1	6.8	5.0	14	0.2	0.4	0.3	52	0.27	0.083

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1112433	Soil		64	34	0.58	127	0.087	2	2.19	0.009	0.16	0.5	0.03	3.7	0.2	<0.05	8	<0.5	<0.2
1112422	Soil		27	15	0.21	95	0.059	2	1.02	0.010	0.06	0.1	0.04	1.6	0.1	<0.05	7	<0.5	<0.2
1112418	Soil		68	43	0.72	195	0.090	2	1.84	0.013	0.15	0.4	0.03	5.0	0.2	<0.05	7	0.6	<0.2
1112420	Soil		39	45	0.79	115	0.113	2	2.56	0.011	0.14	0.4	0.03	4.1	0.3	<0.05	9	<0.5	<0.2
1112416	Soil		65	35	0.59	235	0.089	2	2.03	0.012	0.10	0.3	0.05	5.1	0.2	<0.05	7	<0.5	<0.2
1112414	Soil		54	53	1.14	152	0.131	1	2.71	0.011	0.27	0.3	0.02	5.1	0.5	<0.05	9	<0.5	<0.2
1127819	Soil		14	21	0.45	149	0.045	2	1.51	0.012	0.07	0.1	0.04	2.1	0.3	0.07	6	<0.5	<0.2
1127832	Soil		16	30	0.57	114	0.102	1	1.74	0.011	0.23	0.3	0.03	3.0	0.3	<0.05	6	<0.5	<0.2
1127829	Soil		14	25	0.51	124	0.091	1	1.83	0.012	0.13	0.2	0.03	2.8	0.2	<0.05	6	<0.5	<0.2
1127826	Soil		15	26	0.55	142	0.088	1	1.70	0.013	0.15	0.2	0.03	2.8	0.2	<0.05	6	0.7	<0.2
1127828	Soil		13	28	0.54	103	0.100	1	1.85	0.012	0.11	0.3	0.04	2.8	0.2	<0.05	6	<0.5	<0.2
1127827	Soil		19	26	0.60	196	0.088	2	2.00	0.020	0.13	0.5	0.04	3.6	0.3	0.08	7	<0.5	<0.2
1127830	Soil		11	26	0.48	77	0.090	1	1.95	0.009	0.10	0.1	0.05	2.5	0.2	0.05	6	0.5	<0.2
1127831	Soil		16	29	0.57	116	0.099	1	1.75	0.011	0.22	0.2	0.02	3.2	0.3	<0.05	6	<0.5	<0.2
1127814	Soil		15	30	0.63	126	0.099	2	1.83	0.014	0.12	0.2	0.03	2.7	0.2	<0.05	6	<0.5	<0.2
1127823	Soil		9	19	0.28	75	0.045	2	1.43	0.012	0.05	0.1	0.07	1.6	0.2	0.07	6	<0.5	<0.2
1127821	Soil		15	29	0.55	144	0.091	<1	1.90	0.011	0.16	0.2	0.02	3.5	0.3	<0.05	7	<0.5	<0.2
1127803	Soil		21	45	0.88	185	0.151	2	2.38	0.014	0.17	0.2	0.04	3.8	0.4	<0.05	9	<0.5	<0.2
1127810	Soil		10	31	0.61	107	0.076	2	2.16	0.012	0.05	0.1	0.03	2.8	0.1	<0.05	6	<0.5	<0.2
1127806	Soil		6	17	0.16	51	0.043	1	1.10	0.025	0.03	<0.1	0.04	1.5	0.2	<0.05	4	0.7	<0.2
1127813	Soil		23	40	0.83	162	0.134	1	1.94	0.019	0.26	0.3	0.03	4.2	0.3	<0.05	7	<0.5	<0.2
1127812	Soil		15	28	0.63	110	0.106	2	1.58	0.020	0.17	0.3	0.03	2.9	0.2	<0.05	5	<0.5	<0.2
1127809	Soil		12	36	0.66	98	0.121	3	1.75	0.013	0.12	0.3	0.04	2.7	0.2	<0.05	5	<0.5	<0.2
1127811	Soil		7	14	0.27	66	0.050	2	0.95	0.023	0.05	0.1	0.02	1.2	<0.1	<0.05	3	<0.5	<0.2
1127815	Soil		18	39	0.97	188	0.179	3	1.85	0.017	0.41	0.2	<0.01	3.6	0.3	<0.05	7	<0.5	<0.2
1127818	Soil		30	36	0.73	164	0.100	2	1.86	0.018	0.10	0.2	0.05	3.6	0.2	<0.05	7	<0.5	<0.2
1127820	Soil		16	27	0.51	143	0.081	<1	1.90	0.014	0.17	0.2	0.03	3.4	0.3	<0.05	7	0.5	<0.2
1127805	Soil		17	34	0.66	105	0.111	3	1.85	0.014	0.12	0.3	0.04	3.0	0.2	<0.05	6	<0.5	<0.2
1127817	Soil		18	34	0.78	173	0.145	2	1.70	0.019	0.20	0.2	0.02	3.6	0.2	<0.05	6	<0.5	<0.2
1127822	Soil		14	24	0.50	100	0.089	1	1.53	0.013	0.13	0.2	0.03	2.9	0.2	<0.05	5	<0.5	<0.2

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600 - 666 Burrard St.
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Project: ECH
Report Date: August 20, 2011

CERTIFICATE OF ANALYSIS DAW11000125.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1127804	Soil		1.3	29.9	9.3	80	<0.1	28.5	15.9	584	3.48	4.2	4.0	0.6	9.1	17	0.2	0.3	0.2	81	0.37	0.098
1127807	Soil		1.6	33.5	11.4	79	<0.1	26.6	17.2	745	3.77	5.5	8.5	1.2	6.7	21	<0.1	0.3	0.4	79	0.30	0.067
1127808	Soil		1.2	18.2	9.9	69	<0.1	20.6	11.2	364	3.23	2.3	1.2	3.3	2.6	15	0.1	0.3	0.2	85	0.23	0.067
1127801	Soil		0.6	22.3	8.6	80	<0.1	25.5	13.3	492	3.10	3.5	1.7	1.0	8.3	15	0.2	0.2	0.2	65	0.38	0.105
1127802	Soil		0.7	28.4	8.5	84	<0.1	27.4	15.2	535	3.49	3.6	3.3	2.3	10.2	17	0.2	0.3	0.2	74	0.38	0.103
1127816	Soil		0.7	18.9	6.6	61	<0.1	21.6	11.3	422	2.73	3.7	1.4	15.0	7.1	16	0.1	0.3	1.5	62	0.40	0.118
1127824	Soil		0.6	14.8	22.2	86	<0.1	12.4	10.3	749	2.73	3.5	6.0	1.6	6.2	11	0.6	0.3	0.3	45	0.20	0.080
1127825	Soil		0.6	20.7	11.7	74	<0.1	20.7	9.3	440	2.54	5.5	1.3	13.5	3.7	16	0.2	0.4	0.3	59	0.28	0.087
1125117	Soil		1.0	16.2	11.3	58	<0.1	17.5	9.4	386	2.36	4.5	2.6	3.3	9.6	20	0.1	0.3	0.2	60	0.34	0.080
1125106	Soil		0.9	19.7	8.9	67	<0.1	21.9	10.2	455	2.47	6.4	2.2	1.1	15.4	18	0.3	0.4	0.7	61	0.32	0.078
1125113	Soil		1.0	23.1	9.8	64	<0.1	23.1	12.1	444	2.77	5.7	2.2	2.2	11.4	21	0.2	0.4	0.3	69	0.44	0.107
1125118	Soil		1.4	14.4	11.8	45	<0.1	13.8	7.0	273	2.61	4.2	1.4	3.0	9.5	12	0.1	0.4	0.3	78	0.16	0.041
1125116	Soil		1.3	15.7	12.5	72	<0.1	20.5	11.4	398	2.61	4.7	2.7	1.0	11.6	23	<0.1	0.3	0.3	66	0.41	0.093
1125114	Soil		1.3	26.2	11.6	71	<0.1	25.8	11.9	432	2.93	6.2	4.1	1.6	13.8	22	0.2	0.4	0.4	72	0.33	0.081
1125108	Soil		1.0	19.4	11.3	72	<0.1	22.7	9.6	401	2.49	4.7	1.8	2.7	14.7	18	0.3	0.4	0.2	60	0.34	0.082
1125120	Soil		1.2	16.4	9.1	57	<0.1	15.3	9.3	388	2.27	4.3	2.7	4.9	6.8	14	<0.1	0.3	0.5	57	0.18	0.060
1125119	Soil		1.2	16.5	10.9	56	<0.1	18.9	8.9	278	2.74	4.7	2.5	5.7	13.2	13	0.1	0.3	0.4	71	0.18	0.038
1125110	Soil		1.3	12.7	10.8	71	<0.1	18.7	10.8	376	2.85	4.7	1.5	0.6	16.7	15	0.1	0.3	0.3	67	0.39	0.113
1125111	Soil		1.6	17.5	15.2	66	<0.1	19.3	11.1	498	3.17	5.7	1.4	1.8	11.0	15	0.3	0.3	0.6	89	0.25	0.060
1125104	Soil		1.1	22.4	12.5	75	<0.1	23.0	11.0	538	2.74	5.4	3.3	7.3	20.5	15	0.2	0.4	0.6	59	0.27	0.075
1125112	Soil		1.8	25.9	15.8	75	<0.1	25.1	17.1	997	3.48	6.0	3.5	0.8	12.7	31	0.3	0.5	0.5	88	0.48	0.074
1125121	Soil		1.1	15.8	10.4	60	<0.1	18.5	10.2	262	2.55	3.4	2.6	0.9	11.5	21	0.2	0.3	0.3	62	0.33	0.080
1125107	Soil		1.5	17.7	16.7	68	<0.1	18.8	9.9	420	2.78	4.5	2.9	3.6	13.1	18	0.2	0.3	0.3	65	0.24	0.071
1125109	Soil		1.4	21.2	15.0	69	<0.1	22.0	12.1	448	3.15	5.3	3.7	3.8	20.9	15	0.2	0.4	0.3	72	0.19	0.063
1125105	Soil		1.1	17.5	10.7	66	<0.1	18.4	9.8	424	2.52	6.0	2.8	2.3	18.4	13	0.2	0.4	0.4	56	0.25	0.078
1125115	Soil		1.0	23.7	14.4	65	<0.1	23.3	9.0	214	2.39	5.9	5.6	3.0	13.7	18	0.1	0.4	0.4	68	0.25	0.071
1125124	Soil		1.0	14.8	9.0	58	<0.1	17.4	9.1	309	2.52	5.7	1.9	4.6	15.1	17	0.1	0.4	0.2	57	0.29	0.076
1125125	Soil		1.0	15.8	10.2	57	<0.1	17.6	6.9	167	1.94	4.2	2.7	4.7	9.4	18	0.2	0.3	0.3	50	0.24	0.063
1125126	Soil		1.0	14.5	9.8	57	<0.1	16.5	8.0	278	2.35	5.4	2.0	3.4	11.6	12	0.2	0.3	0.2	57	0.19	0.067
1125122	Soil		1.4	21.0	10.9	73	<0.1	22.3	11.3	498	2.86	7.7	2.9	4.3	17.3	18	0.2	0.4	0.3	65	0.29	0.087

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Project: ECH
Report Date: August 20, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1127804	Soil		23	48	1.10	192	0.191	1	2.43	0.019	0.34	0.3	0.03	4.4	0.4	<0.05	8	<0.5	<0.2
1127807	Soil		37	47	1.04	228	0.144	<1	2.40	0.022	0.17	0.2	0.04	4.8	0.4	0.05	8	<0.5	<0.2
1127808	Soil		10	48	0.71	110	0.180	<1	1.55	0.013	0.19	0.2	0.04	2.0	0.2	0.09	7	<0.5	<0.2
1127801	Soil		18	39	0.84	144	0.178	2	2.02	0.015	0.36	0.4	0.02	3.6	0.3	<0.05	7	<0.5	<0.2
1127802	Soil		29	46	1.03	218	0.204	4	2.33	0.015	0.48	0.3	0.02	5.0	0.4	<0.05	8	<0.5	<0.2
1127816	Soil		16	31	0.78	128	0.155	1	1.62	0.016	0.24	0.3	0.03	3.3	0.2	<0.05	6	<0.5	<0.2
1127824	Soil		15	21	0.35	77	0.050	1	1.18	0.010	0.12	0.1	0.05	2.4	0.2	0.05	6	<0.5	<0.2
1127825	Soil		14	27	0.51	76	0.095	<1	1.54	0.014	0.10	0.2	0.03	2.7	0.2	<0.05	5	<0.5	<0.2
1125117	Soil		29	32	0.57	161	0.102	<1	1.46	0.022	0.09	1.1	0.03	3.7	0.1	0.05	5	<0.5	<0.2
1125106	Soil		25	30	0.54	127	0.106	2	1.62	0.018	0.11	0.5	0.03	3.4	0.2	<0.05	5	<0.5	<0.2
1125113	Soil		30	34	0.62	142	0.117	1	1.58	0.022	0.14	2.1	0.03	3.7	0.2	<0.05	5	<0.5	<0.2
1125118	Soil		20	27	0.41	90	0.110	<1	1.40	0.012	0.07	0.4	0.03	2.5	0.1	<0.05	8	0.6	<0.2
1125116	Soil		23	35	0.64	166	0.107	2	1.72	0.022	0.11	0.9	0.03	3.9	0.2	<0.05	7	<0.5	<0.2
1125114	Soil		60	39	0.66	184	0.119	3	1.87	0.024	0.14	1.1	0.04	4.2	0.2	<0.05	6	<0.5	<0.2
1125108	Soil		18	26	0.50	115	0.094	<1	1.26	0.017	0.10	0.4	0.02	3.0	0.1	<0.05	5	<0.5	<0.2
1125120	Soil		22	27	0.42	106	0.079	<1	1.23	0.021	0.09	0.8	0.06	2.7	0.2	0.07	6	<0.5	<0.2
1125119	Soil		30	33	0.52	102	0.108	<1	1.65	0.017	0.07	0.5	0.04	3.4	0.2	<0.05	7	<0.5	<0.2
1125110	Soil		16	30	0.58	104	0.115	<1	1.47	0.020	0.14	2.8	0.03	3.4	0.2	<0.05	7	<0.5	<0.2
1125111	Soil		14	34	0.59	105	0.145	<1	1.48	0.018	0.17	1.1	0.03	3.4	0.2	<0.05	8	<0.5	<0.2
1125104	Soil		33	30	0.53	182	0.093	1	1.66	0.017	0.12	0.7	0.04	3.7	0.2	<0.05	6	<0.5	<0.2
1125112	Soil		54	41	0.67	280	0.118	2	1.81	0.028	0.18	0.8	0.06	3.9	0.3	0.09	8	<0.5	<0.2
1125121	Soil		30	31	0.56	182	0.094	<1	1.63	0.020	0.10	0.4	0.03	3.7	0.2	0.06	6	<0.5	<0.2
1125107	Soil		32	32	0.50	163	0.084	2	1.61	0.016	0.09	0.5	0.04	3.5	0.2	0.06	6	<0.5	<0.2
1125109	Soil		57	34	0.57	189	0.088	1	2.05	0.015	0.09	0.4	0.03	4.2	0.2	<0.05	7	<0.5	<0.2
1125105	Soil		30	27	0.46	126	0.094	3	1.51	0.015	0.11	0.7	0.04	3.3	0.2	<0.05	5	<0.5	<0.2
1125115	Soil		72	36	0.64	239	0.104	3	1.96	0.022	0.11	1.1	0.05	4.4	0.2	<0.05	7	<0.5	<0.2
1125124	Soil		21	26	0.49	105	0.100	2	1.38	0.015	0.10	0.9	0.02	3.0	0.2	<0.05	6	<0.5	<0.2
1125125	Soil		30	27	0.46	161	0.086	3	1.50	0.019	0.07	0.3	0.06	3.0	0.2	<0.05	6	<0.5	<0.2
1125126	Soil		23	26	0.43	115	0.069	3	1.37	0.014	0.06	0.8	0.04	2.8	0.1	<0.05	6	<0.5	<0.2
1125122	Soil		27	32	0.56	182	0.102	4	1.78	0.016	0.11	0.7	0.04	3.9	0.2	<0.05	7	<0.5	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1125123	Soil	1.0	11.8	10.2	42	<0.1	12.4	5.6	161	2.02	4.4	1.6	6.0	6.9	11	0.2	0.3	0.2	57	0.14	0.036
1125129	Soil	1.5	16.5	13.1	62	<0.1	19.2	8.8	306	2.87	7.1	2.8	3.1	14.0	14	0.2	0.4	0.3	69	0.15	0.052
1125131	Soil	1.2	14.2	8.9	77	<0.1	18.2	9.9	316	2.73	6.0	2.2	4.3	20.0	16	0.2	0.3	0.4	58	0.28	0.081
1125133	Soil	0.8	8.4	8.1	41	<0.1	9.4	4.6	144	1.70	3.7	1.6	1.1	8.2	12	<0.1	0.2	0.3	32	0.19	0.051
1125127	Soil	0.9	14.7	7.1	61	<0.1	18.4	8.6	358	2.34	5.4	1.8	1.3	11.9	16	0.3	0.3	0.2	55	0.30	0.085
1125132	Soil	1.8	14.1	11.4	63	<0.1	15.7	11.1	623	2.89	6.9	2.1	1.9	22.1	12	0.2	0.3	0.4	61	0.17	0.062
1125128	Soil	1.2	16.6	9.5	61	<0.1	18.1	9.6	374	2.73	6.6	2.3	10.1	19.7	13	0.2	0.4	0.2	62	0.21	0.063
1125130	Soil	1.1	15.0	8.8	75	<0.1	18.4	10.4	322	2.86	6.0	2.3	2.6	20.7	16	0.2	0.3	0.3	58	0.29	0.079

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Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: ECH
Report Date: August 20, 2011

CERTIFICATE OF ANALYSIS DAW11000125.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1125123	Soil	23	26	0.38	74	0.106	4	1.26	0.018	0.06	0.5	0.03	2.9	0.1	<0.05	6	<0.5	<0.2
1125129	Soil	29	33	0.48	126	0.085	3	1.85	0.016	0.07	0.3	0.05	3.4	0.2	<0.05	7	0.8	<0.2
1125131	Soil	28	26	0.47	151	0.102	2	1.48	0.017	0.10	1.0	0.03	3.7	0.2	<0.05	6	<0.5	<0.2
1125133	Soil	26	18	0.35	84	0.086	3	1.08	0.018	0.07	0.2	0.04	2.8	0.2	<0.05	6	<0.5	<0.2
1125127	Soil	21	26	0.44	121	0.103	3	1.33	0.017	0.09	0.7	0.04	3.1	0.1	<0.05	5	<0.5	<0.2
1125132	Soil	25	29	0.47	110	0.102	4	1.95	0.012	0.10	0.5	0.04	3.5	0.2	<0.05	8	<0.5	<0.2
1125128	Soil	25	27	0.44	98	0.103	3	1.74	0.016	0.09	0.5	0.04	3.3	0.2	<0.05	7	<0.5	<0.2
1125130	Soil	30	27	0.47	150	0.106	2	1.53	0.016	0.11	1.1	0.02	3.7	0.2	<0.05	7	<0.5	<0.2

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

Project: ECH
Report Date: August 20, 2011

QUALITY CONTROL REPORT DAW11000125.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1122018	Soil	1.0	22.2	10.4	73	<0.1	19.2	10.1	458	3.19	6.6	5.3	7.9	19.8	17	<0.1	0.4	0.7	56	0.34	0.109
REP 1122018	QC	1.1	23.6	10.9	72	<0.1	20.0	10.7	486	3.31	7.2	5.5	4.6	20.0	18	0.1	0.4	0.8	56	0.34	0.107
1122006	Soil	1.1	22.2	11.4	72	<0.1	23.4	12.5	538	3.25	5.4	2.3	1.9	15.6	16	0.2	0.4	0.2	74	0.36	0.102
REP 1122006	QC	1.2	21.3	11.3	74	<0.1	23.0	12.6	528	3.11	5.5	2.3	3.9	15.7	16	0.2	0.4	0.2	72	0.34	0.106
1127913	Soil	1.2	22.8	12.8	80	<0.1	25.0	11.2	577	2.75	7.4	4.8	2.1	22.4	19	0.3	0.5	0.4	61	0.27	0.082
REP 1127913	QC	1.1	22.3	12.9	80	<0.1	26.0	11.0	591	2.79	6.9	5.0	6.0	22.7	19	0.3	0.6	0.4	62	0.27	0.080
1127904	Soil	0.6	14.2	8.7	59	<0.1	16.5	8.3	406	2.35	4.9	1.4	4.0	5.4	13	0.2	0.3	0.6	49	0.24	0.082
REP 1127904	QC	0.7	14.7	8.6	60	<0.1	17.1	8.7	402	2.38	5.0	1.3	1.3	5.3	13	0.2	0.3	0.6	49	0.25	0.083
1112426	Soil	0.7	14.1	10.2	61	<0.1	17.2	8.6	334	2.78	5.1	2.2	1.4	19.3	12	0.2	0.4	0.4	61	0.15	0.034
REP 1112426	QC	0.7	13.7	9.9	62	<0.1	16.6	8.4	316	2.78	5.0	2.1	2.5	18.8	12	0.2	0.4	0.3	59	0.15	0.033
1127814	Soil	0.8	24.2	10.3	77	<0.1	23.2	10.9	473	2.86	6.9	1.4	1.4	6.9	16	0.1	0.4	0.2	58	0.25	0.086
REP 1127814	QC	0.9	24.8	10.0	76	<0.1	23.8	11.1	478	2.90	6.7	1.5	2.7	7.1	16	0.2	0.4	0.2	59	0.27	0.087
1127807	Soil	1.6	33.5	11.4	79	<0.1	26.6	17.2	745	3.77	5.5	8.5	1.2	6.7	21	<0.1	0.3	0.4	79	0.30	0.067
REP 1127807	QC	1.9	36.9	11.4	84	<0.1	28.8	18.4	777	4.02	5.6	8.6	1.2	6.7	22	0.1	0.3	0.4	79	0.31	0.067
1125118	Soil	1.4	14.4	11.8	45	<0.1	13.8	7.0	273	2.61	4.2	1.4	3.0	9.5	12	0.1	0.4	0.3	78	0.16	0.041
REP 1125118	QC	1.3	14.2	12.4	50	<0.1	15.2	7.2	282	2.72	5.9	1.5	6.6	9.5	13	0.2	0.4	0.3	80	0.17	0.043
Reference Materials																					
STD DS8	Standard	14.9	118.4	127.7	322	1.8	40.7	7.9	653	2.62	26.6	3.2	115.6	8.0	77	2.1	6.3	6.8	46	0.74	0.081
STD DS8	Standard	15.4	115.0	130.0	310	1.7	40.2	8.3	625	2.53	26.2	2.9	106.0	7.4	78	2.3	4.9	6.7	45	0.76	0.079
STD DS8	Standard	12.9	108.6	127.9	304	1.7	36.9	7.2	599	2.33	26.1	2.7	101.0	6.8	67	2.2	5.6	6.9	42	0.65	0.078
STD DS8	Standard	13.4	113.9	129.5	330	1.8	40.6	8.1	638	2.58	24.9	2.9	120.8	6.9	72	2.2	6.1	7.3	45	0.72	0.079
STD DS8	Standard	13.5	111.3	128.3	315	1.7	38.8	7.8	636	2.57	24.4	3.0	115.6	7.7	72	2.2	6.0	7.2	46	0.70	0.078
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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

Project: ECH
Report Date: August 20, 2011

QUALITY CONTROL REPORT DAW11000125.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1122018	Soil	68	27	0.58	160	0.128	2	1.78	0.013	0.25	0.6	0.03	4.4	0.4	<0.05	7	0.6	<0.2
REP 1122018	QC	70	27	0.60	165	0.130	2	1.78	0.012	0.26	0.5	0.04	4.6	0.4	<0.05	8	<0.5	<0.2
1122006	Soil	50	33	0.77	155	0.145	2	1.75	0.016	0.33	0.4	0.04	4.6	0.4	<0.05	7	<0.5	<0.2
REP 1122006	QC	50	30	0.77	150	0.141	2	1.83	0.016	0.32	0.4	0.03	4.4	0.4	<0.05	6	<0.5	<0.2
1127913	Soil	40	33	0.59	165	0.085	1	1.75	0.014	0.10	0.7	0.04	3.7	0.2	<0.05	6	<0.5	<0.2
REP 1127913	QC	41	34	0.58	169	0.091	1	1.77	0.015	0.10	0.6	0.04	3.7	0.2	<0.05	6	<0.5	<0.2
1127904	Soil	13	24	0.55	128	0.111	1	1.58	0.013	0.15	0.2	0.03	2.8	0.2	<0.05	6	<0.5	<0.2
REP 1127904	QC	13	24	0.54	133	0.111	1	1.57	0.013	0.16	0.2	0.03	2.8	0.2	<0.05	6	<0.5	<0.2
1112426	Soil	28	30	0.54	79	0.092	2	1.86	0.010	0.12	0.4	0.03	2.9	0.2	<0.05	7	<0.5	<0.2
REP 1112426	QC	28	29	0.51	81	0.094	1	1.82	0.010	0.12	0.4	0.02	2.8	0.1	<0.05	7	<0.5	<0.2
1127814	Soil	15	30	0.63	126	0.099	2	1.83	0.014	0.12	0.2	0.03	2.7	0.2	<0.05	6	<0.5	<0.2
REP 1127814	QC	16	30	0.64	128	0.101	2	1.80	0.014	0.12	0.3	0.03	2.8	0.2	<0.05	6	<0.5	<0.2
1127807	Soil	37	47	1.04	228	0.144	<1	2.40	0.022	0.17	0.2	0.04	4.8	0.4	0.05	8	<0.5	<0.2
REP 1127807	QC	38	47	1.07	229	0.146	<1	2.49	0.023	0.18	0.2	0.04	4.8	0.4	0.07	9	<0.5	<0.2
1125118	Soil	20	27	0.41	90	0.110	<1	1.40	0.012	0.07	0.4	0.03	2.5	0.1	<0.05	8	0.6	<0.2
REP 1125118	QC	21	29	0.44	93	0.119	<1	1.48	0.014	0.07	0.4	0.03	2.8	0.1	<0.05	8	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	17	126	0.64	295	0.139	4	1.01	0.117	0.47	3.2	0.21	4.0	5.7	0.14	5	5.8	5.1
STD DS8	Standard	16	126	0.64	278	0.132	3	1.02	0.095	0.46	2.8	0.21	2.8	5.5	0.15	5	5.1	4.9
STD DS8	Standard	14	116	0.60	264	0.119	2	0.92	0.090	0.39	3.1	0.18	2.0	5.4	0.19	5	4.5	4.8
STD DS8	Standard	14	126	0.61	288	0.123	3	0.92	0.085	0.43	3.4	0.23	2.4	5.7	0.14	5	5.5	5.4
STD DS8	Standard	15	121	0.63	284	0.123	3	0.94	0.093	0.45	3.0	0.21	2.0	5.6	0.16	5	4.6	4.6
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: August 02, 2011
Report Date: August 18, 2011
Page: 1 of 3

CERTIFICATE OF ANALYSIS DAW11000129.1

CLIENT JOB INFORMATION

Project: ECH
Shipment ID: ECH2011-18
P.O. Number
Number of Samples: 34

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	34	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	34	Dry at 60C			WHI
1DX2	34	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Project: ECH
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CERTIFICATE OF ANALYSIS DAW11000129.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1113268	Soil		1.4	24.8	12.8	76	<0.1	24.1	9.7	479	2.93	9.4	5.3	1.9	9.5	18	0.2	0.6	1.4	59	0.18	0.070
1113266	Soil		0.8	18.2	8.4	87	<0.1	22.2	8.5	432	2.54	7.7	1.3	6.7	7.7	18	0.2	0.5	0.5	54	0.22	0.073
1113267	Soil		0.9	21.2	10.5	72	<0.1	24.3	9.9	460	2.58	7.1	3.3	5.1	10.2	14	0.2	0.6	1.4	54	0.23	0.080
1113263	Soil		1.0	21.7	7.5	69	<0.1	19.3	9.8	513	2.87	5.6	6.3	2.4	16.4	17	0.2	0.4	1.2	56	0.36	0.123
1113265	Soil		1.0	21.8	9.6	67	<0.1	35.1	10.6	466	2.69	7.3	4.2	2.5	13.5	17	0.2	0.4	1.1	57	0.28	0.092
1113264	Soil		0.9	24.7	8.9	64	<0.1	27.7	11.2	447	2.76	8.1	4.6	2.2	14.0	17	0.2	0.5	1.0	59	0.25	0.075
1113284	Soil		0.7	21.2	12.4	63	<0.1	23.5	8.3	250	3.11	6.3	2.6	3.1	16.9	21	<0.1	0.5	1.0	59	0.26	0.044
1113270	Soil		1.7	21.7	19.1	74	0.2	19.9	8.5	617	2.94	8.9	5.4	3.4	9.0	32	0.3	0.6	2.0	59	0.37	0.081
1113262	Soil		1.1	26.6	9.6	78	<0.1	26.6	12.2	582	3.24	8.3	6.3	9.5	20.0	17	0.2	0.6	1.5	63	0.33	0.117
1113261	Soil		1.1	18.9	9.8	63	<0.1	19.8	8.8	434	2.71	7.9	3.8	0.9	13.7	12	0.1	0.6	0.7	57	0.14	0.052
1113282	Soil		0.5	18.0	12.5	64	<0.1	20.9	9.4	252	2.75	7.0	2.2	1.0	10.6	17	0.1	0.5	1.1	59	0.23	0.054
1113274	Soil		0.8	19.6	12.4	66	0.1	22.0	10.4	445	2.79	6.5	3.0	2.5	11.2	16	0.2	0.3	2.0	59	0.24	0.061
1113273	Soil		1.6	13.1	14.1	55	<0.1	15.8	8.0	453	2.60	6.0	1.5	6.0	7.8	18	<0.1	0.4	3.1	65	0.20	0.042
1113269	Soil		1.5	21.1	20.6	61	0.2	18.3	8.4	501	3.32	8.4	2.7	6.3	12.1	11	0.2	0.6	1.7	74	0.10	0.037
1113272	Soil		0.9	27.4	13.6	68	<0.1	26.2	14.2	580	3.10	6.6	6.1	2.0	16.5	15	0.2	0.4	1.2	64	0.25	0.081
1113271	Soil		0.8	19.2	11.1	59	<0.1	19.4	9.0	396	2.86	7.3	2.6	0.9	10.7	16	0.1	0.5	0.9	61	0.19	0.051
1113260	Soil		0.8	20.4	8.7	63	<0.1	21.7	9.0	405	2.64	7.8	2.6	5.4	15.2	14	0.2	0.5	0.8	55	0.17	0.046
1113280	Soil		0.8	19.0	9.6	64	<0.1	20.9	8.3	327	2.69	7.8	2.0	6.4	8.4	16	0.2	0.5	1.0	60	0.19	0.051
1113277	Soil		1.0	16.4	11.4	62	<0.1	21.4	9.0	343	3.13	7.5	1.2	1.6	9.1	14	0.1	0.5	1.7	68	0.16	0.033
1113283	Soil		0.7	21.0	12.3	65	<0.1	24.0	8.9	269	3.19	6.4	2.4	2.5	16.5	22	<0.1	0.5	1.0	62	0.28	0.046
1113276	Soil		0.8	17.5	8.7	61	<0.1	19.7	8.5	314	2.58	6.5	2.1	4.8	7.4	19	0.2	0.4	1.1	56	0.24	0.046
1113278	Soil		1.0	23.3	10.6	65	<0.1	27.8	10.0	416	2.78	7.3	2.8	4.5	14.3	19	0.2	0.5	1.4	59	0.24	0.057
1113279	Soil		0.8	20.4	8.9	62	<0.1	22.1	8.5	362	2.56	6.6	2.6	2.6	8.7	17	0.1	0.5	1.1	57	0.23	0.057
1113281	Soil		0.5	10.8	5.9	19	<0.1	4.3	2.0	62	0.97	1.2	0.9	0.6	0.2	8	0.1	0.1	0.4	24	0.06	0.031
1113254	Soil		1.1	29.3	6.4	70	<0.1	29.5	12.1	501	2.73	6.5	3.8	2.6	10.6	16	0.2	0.5	0.3	60	0.28	0.080
1113255	Soil		1.0	22.8	7.3	66	<0.1	28.8	11.1	466	2.88	5.8	6.1	3.8	14.1	16	0.2	0.4	0.4	61	0.29	0.087
1113275	Soil		0.5	21.1	11.8	64	<0.1	22.3	9.7	311	2.74	7.5	3.0	1.6	11.5	15	0.2	0.4	1.3	57	0.18	0.035
1113256	Soil		0.7	18.4	8.3	62	<0.1	20.0	6.8	254	2.47	5.9	3.4	1.6	12.8	12	0.1	0.5	0.8	48	0.16	0.046
1113252	Soil		0.7	19.7	5.1	50	<0.1	20.5	9.5	314	2.23	4.5	1.0	<0.5	5.8	18	0.2	0.4	0.2	46	0.31	0.085
1113258	Soil		0.8	16.3	7.3	55	<0.1	18.1	7.5	323	2.77	5.4	2.1	1.9	8.8	12	0.1	0.4	1.7	55	0.16	0.043

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

Project: ECH
Report Date: August 18, 2011

CERTIFICATE OF ANALYSIS DAW11000129.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1113268	Soil	51	31	0.57	178	0.049	<1	2.13	0.017	0.09	0.2	0.04	3.0	0.2	<0.05	7	0.5	<0.2
1113266	Soil	13	27	0.54	143	0.063	<1	1.71	0.011	0.08	0.2	0.04	2.5	0.1	<0.05	5	<0.5	<0.2
1113267	Soil	34	28	0.57	115	0.069	<1	1.75	0.012	0.11	0.2	0.02	2.8	0.2	<0.05	6	<0.5	<0.2
1113263	Soil	36	29	0.59	134	0.098	<1	1.58	0.014	0.21	0.3	0.02	4.3	0.3	<0.05	6	0.7	<0.2
1113265	Soil	30	44	0.67	125	0.086	1	1.92	0.014	0.11	0.2	0.03	3.1	0.2	<0.05	6	0.7	<0.2
1113264	Soil	50	34	0.65	174	0.089	1	2.02	0.014	0.14	0.7	0.01	4.3	0.3	<0.05	6	<0.5	<0.2
1113284	Soil	30	42	0.58	203	0.056	<1	2.12	0.011	0.07	0.2	0.03	5.0	0.2	<0.05	7	<0.5	<0.2
1113270	Soil	86	34	0.48	267	0.041	2	1.72	0.013	0.10	0.3	0.06	3.4	0.2	0.07	7	0.8	<0.2
1113262	Soil	60	40	0.72	138	0.103	1	1.92	0.014	0.22	0.5	0.02	3.8	0.4	<0.05	7	<0.5	<0.2
1113261	Soil	37	29	0.50	114	0.056	<1	1.82	0.010	0.09	0.3	0.05	2.8	0.2	<0.05	7	<0.5	<0.2
1113282	Soil	19	36	0.58	139	0.074	<1	2.15	0.012	0.08	0.2	0.02	3.5	0.2	<0.05	7	0.7	<0.2
1113274	Soil	32	36	0.62	144	0.075	1	1.81	0.012	0.12	0.2	0.02	3.5	0.2	<0.05	6	0.9	<0.2
1113273	Soil	12	30	0.49	118	0.080	<1	1.41	0.011	0.13	0.2	0.02	2.6	0.2	<0.05	7	<0.5	<0.2
1113269	Soil	22	31	0.46	118	0.064	<1	1.87	0.010	0.07	0.3	0.04	3.0	0.2	<0.05	9	0.8	<0.2
1113272	Soil	84	42	0.69	174	0.070	1	2.29	0.014	0.18	0.3	0.06	6.7	0.3	<0.05	7	0.8	<0.2
1113271	Soil	32	30	0.58	149	0.071	1	1.83	0.011	0.09	0.3	0.03	3.7	0.2	<0.05	7	<0.5	<0.2
1113260	Soil	34	30	0.58	116	0.073	2	1.89	0.012	0.08	0.2	0.03	3.3	0.1	<0.05	6	0.7	<0.2
1113280	Soil	19	32	0.58	147	0.068	<1	1.83	0.011	0.07	0.2	0.02	3.1	0.1	<0.05	6	0.8	<0.2
1113277	Soil	15	37	0.62	118	0.097	<1	1.84	0.011	0.08	0.2	0.03	2.9	0.2	<0.05	7	<0.5	<0.2
1113283	Soil	30	42	0.64	200	0.064	1	2.26	0.011	0.09	0.2	0.02	5.1	0.2	<0.05	8	0.8	<0.2
1113276	Soil	22	30	0.60	169	0.082	2	1.60	0.012	0.11	0.2	0.02	3.1	0.2	<0.05	6	<0.5	<0.2
1113278	Soil	37	40	0.65	172	0.084	1	2.16	0.014	0.10	0.3	0.02	4.1	0.2	<0.05	7	<0.5	<0.2
1113279	Soil	26	34	0.57	174	0.075	2	1.74	0.013	0.07	0.2	0.03	3.9	0.1	<0.05	6	0.5	<0.2
1113281	Soil	7	10	0.11	58	0.019	<1	0.48	0.015	0.03	<0.1	0.02	0.5	<0.1	<0.05	4	0.5	<0.2
1113254	Soil	26	37	0.70	112	0.089	2	1.84	0.016	0.12	0.6	0.02	3.5	0.2	<0.05	6	0.5	<0.2
1113255	Soil	36	44	0.70	110	0.095	1	1.86	0.014	0.13	0.6	0.02	3.9	0.2	<0.05	7	0.8	<0.2
1113275	Soil	22	37	0.61	132	0.087	2	2.23	0.013	0.10	0.2	0.03	3.9	0.2	<0.05	6	<0.5	<0.2
1113256	Soil	38	28	0.57	80	0.062	1	1.99	0.010	0.08	0.5	0.03	2.9	0.2	<0.05	6	0.7	<0.2
1113252	Soil	12	25	0.54	81	0.081	2	1.57	0.014	0.09	1.3	0.03	2.7	0.2	<0.05	4	0.5	<0.2
1113258	Soil	29	34	0.56	72	0.079	<1	1.76	0.010	0.10	0.3	0.05	2.7	0.1	<0.05	6	0.6	<0.2

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

Project: ECH
Report Date: August 18, 2011

CERTIFICATE OF ANALYSIS DAW11000129.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1113257 Soil	0.8	19.5	6.6	53	<0.1	22.1	9.2	357	2.42	6.5	2.4	2.3	12.7	16	<0.1	0.4	0.4	52	0.22	0.047
1113259 Soil	0.6	15.1	5.6	54	<0.1	20.4	8.9	376	2.18	4.5	1.9	0.5	13.4	13	0.2	0.3	0.6	45	0.19	0.048
1113253 Soil	0.6	20.3	6.0	60	<0.1	20.3	9.9	428	2.20	4.4	2.1	0.8	11.2	15	0.2	0.3	0.2	48	0.30	0.084
1113251 Soil	0.9	21.8	7.4	55	<0.1	20.4	8.5	312	2.49	6.3	2.6	1.7	12.3	21	0.2	0.4	0.3	50	0.26	0.074

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CERTIFICATE OF ANALYSIS DAW11000129.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1113257	Soil	28	28	0.58	110	0.083	1	1.71	0.013	0.08	0.4	0.04	2.9	0.2	<0.05	5	<0.5	<0.2
1113259	Soil	21	25	0.49	83	0.081	<1	1.56	0.013	0.10	0.3	0.02	2.6	0.1	<0.05	5	0.8	<0.2
1113253	Soil	29	27	0.53	102	0.086	1	1.58	0.014	0.12	1.0	0.02	3.0	0.2	<0.05	5	<0.5	<0.2
1113251	Soil	35	29	0.50	126	0.084	<1	1.75	0.013	0.08	0.4	0.03	4.0	0.1	<0.05	6	<0.5	<0.2

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Vancouver BC V6C 1H2 Canada

Project: ECH
Report Date: August 18, 2011

QUALITY CONTROL REPORT DAW11000129.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1113277	Soil	1.0	16.4	11.4	62	<0.1	21.4	9.0	343	3.13	7.5	1.2	1.6	9.1	14	0.1	0.5	1.7	68	0.16	0.033
REP 1113277	QC	0.9	16.2	11.3	60	<0.1	20.2	8.4	326	2.98	7.1	1.2	0.9	8.5	13	0.2	0.4	1.7	65	0.16	0.032
Reference Materials																					
STD DS8	Standard	12.7	107.7	124.5	311	1.9	38.5	7.3	605	2.44	26.8	2.6	109.2	6.3	67	2.4	5.7	6.8	41	0.67	0.081
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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QUALITY CONTROL REPORT DAW11000129.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1113277	Soil	15	37	0.62	118	0.097	<1	1.84	0.011	0.08	0.2	0.03	2.9	0.2	<0.05	7	<0.5	<0.2
REP 1113277	QC	14	36	0.61	117	0.089	1	1.82	0.010	0.08	0.2	<0.01	2.8	0.2	<0.05	7	0.7	<0.2
Reference Materials																		
STD DS8	Standard	13	120	0.61	261	0.103	3	0.90	0.097	0.43	2.8	0.18	1.9	5.6	0.13	5	5.3	5.1
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
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Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: August 05, 2011
Report Date: August 21, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS DAW11000155.1

CLIENT JOB INFORMATION

Project: ECH
Shipment ID: ECH2011-19
P.O. Number
Number of Samples: 94

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	94	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	94	Dry at 60C			WHI
1DX2	94	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Project: ECH
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000155.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1115968	Soil		1.5	31.7	8.7	79	0.2	20.8	10.9	605	3.22	6.6	7.1	5.2	13.7	35	0.3	0.4	0.6	66	0.68	0.041
1115971	Soil		2.3	18.3	19.7	77	<0.1	20.0	8.8	408	3.47	7.3	2.5	6.0	15.6	16	0.2	0.4	1.4	64	0.19	0.037
1115970	Soil		1.3	19.9	9.3	70	0.1	18.2	8.5	313	3.50	6.9	3.4	4.6	18.8	17	0.1	0.3	1.2	63	0.24	0.047
1125150	Soil		1.9	20.7	10.2	95	<0.1	19.8	15.0	914	4.46	5.7	4.0	7.0	16.6	21	0.2	0.2	8.7	73	0.47	0.133
1125149	Soil		2.6	22.6	11.8	118	0.1	19.8	14.1	811	4.86	4.3	4.7	34.3	16.7	18	0.2	0.2	8.5	84	0.48	0.133
1125147	Soil		1.6	14.0	8.5	54	<0.1	16.1	6.5	254	2.48	3.8	5.3	2.8	9.8	14	0.1	0.2	0.4	49	0.19	0.056
1125148	Soil		1.9	15.6	10.1	70	<0.1	23.2	9.1	263	3.34	3.4	8.3	2.0	15.5	12	0.1	0.2	1.0	65	0.22	0.069
1115972	Soil		1.8	22.8	11.7	91	0.1	21.3	10.9	511	4.12	9.7	3.4	6.3	22.3	20	0.2	0.4	1.9	76	0.26	0.051
1115969	Soil		1.0	20.4	9.3	72	<0.1	20.0	10.0	371	3.39	6.8	2.6	20.0	17.4	18	0.1	0.3	0.6	61	0.28	0.060
1115537	Soil		1.2	19.8	8.4	78	<0.1	20.1	10.8	463	3.58	7.7	2.2	6.6	22.5	16	0.2	0.3	1.7	61	0.24	0.040
1115536	Soil		1.4	19.6	10.5	82	<0.1	19.0	9.4	402	3.64	8.4	2.8	5.7	19.7	17	0.2	0.4	1.6	65	0.22	0.043
1115545	Soil		1.0	31.2	6.2	76	<0.1	28.2	17.4	462	3.86	4.5	1.5	1.6	9.8	20	0.1	0.3	0.2	89	0.46	0.109
1125142	Soil		0.9	12.4	9.0	49	<0.1	12.4	4.6	147	1.92	4.1	2.2	2.6	5.8	15	0.2	0.2	0.4	40	0.18	0.056
1125139	Soil		1.0	14.1	7.8	55	<0.1	15.0	5.6	153	2.41	5.9	2.9	3.4	6.2	14	0.2	0.3	0.5	56	0.18	0.054
1125145	Soil		0.9	16.0	8.9	53	0.1	14.8	6.4	221	2.30	5.2	3.5	2.3	7.3	18	0.2	0.3	0.4	45	0.20	0.052
1125143	Soil		1.0	14.6	9.0	54	<0.1	15.2	6.4	227	2.39	5.8	2.4	1.2	8.3	14	0.1	0.2	0.4	57	0.20	0.052
1125144	Soil		1.0	13.0	8.3	49	<0.1	13.9	6.3	190	2.39	5.8	2.6	1.7	9.6	14	0.1	0.3	0.5	57	0.16	0.036
1125135	Soil		1.1	15.5	9.3	55	<0.1	16.6	6.6	269	2.65	7.2	2.9	<0.5	4.0	14	<0.1	0.4	0.7	67	0.15	0.054
1125140	Soil		1.1	14.5	7.6	56	<0.1	16.8	7.1	292	2.49	6.0	2.5	4.0	5.8	24	0.1	0.4	0.4	61	0.32	0.054
1125137	Soil		1.1	13.9	8.5	55	<0.1	16.0	6.6	211	2.58	5.9	2.8	1.8	4.8	14	0.1	0.3	0.6	59	0.16	0.059
1125146	Soil		1.0	16.8	7.4	68	<0.1	19.6	12.4	578	3.04	5.3	3.6	2.4	15.3	14	0.2	0.3	0.4	64	0.27	0.066
1125136	Soil		0.9	13.6	8.3	58	<0.1	16.1	7.0	244	2.40	5.4	3.4	2.0	5.9	14	0.2	0.3	0.7	58	0.15	0.056
1125138	Soil		0.9	13.7	8.1	52	<0.1	15.6	6.3	228	2.41	5.5	3.2	1.6	6.3	13	0.1	0.3	0.6	58	0.17	0.054
1125141	Soil		0.9	14.7	8.5	56	0.1	16.7	6.8	255	2.53	5.9	2.5	1.6	5.8	13	0.1	0.3	0.3	62	0.18	0.049
1115541	Soil		1.2	17.4	8.2	72	0.2	17.4	8.1	282	3.20	5.8	3.0	2.7	16.6	20	0.2	0.3	0.7	58	0.25	0.060
1115543	Soil		1.2	30.8	7.8	90	<0.1	18.2	17.0	651	4.41	2.6	1.7	2.9	14.1	20	<0.1	0.2	0.4	98	0.72	0.187
1115538	Soil		0.9	16.7	6.3	67	<0.1	13.4	8.7	369	3.09	4.5	2.6	23.9	24.2	15	0.1	0.2	2.0	46	0.33	0.062
1115539	Soil		1.3	20.5	7.8	78	<0.1	18.2	10.1	396	3.70	5.8	2.1	5.8	18.4	16	0.1	0.3	1.5	62	0.30	0.086
1115540	Soil		1.1	16.1	7.9	73	<0.1	17.4	8.7	347	3.13	5.6	2.2	9.2	16.7	16	<0.1	0.2	0.7	60	0.26	0.052
1115546	Soil		0.8	24.3	6.1	72	<0.1	28.5	14.6	392	3.55	5.4	1.0	6.0	6.6	19	0.1	0.2	0.2	82	0.44	0.103

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

Project: ECH
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000155.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1115968	Soil		53	29	0.61	351	0.119	2	1.83	0.015	0.21	0.4	0.03	5.0	0.3	<0.05	9	0.6	<0.2
1115971	Soil		33	34	0.46	171	0.134	1	1.83	0.014	0.19	0.5	0.03	3.8	0.4	<0.05	10	0.6	<0.2
1115970	Soil		33	33	0.52	187	0.131	2	2.07	0.017	0.17	0.5	0.04	4.5	0.3	<0.05	10	0.6	<0.2
1125150	Soil		35	35	0.65	171	0.114	2	1.85	0.014	0.23	0.4	0.02	4.9	0.2	<0.05	9	<0.5	<0.2
1125149	Soil		35	36	0.87	268	0.169	2	2.10	0.018	0.40	0.4	0.02	5.1	0.4	<0.05	12	<0.5	<0.2
1125147	Soil		40	33	0.42	127	0.086	2	1.54	0.013	0.15	0.3	0.03	3.5	0.2	<0.05	8	0.7	<0.2
1125148	Soil		41	57	0.72	132	0.110	1	2.06	0.014	0.24	0.4	0.04	5.5	0.3	<0.05	10	0.5	<0.2
1115972	Soil		40	38	0.60	217	0.135	3	2.30	0.015	0.19	0.4	0.03	4.9	0.4	<0.05	11	0.7	<0.2
1115969	Soil		28	34	0.58	175	0.130	2	2.00	0.015	0.15	0.5	0.04	4.6	0.3	<0.05	9	0.5	<0.2
1115537	Soil		33	32	0.58	169	0.148	2	1.94	0.015	0.21	0.6	0.01	4.3	0.4	<0.05	10	<0.5	<0.2
1115536	Soil		33	34	0.54	168	0.126	2	2.07	0.013	0.16	0.3	0.03	4.3	0.3	<0.05	10	0.6	<0.2
1115545	Soil		18	65	1.02	227	0.180	1	2.18	0.016	0.40	0.2	0.01	4.0	0.3	<0.05	9	<0.5	<0.2
1125142	Soil		25	23	0.34	129	0.068	2	1.47	0.012	0.08	0.3	0.04	2.5	0.2	<0.05	7	<0.5	<0.2
1125139	Soil		26	28	0.40	105	0.066	2	1.55	0.012	0.07	0.3	0.04	2.7	0.2	<0.05	7	<0.5	<0.2
1125145	Soil		36	26	0.39	134	0.073	2	1.69	0.015	0.09	0.2	0.04	3.2	0.2	<0.05	7	<0.5	<0.2
1125143	Soil		23	26	0.41	114	0.085	1	1.57	0.014	0.11	0.3	0.03	2.8	0.2	<0.05	7	<0.5	<0.2
1125144	Soil		23	25	0.39	111	0.091	1	1.55	0.012	0.09	0.3	0.02	2.9	0.2	<0.05	7	<0.5	<0.2
1125135	Soil		18	30	0.44	122	0.070	2	1.66	0.011	0.08	0.2	0.04	2.5	0.2	<0.05	8	0.6	<0.2
1125140	Soil		25	28	0.46	167	0.077	2	1.57	0.015	0.08	0.3	0.03	2.8	0.2	<0.05	7	<0.5	<0.2
1125137	Soil		24	29	0.44	133	0.071	2	1.74	0.012	0.08	0.2	0.04	2.8	0.2	<0.05	7	<0.5	<0.2
1125146	Soil		28	40	0.59	121	0.130	2	1.79	0.015	0.21	0.4	0.02	4.0	0.3	<0.05	8	<0.5	<0.2
1125136	Soil		26	27	0.43	148	0.074	2	1.70	0.013	0.09	0.2	0.04	3.1	0.2	<0.05	7	<0.5	<0.2
1125138	Soil		24	27	0.43	121	0.071	2	1.62	0.013	0.08	0.3	0.03	2.9	0.2	<0.05	7	<0.5	<0.2
1125141	Soil		23	28	0.41	117	0.077	2	1.56	0.013	0.08	0.2	0.04	2.8	0.2	<0.05	8	<0.5	<0.2
1115541	Soil		44	28	0.50	173	0.111	1	1.83	0.015	0.15	0.4	0.03	4.5	0.3	<0.05	9	<0.5	<0.2
1115543	Soil		21	27	0.81	161	0.204	<1	1.93	0.028	0.71	0.5	<0.01	4.8	0.5	<0.05	11	<0.5	<0.2
1115538	Soil		49	21	0.45	157	0.147	1	1.54	0.017	0.27	0.6	0.01	4.5	0.4	<0.05	9	<0.5	<0.2
1115539	Soil		34	28	0.60	171	0.161	2	1.97	0.015	0.22	0.8	0.02	4.5	0.4	<0.05	11	<0.5	<0.2
1115540	Soil		34	29	0.54	153	0.133	2	1.80	0.020	0.15	0.6	0.03	4.0	0.3	<0.05	9	<0.5	<0.2
1115546	Soil		16	56	0.95	195	0.175	1	2.03	0.016	0.26	0.3	0.02	3.8	0.2	<0.05	9	<0.5	<0.2

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Vancouver BC V6C 1H2 Canada

Project: ECH
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000155.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1115542	Soil	1.5	23.7	8.1	80	0.2	18.8	10.2	396	3.72	5.8	4.4	11.0	23.7	19	0.1	0.3	0.9	67	0.33	0.071
1115544	Soil	0.8	24.0	6.0	91	<0.1	28.5	15.6	585	3.55	3.5	2.0	3.1	14.3	23	0.1	0.2	0.3	74	0.51	0.081
1115702	Soil	0.8	19.6	8.8	64	<0.1	19.8	9.9	443	2.70	7.4	3.3	2.2	4.0	19	0.2	0.4	0.3	60	0.30	0.085
1115706	Soil	1.0	33.2	13.3	83	0.1	28.2	15.2	629	3.51	9.4	7.8	2.9	4.8	27	0.3	0.5	0.6	74	0.35	0.082
1115701	Soil	0.8	24.4	9.9	65	<0.1	20.7	10.1	452	2.86	7.4	3.5	1.7	4.8	16	0.2	0.3	0.4	67	0.25	0.063
1115704	Soil	0.7	21.1	12.1	65	0.2	19.6	8.5	350	2.51	6.2	3.9	2.2	2.5	24	0.2	0.3	0.5	53	0.30	0.066
1115705	Soil	0.8	14.8	10.0	49	0.2	14.3	7.3	298	2.37	4.7	2.1	6.0	2.4	12	0.3	0.3	0.4	60	0.16	0.058
1115707	Soil	0.7	25.0	9.6	73	<0.1	26.6	11.8	533	3.02	6.7	5.5	4.7	4.9	21	0.2	0.4	0.5	63	0.40	0.109
1115703	Soil	1.0	20.1	14.8	81	<0.1	21.4	11.3	541	3.40	8.2	3.3	3.6	3.5	24	0.2	0.4	0.5	68	0.31	0.061
1115708	Soil	0.5	21.2	8.4	75	<0.1	20.1	10.2	401	2.50	5.4	6.2	3.6	5.2	18	0.1	0.4	0.5	52	0.36	0.090
1115709	Soil	0.8	16.3	12.6	80	0.1	18.7	7.4	393	2.71	6.3	2.7	2.9	4.0	15	0.2	0.3	0.7	66	0.27	0.056
1115715	Soil	0.6	16.6	9.0	59	<0.1	17.6	8.6	326	2.35	4.5	3.2	6.1	4.1	18	0.2	0.3	0.3	51	0.34	0.076
1115717	Soil	0.9	14.7	9.5	62	<0.1	16.5	9.8	368	2.71	6.8	2.6	2.0	2.0	15	0.2	0.4	0.3	61	0.21	0.068
1115714	Soil	0.6	22.0	10.4	61	0.1	22.0	10.2	371	2.58	6.6	5.5	5.6	5.1	18	0.1	0.4	0.5	56	0.26	0.073
1115713	Soil	1.0	21.8	16.1	75	0.2	22.3	10.6	532	3.08	8.6	9.4	5.2	3.8	19	0.3	0.4	1.6	65	0.21	0.059
1115716	Soil	0.6	18.7	9.9	62	<0.1	17.9	8.9	327	2.38	4.8	4.0	5.2	3.9	20	0.1	0.3	0.4	53	0.35	0.072
1115711	Soil	1.0	28.0	15.6	88	0.2	22.4	10.6	476	3.42	8.2	9.4	1.2	4.3	19	0.5	0.4	0.8	69	0.20	0.048
1115710	Soil	0.9	19.3	11.2	64	<0.1	20.6	9.0	354	2.75	7.2	6.9	1.0	2.4	20	<0.1	0.4	0.5	60	0.30	0.061
1115718	Soil	0.5	13.0	6.2	57	<0.1	16.0	7.8	322	2.08	4.4	1.3	5.1	4.7	15	0.2	0.3	0.3	48	0.33	0.084
1115712	Soil	0.6	17.3	8.3	58	<0.1	21.8	11.5	329	2.54	3.6	3.0	1.4	5.4	17	0.3	0.3	0.5	52	0.37	0.078
1115719	Soil	0.7	13.5	7.6	45	<0.1	13.1	5.1	165	1.98	4.6	3.6	2.8	4.1	15	<0.1	0.3	0.3	48	0.18	0.050
1115723	Soil	0.9	13.3	8.7	50	0.1	15.2	7.6	361	2.14	5.2	4.2	5.7	5.7	16	<0.1	0.3	0.5	49	0.20	0.055
1115728	Soil	0.6	12.9	8.1	54	<0.1	14.5	7.4	319	2.16	5.8	4.7	2.6	9.4	15	0.1	0.3	0.3	46	0.24	0.047
1115727	Soil	0.7	13.5	9.1	57	<0.1	15.9	7.7	350	2.26	6.1	5.6	1.3	9.6	16	0.1	0.3	0.3	49	0.22	0.050
1115724	Soil	0.7	14.9	10.3	55	0.1	15.1	6.5	293	2.36	5.9	4.3	<0.5	5.1	18	<0.1	0.3	0.8	57	0.21	0.051
1115722	Soil	1.0	14.1	8.6	51	<0.1	16.7	7.9	296	2.30	6.0	4.7	2.7	5.9	16	<0.1	0.3	0.4	55	0.19	0.051
1115730	Soil	0.7	17.6	8.9	65	<0.1	18.6	8.8	430	2.59	6.0	4.2	6.2	8.9	17	0.2	0.4	0.3	54	0.24	0.048
1115731	Soil	0.8	17.4	9.4	59	<0.1	18.3	7.9	309	2.46	6.7	3.5	2.3	9.6	16	0.1	0.3	0.3	57	0.22	0.050
1115726	Soil	0.7	17.3	10.0	58	<0.1	18.0	8.0	356	2.41	6.3	3.8	2.6	8.5	18	0.1	0.3	0.3	55	0.25	0.048
1115725	Soil	0.9	14.7	9.4	53	<0.1	14.9	6.2	218	2.43	6.4	2.9	4.0	4.7	14	0.2	0.3	0.4	58	0.20	0.039

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1115542	Soil	64	30	0.63	196	0.143	1	2.01	0.017	0.22	0.3	0.03	5.8	0.4	<0.05	10	0.6	<0.2
1115544	Soil	31	61	1.00	241	0.190	2	1.97	0.018	0.40	0.4	0.03	4.7	0.4	<0.05	9	<0.5	<0.2
1115702	Soil	16	29	0.55	149	0.109	2	1.72	0.015	0.15	0.2	0.02	3.0	0.2	<0.05	7	<0.5	<0.2
1115706	Soil	20	40	0.73	261	0.130	2	2.51	0.022	0.22	0.4	0.04	4.3	0.3	<0.05	8	<0.5	<0.2
1115701	Soil	14	29	0.58	140	0.130	2	1.90	0.012	0.14	0.2	0.03	3.0	0.2	<0.05	7	<0.5	<0.2
1115704	Soil	18	28	0.50	189	0.088	2	1.79	0.020	0.12	0.4	0.03	3.1	0.2	0.05	6	<0.5	<0.2
1115705	Soil	12	25	0.45	113	0.083	<1	1.51	0.010	0.08	0.4	0.04	2.3	0.2	<0.05	7	<0.5	<0.2
1115707	Soil	13	33	0.69	168	0.115	1	1.89	0.015	0.18	1.6	0.03	3.2	0.3	<0.05	6	0.6	<0.2
1115703	Soil	13	33	0.62	183	0.098	1	2.02	0.012	0.12	0.3	0.03	3.1	0.2	<0.05	8	0.7	<0.2
1115708	Soil	13	29	0.62	160	0.117	2	1.76	0.014	0.18	0.5	0.01	3.2	0.3	<0.05	6	<0.5	<0.2
1115709	Soil	10	28	0.56	104	0.120	1	1.55	0.010	0.14	0.4	0.03	2.7	0.2	<0.05	7	<0.5	<0.2
1115715	Soil	13	28	0.59	139	0.096	2	1.56	0.013	0.12	0.2	0.02	2.9	0.2	<0.05	6	<0.5	<0.2
1115717	Soil	11	29	0.56	144	0.086	<1	1.72	0.011	0.10	0.2	0.02	2.6	0.2	<0.05	6	0.7	<0.2
1115714	Soil	14	30	0.57	159	0.098	2	2.01	0.013	0.10	0.3	0.04	3.2	0.2	<0.05	6	0.9	<0.2
1115713	Soil	14	31	0.53	189	0.096	2	2.12	0.014	0.11	0.3	0.05	3.4	0.2	<0.05	8	0.7	<0.2
1115716	Soil	14	29	0.59	150	0.100	<1	1.66	0.013	0.12	0.3	0.02	3.0	0.2	<0.05	6	0.6	<0.2
1115711	Soil	15	36	0.54	207	0.100	2	2.36	0.014	0.11	0.2	0.03	3.6	0.2	<0.05	8	0.9	<0.2
1115710	Soil	14	30	0.55	159	0.083	2	1.78	0.013	0.12	0.4	0.02	2.8	0.2	<0.05	7	<0.5	<0.2
1115718	Soil	12	22	0.49	104	0.098	2	1.27	0.012	0.14	0.2	0.01	2.4	0.1	<0.05	5	<0.5	<0.2
1115712	Soil	13	33	0.68	132	0.134	<1	1.89	0.015	0.16	0.4	0.02	2.9	0.3	<0.05	6	0.7	<0.2
1115719	Soil	14	23	0.42	109	0.064	2	1.35	0.012	0.06	0.3	0.02	1.9	0.1	<0.05	5	<0.5	<0.2
1115723	Soil	17	26	0.45	127	0.067	<1	1.47	0.011	0.08	0.3	0.02	2.2	0.1	<0.05	6	0.5	<0.2
1115728	Soil	22	24	0.50	124	0.081	<1	1.37	0.009	0.11	0.2	<0.01	2.4	0.1	<0.05	6	<0.5	<0.2
1115727	Soil	22	26	0.52	130	0.084	2	1.50	0.010	0.12	0.2	0.01	2.5	0.1	<0.05	6	0.6	<0.2
1115724	Soil	17	28	0.50	147	0.075	1	1.64	0.011	0.08	0.2	<0.01	2.4	0.2	<0.05	7	<0.5	<0.2
1115722	Soil	20	28	0.46	137	0.072	<1	1.58	0.011	0.07	0.2	0.04	2.4	0.1	<0.05	6	<0.5	<0.2
1115730	Soil	24	29	0.57	133	0.092	2	1.68	0.011	0.11	0.1	0.03	2.9	0.2	<0.05	6	<0.5	<0.2
1115731	Soil	19	28	0.59	122	0.086	2	1.68	0.011	0.11	0.2	0.03	2.9	0.1	<0.05	6	0.5	<0.2
1115726	Soil	21	29	0.57	159	0.092	1	1.83	0.013	0.12	0.2	0.04	3.1	0.2	<0.05	7	0.5	<0.2
1115725	Soil	17	26	0.52	132	0.094	2	1.58	0.010	0.11	0.2	0.03	2.2	0.2	<0.05	7	<0.5	<0.2

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600 - 666 Burrard St.
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Project: ECH
Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000155.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1115729	Soil		1.1	15.9	12.0	57	0.2	14.9	8.8	374	2.45	6.0	4.9	2.4	4.8	14	0.2	0.4	0.4	57	0.14	0.052
1115721	Soil		0.9	13.1	9.5	56	<0.1	16.0	7.9	407	2.27	6.1	4.9	1.3	6.5	15	0.1	0.4	0.3	53	0.18	0.056
1115720	Soil		0.8	13.7	8.8	51	<0.1	16.2	8.7	366	2.36	5.5	5.0	7.7	6.0	21	<0.1	0.3	0.4	53	0.23	0.058
1127788	Soil		0.9	18.0	12.4	68	<0.1	19.5	8.2	312	2.78	7.8	2.9	1.7	10.8	17	0.1	0.4	0.8	61	0.22	0.052
1127789	Soil		1.0	18.1	10.3	65	0.2	18.1	8.1	464	2.45	6.4	3.4	3.5	4.7	21	0.2	0.4	0.7	53	0.22	0.065
1127790	Soil		0.9	14.6	9.1	60	0.1	15.8	6.3	277	2.21	5.0	3.0	6.1	3.2	18	0.1	0.3	0.7	50	0.22	0.050
1127791	Soil		1.3	16.8	11.1	53	0.1	15.0	6.5	275	2.40	6.6	6.2	3.1	3.8	15	0.2	0.4	0.8	56	0.14	0.047
1115483	Soil		1.3	17.9	13.8	67	0.1	19.9	8.4	438	2.78	6.4	6.2	3.7	5.5	20	0.2	0.4	1.6	63	0.23	0.054
1114992	Soil		1.3	16.9	10.8	63	<0.1	18.9	10.0	448	2.68	6.6	12.1	3.7	7.4	18	<0.1	0.4	1.1	58	0.22	0.050
1115482	Soil		1.4	17.9	15.3	76	0.1	20.0	9.0	371	3.45	10.5	3.3	2.8	6.0	18	0.2	0.5	1.8	74	0.21	0.062
1113203	Soil		0.8	17.3	9.9	56	0.1	16.2	7.0	283	2.41	5.7	4.0	4.1	3.6	14	0.1	0.3	0.4	53	0.18	0.048
1113201	Soil		1.0	17.5	10.3	64	0.1	18.1	8.6	349	2.55	6.7	3.4	4.5	9.2	16	0.2	0.4	0.3	57	0.19	0.043
1127784	Soil		1.0	17.1	11.2	63	<0.1	18.5	7.8	340	2.60	5.9	3.6	2.1	5.8	16	0.2	0.4	0.6	56	0.19	0.058
1113202	Soil		0.9	15.6	10.7	61	<0.1	18.9	7.8	312	2.69	6.6	3.0	2.5	6.8	15	0.1	0.4	0.5	61	0.17	0.040
1127783	Soil		1.0	16.9	10.4	55	0.2	16.5	10.1	383	2.36	5.3	4.6	2.2	2.7	18	0.1	0.3	0.5	54	0.18	0.057
1115485	Soil		1.0	11.9	9.7	43	0.2	12.4	4.1	192	1.52	2.9	4.0	2.3	1.4	18	0.2	0.3	0.5	36	0.16	0.046
1127792	Soil		0.9	17.2	10.5	59	0.1	16.8	6.8	303	2.32	5.3	3.8	1.6	5.5	18	0.2	0.4	0.5	53	0.19	0.053
1127787	Soil		1.0	17.5	11.8	69	<0.1	18.3	7.8	307	2.78	6.8	2.2	5.1	5.6	16	<0.1	0.3	0.8	61	0.19	0.054
1127786	Soil		1.0	21.1	11.9	73	<0.1	20.8	10.8	498	3.04	7.8	3.1	2.4	6.4	16	0.2	0.4	0.9	63	0.19	0.067
1115480	Soil		1.2	19.0	20.9	63	<0.1	21.8	9.4	377	3.02	8.8	1.7	2.8	4.9	20	0.2	0.5	1.9	67	0.21	0.034
1114991	Soil		0.9	11.8	12.4	53	0.1	15.2	8.4	397	2.17	4.0	24.4	4.8	6.9	18	0.2	0.2	1.2	48	0.24	0.053
1115481	Soil		0.7	21.7	17.7	103	0.2	21.1	9.1	1074	2.52	4.2	3.9	1.8	1.8	26	0.7	0.3	1.8	48	0.30	0.104
1115477	Soil		1.3	20.9	21.9	66	0.2	25.5	8.4	369	2.58	6.1	4.0	1.5	5.5	28	0.3	0.4	3.6	57	0.38	0.066
1115486	Soil		1.0	14.3	15.8	47	<0.1	19.0	6.9	272	2.50	7.4	0.9	0.9	1.8	21	0.3	0.4	2.2	63	0.22	0.032
1115476	Soil		0.8	19.2	18.1	58	0.1	22.5	8.2	319	2.41	6.2	2.6	3.3	4.5	20	0.2	0.4	3.0	57	0.26	0.056
1115478	Soil		1.0	25.3	17.3	61	0.1	26.3	10.8	420	2.93	7.5	3.4	4.6	5.8	21	0.2	0.4	1.7	70	0.26	0.041
1115479	Soil		1.0	18.3	18.3	60	0.1	22.1	10.1	434	2.61	7.2	2.0	1.3	6.3	20	0.2	0.4	1.4	58	0.25	0.039
1114982	Soil		1.1	24.7	21.0	67	0.1	27.6	11.4	332	3.01	7.6	5.7	3.3	6.2	24	0.2	0.4	2.6	67	0.34	0.051
1114984	Soil		1.0	22.1	19.8	58	<0.1	23.2	8.2	287	2.90	7.9	2.7	1.3	5.4	18	0.1	0.4	2.5	66	0.18	0.035
1114985	Soil		1.2	24.9	24.7	71	0.1	26.5	11.2	552	3.15	9.2	3.9	4.7	5.9	22	0.1	0.4	3.4	71	0.22	0.051

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Project: ECH
Report Date: August 21, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1115729	Soil	19	26	0.46	138	0.082	2	1.79	0.011	0.09	0.2	0.03	2.5	0.2	<0.05	7	<0.5	<0.2
1115721	Soil	20	27	0.45	136	0.063	<1	1.65	0.010	0.07	0.2	0.04	2.3	0.1	<0.05	6	0.8	<0.2
1115720	Soil	21	26	0.46	170	0.067	1	1.70	0.009	0.07	0.3	0.03	2.1	0.1	<0.05	6	0.6	<0.2
1127788	Soil	19	31	0.56	152	0.109	1	2.10	0.011	0.11	0.2	0.03	3.3	0.2	<0.05	7	<0.5	<0.2
1127789	Soil	24	29	0.52	176	0.081	2	1.72	0.012	0.10	0.1	0.04	2.8	0.2	<0.05	7	<0.5	<0.2
1127790	Soil	18	27	0.51	140	0.086	2	1.48	0.012	0.10	0.1	0.04	2.2	0.2	<0.05	6	0.6	<0.2
1127791	Soil	18	24	0.47	135	0.078	1	1.70	0.013	0.08	0.2	0.03	2.5	0.2	<0.05	7	<0.5	<0.2
1115483	Soil	17	34	0.53	174	0.087	<1	1.83	0.014	0.09	0.2	0.03	2.8	0.1	<0.05	7	0.5	<0.2
1114992	Soil	18	31	0.56	159	0.086	<1	1.82	0.011	0.08	0.2	0.03	2.8	0.2	<0.05	6	0.6	<0.2
1115482	Soil	14	32	0.56	158	0.093	<1	2.24	0.010	0.11	0.2	0.04	3.2	0.1	<0.05	8	0.6	<0.2
1113203	Soil	18	27	0.52	119	0.068	1	1.62	0.009	0.08	0.1	0.04	2.1	0.2	<0.05	6	<0.5	<0.2
1113201	Soil	20	29	0.54	133	0.085	1	1.74	0.010	0.09	0.2	0.03	2.6	0.1	<0.05	7	<0.5	<0.2
1127784	Soil	19	29	0.50	122	0.094	2	1.62	0.012	0.11	0.2	0.01	2.8	0.2	<0.05	7	<0.5	<0.2
1113202	Soil	19	32	0.53	140	0.106	1	1.68	0.010	0.09	0.2	0.03	2.9	0.2	<0.05	7	<0.5	<0.2
1127783	Soil	15	28	0.48	133	0.069	1	1.50	0.013	0.08	0.2	0.05	2.4	0.1	<0.05	6	<0.5	<0.2
1115485	Soil	13	21	0.30	89	0.054	1	0.98	0.013	0.08	0.1	0.03	1.4	<0.1	<0.05	5	<0.5	<0.2
1127792	Soil	18	26	0.44	126	0.093	1	1.39	0.012	0.10	0.2	0.02	2.7	0.1	<0.05	6	<0.5	<0.2
1127787	Soil	16	29	0.49	143	0.100	<1	1.72	0.011	0.10	0.2	0.01	3.1	0.2	<0.05	7	<0.5	<0.2
1127786	Soil	18	33	0.55	150	0.092	2	2.01	0.011	0.11	0.2	0.03	3.2	0.2	<0.05	7	<0.5	<0.2
1115480	Soil	12	35	0.57	157	0.069	<1	2.02	0.011	0.07	0.1	0.03	3.2	0.1	<0.05	7	<0.5	<0.2
1114991	Soil	19	26	0.50	121	0.082	<1	1.43	0.013	0.08	1.0	<0.01	2.9	0.1	<0.05	5	<0.5	<0.2
1115481	Soil	29	28	0.44	245	0.035	<1	1.82	0.012	0.06	0.1	0.03	2.3	0.1	<0.05	6	<0.5	<0.2
1115477	Soil	14	42	0.55	181	0.070	1	1.82	0.017	0.07	0.2	0.03	3.5	0.1	<0.05	6	<0.5	<0.2
1115486	Soil	8	30	0.43	125	0.070	<1	1.56	0.012	0.08	0.1	0.02	2.1	<0.1	<0.05	6	<0.5	<0.2
1115476	Soil	17	29	0.48	169	0.068	2	1.60	0.013	0.06	0.2	0.02	2.8	<0.1	<0.05	5	<0.5	<0.2
1115478	Soil	17	39	0.57	184	0.085	1	2.02	0.014	0.06	0.2	0.02	3.7	0.1	<0.05	6	<0.5	<0.2
1115479	Soil	18	35	0.54	174	0.072	1	1.78	0.013	0.08	0.1	0.02	2.9	0.1	<0.05	6	<0.5	<0.2
1114982	Soil	27	43	0.61	206	0.073	1	2.27	0.016	0.07	0.2	0.03	4.1	0.2	<0.05	7	<0.5	<0.2
1114984	Soil	15	34	0.53	156	0.076	1	2.21	0.012	0.08	0.2	0.02	3.4	0.1	<0.05	7	<0.5	<0.2
1114985	Soil	16	40	0.54	199	0.076	1	2.36	0.012	0.08	0.2	0.03	3.8	0.1	<0.05	7	<0.5	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1115475	Soil	1.1	19.8	21.8	64	0.2	24.5	11.3	377	3.54	8.9	2.5	2.9	5.5	13	0.2	0.5	2.6	80	0.14	0.029
1114993	Soil	1.0	16.7	11.8	54	0.1	15.6	6.6	274	2.18	4.6	4.2	1.5	3.5	14	0.2	0.4	0.5	48	0.17	0.049
1127785	Soil	0.9	17.7	12.2	62	<0.1	19.9	8.5	410	2.45	5.5	4.4	1.9	7.1	21	0.2	0.4	1.1	54	0.26	0.053
1115484	Soil	1.1	17.7	14.9	62	0.2	19.7	8.0	331	2.57	6.4	4.2	4.6	3.2	23	0.2	0.4	0.9	55	0.23	0.075

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Report Date: August 21, 2011

CERTIFICATE OF ANALYSIS DAW11000155.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1115475	Soil	14	41	0.60	153	0.083	2	2.80	0.014	0.08	0.1	0.04	3.8	0.2	<0.05	8	<0.5	<0.2
1114993	Soil	19	26	0.43	106	0.076	1	1.42	0.011	0.10	0.2	0.02	2.1	0.2	<0.05	7	<0.5	<0.2
1127785	Soil	22	33	0.49	149	0.091	1	1.64	0.012	0.09	0.2	<0.01	2.8	0.1	<0.05	6	<0.5	<0.2
1115484	Soil	19	33	0.49	171	0.073	2	1.92	0.012	0.11	0.2	0.05	2.6	0.2	<0.05	7	<0.5	<0.2

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

Project: ECH
Report Date: August 21, 2011

QUALITY CONTROL REPORT DAW11000155.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1115545	Soil	1.0	31.2	6.2	76	<0.1	28.2	17.4	462	3.86	4.5	1.5	1.6	9.8	20	0.1	0.3	0.2	89	0.46	0.109
REP 1115545	QC	0.8	32.5	6.1	77	<0.1	28.6	17.4	468	3.91	4.5	1.5	2.9	9.9	21	<0.1	0.3	0.2	91	0.49	0.114
1125141	Soil	0.9	14.7	8.5	56	0.1	16.7	6.8	255	2.53	5.9	2.5	1.6	5.8	13	0.1	0.3	0.3	62	0.18	0.049
REP 1125141	QC	0.9	14.2	8.3	53	<0.1	15.4	6.4	244	2.41	5.5	2.5	1.2	5.7	13	0.1	0.3	0.3	60	0.16	0.051
1115705	Soil	0.8	14.8	10.0	49	0.2	14.3	7.3	298	2.37	4.7	2.1	6.0	2.4	12	0.3	0.3	0.4	60	0.16	0.058
REP 1115705	QC	0.8	13.8	9.3	49	0.1	13.4	6.6	296	2.31	5.2	2.1	3.1	2.4	12	0.3	0.3	0.4	57	0.15	0.055
1115730	Soil	0.7	17.6	8.9	65	<0.1	18.6	8.8	430	2.59	6.0	4.2	6.2	8.9	17	0.2	0.4	0.3	54	0.24	0.048
REP 1115730	QC	0.6	17.8	8.9	65	<0.1	17.6	9.3	423	2.51	5.7	4.3	4.8	9.3	17	0.2	0.4	0.3	54	0.24	0.048
1115477	Soil	1.3	20.9	21.9	66	0.2	25.5	8.4	369	2.58	6.1	4.0	1.5	5.5	28	0.3	0.4	3.6	57	0.38	0.066
REP 1115477	QC	1.2	20.4	21.3	64	0.2	25.5	8.3	360	2.58	5.9	4.1	2.5	5.5	28	0.2	0.4	3.3	57	0.38	0.064
1114984	Soil	1.0	22.1	19.8	58	<0.1	23.2	8.2	287	2.90	7.9	2.7	1.3	5.4	18	0.1	0.4	2.5	66	0.18	0.035
REP 1114984	QC	1.0	22.8	20.1	60	0.1	23.5	8.2	286	2.93	8.3	2.7	4.5	5.5	18	0.1	0.5	2.4	69	0.18	0.034
Reference Materials																					
STD DS8	Standard	13.7	107.6	111.6	306	1.8	37.2	7.6	628	2.53	25.8	2.6	117.6	6.5	72	2.3	5.6	6.4	43	0.71	0.080
STD DS8	Standard	13.7	117.7	136.6	319	1.7	42.9	8.0	617	2.54	24.2	2.9	138.2	7.3	72	2.3	6.0	7.4	45	0.73	0.087
STD DS8	Standard	12.3	108.9	122.8	316	1.8	37.9	7.3	594	2.43	25.9	2.8	117.4	6.6	65	2.3	5.6	6.6	44	0.70	0.081
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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600 - 666 Burrard St.
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Project: ECH
Report Date: August 21, 2011

QUALITY CONTROL REPORT DAW11000155.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1115545	Soil	18	65	1.02	227	0.180	1	2.18	0.016	0.40	0.2	0.01	4.0	0.3	<0.05	9	<0.5	<0.2
REP 1115545	QC	19	65	1.02	228	0.194	1	2.16	0.018	0.41	0.2	0.01	4.2	0.3	<0.05	9	<0.5	<0.2
1125141	Soil	23	28	0.41	117	0.077	2	1.56	0.013	0.08	0.2	0.04	2.8	0.2	<0.05	8	<0.5	<0.2
REP 1125141	QC	23	26	0.40	116	0.076	2	1.59	0.013	0.08	0.3	0.04	2.7	0.2	<0.05	7	0.5	<0.2
1115705	Soil	12	25	0.45	113	0.083	<1	1.51	0.010	0.08	0.4	0.04	2.3	0.2	<0.05	7	<0.5	<0.2
REP 1115705	QC	11	24	0.44	110	0.085	1	1.42	0.010	0.08	0.4	0.03	2.3	0.2	<0.05	7	0.8	<0.2
1115730	Soil	24	29	0.57	133	0.092	2	1.68	0.011	0.11	0.1	0.03	2.9	0.2	<0.05	6	<0.5	<0.2
REP 1115730	QC	23	28	0.56	126	0.090	<1	1.65	0.010	0.11	0.2	0.02	2.7	0.1	<0.05	6	<0.5	<0.2
1115477	Soil	14	42	0.55	181	0.070	1	1.82	0.017	0.07	0.2	0.03	3.5	0.1	<0.05	6	<0.5	<0.2
REP 1115477	QC	14	42	0.57	181	0.072	<1	1.81	0.016	0.07	0.2	0.03	3.4	0.1	<0.05	6	<0.5	<0.2
1114984	Soil	15	34	0.53	156	0.076	1	2.21	0.012	0.08	0.2	0.02	3.4	0.1	<0.05	7	<0.5	<0.2
REP 1114984	QC	15	33	0.52	152	0.075	1	2.04	0.012	0.07	0.1	0.03	3.5	0.1	<0.05	7	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	16	120	0.61	291	0.118	2	0.95	0.098	0.42	2.9	0.18	2.4	5.4	0.16	5	5.1	4.7
STD DS8	Standard	15	123	0.66	281	0.134	3	0.95	0.096	0.44	3.3	0.23	2.3	5.4	0.16	5	5.3	5.3
STD DS8	Standard	13	116	0.60	263	0.110	2	0.84	0.086	0.43	2.8	0.23	2.2	5.5	0.15	5	5.3	5.6
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ryan Gold Corp.**
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Submitted By: Mike Skead
Receiving Lab: Canada-Whitehorse
Received: June 28, 2011
Report Date: July 12, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS WHI11000323.1

CLIENT JOB INFORMATION

Project: ECH
Shipment ID: ECH2011-01
P.O. Number
Number of Samples: 320

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

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

ADDITIONAL COMMENTS

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Project: ECH
Report Date: July 12, 2011

CERTIFICATE OF ANALYSIS WHI11000323.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1067414	Soil	0.7	12.3	13.1	53	<0.1	15.9	9.5	320	3.05	5.3	0.9	2.2	11.2	15	0.1	0.4	0.2	47	0.28	0.089
1067404	Soil	0.8	59.5	14.7	68	<0.1	15.6	9.9	362	3.74	6.5	1.7	3.9	5.1	15	0.2	0.4	0.4	67	0.20	0.085
1067407	Soil	1.3	12.2	13.4	40	<0.1	10.7	5.3	219	2.89	8.5	0.8	2.2	5.3	12	<0.1	0.6	0.4	69	0.10	0.025
1067406	Soil	1.3	18.0	11.4	57	<0.1	24.2	9.5	287	3.15	11.0	0.8	1.5	6.6	11	<0.1	0.7	0.2	61	0.10	0.023
1067405	Soil	0.4	23.0	4.8	27	<0.1	6.5	3.3	99	1.26	3.3	0.6	1.3	0.7	8	<0.1	0.2	0.3	25	0.09	0.037
1067401	Soil	0.7	16.2	11.9	49	<0.1	17.0	8.0	316	2.40	5.9	1.6	2.3	10.4	17	0.2	0.4	0.2	46	0.24	0.065
1067411	Soil	0.7	13.0	12.4	71	<0.1	18.7	9.0	420	2.79	7.2	0.9	1.4	13.1	14	0.1	0.4	0.2	48	0.21	0.063
1067403	Soil	0.4	15.9	10.0	51	<0.1	14.6	8.2	292	3.15	4.5	1.9	2.6	15.4	13	<0.1	0.3	0.2	45	0.21	0.066
1067402	Soil	0.8	16.9	13.7	52	<0.1	19.0	8.0	289	2.52	6.9	1.1	3.8	6.4	18	0.1	0.5	0.2	50	0.23	0.053
1067408	Soil	1.4	18.0	13.1	57	<0.1	17.0	7.8	311	3.48	10.7	1.1	2.5	6.7	13	<0.1	0.7	0.5	71	0.11	0.028
1067416	Soil	0.8	10.9	11.4	40	<0.1	7.2	3.5	184	2.34	5.6	0.5	1.9	3.0	9	<0.1	0.4	0.2	66	0.09	0.044
1067421	Soil	1.0	17.8	49.7	79	<0.1	22.0	11.9	421	3.40	7.4	1.6	1.9	12.4	16	0.2	0.5	0.2	60	0.23	0.058
1067413	Soil	1.2	19.1	12.5	63	<0.1	28.6	14.0	393	3.78	12.4	0.6	2.1	9.3	15	0.3	0.7	0.3	63	0.15	0.038
1067418	Soil	0.5	12.4	7.2	42	<0.1	11.6	6.6	301	2.42	5.1	1.1	3.0	1.8	13	<0.1	0.3	0.1	50	0.15	0.052
1067427	Soil	0.9	7.5	7.1	26	<0.1	8.6	3.9	97	1.64	3.3	0.8	1.2	3.7	10	<0.1	0.2	0.2	39	0.08	0.020
1067424	Soil	1.1	10.3	27.2	35	0.1	11.9	5.5	147	2.03	4.0	1.0	1.1	4.2	17	<0.1	0.3	0.2	46	0.22	0.034
1067417	Soil	1.4	12.0	21.7	64	0.2	15.6	7.0	384	2.69	8.1	0.9	2.9	7.6	16	0.1	0.5	0.5	49	0.20	0.059
1067415	Soil	0.3	6.1	9.9	12	0.1	3.0	1.3	38	0.72	1.5	0.5	0.6	0.8	8	<0.1	<0.1	<0.1	15	0.05	0.021
1067420	Soil	0.3	2.0	15.1	14	<0.1	1.4	1.4	49	0.62	1.1	0.1	<0.5	<0.1	7	<0.1	<0.1	<0.1	16	0.06	0.018
1067419	Soil	0.4	4.6	5.4	10	<0.1	1.9	0.9	29	0.63	1.4	0.2	<0.5	0.1	5	<0.1	0.1	<0.1	21	0.03	0.016
1067428	Soil	1.0	11.9	7.5	35	0.1	12.0	5.7	153	1.92	3.0	3.0	2.5	6.3	24	0.1	0.2	0.2	37	0.49	0.052
1067425	Soil	0.3	8.3	4.0	14	<0.1	1.9	0.9	42	0.48	0.6	0.2	1.2	0.1	7	<0.1	<0.1	<0.1	15	0.06	0.014
1067426	Soil	2.1	9.1	10.8	39	<0.1	13.6	8.3	241	2.88	3.8	0.8	<0.5	5.1	8	<0.1	0.2	0.3	81	0.09	0.034
1067431	Soil	1.5	14.1	11.6	67	0.1	20.9	10.5	371	3.02	6.5	1.6	2.9	9.2	20	0.1	0.4	0.2	61	0.31	0.065
1067432	Soil	0.9	14.5	11.6	65	<0.1	20.9	9.9	260	2.82	6.0	1.5	2.4	9.2	18	0.1	0.4	0.2	57	0.28	0.055
1067430	Soil	1.2	14.1	11.0	58	<0.1	20.6	10.1	347	3.03	5.2	1.7	2.1	10.6	17	0.1	0.3	0.2	59	0.29	0.064
1067429	Soil	0.9	12.2	9.3	44	<0.1	15.2	8.0	200	2.44	3.6	1.9	3.4	6.9	15	0.1	0.2	0.2	52	0.21	0.035
1067410	Soil	0.9	25.2	11.4	63	<0.1	25.3	9.5	304	2.93	7.5	2.1	3.7	8.5	23	0.1	0.6	0.2	56	0.30	0.069
1067412	Soil	1.3	11.1	13.5	38	<0.1	13.3	6.3	258	3.57	10.0	0.5	1.9	4.6	12	<0.1	0.6	0.4	83	0.11	0.037
1067409	Soil	1.2	5.3	12.6	54	<0.1	6.3	3.7	149	2.55	3.9	1.9	2.6	17.7	6	0.2	0.2	2.9	20	0.12	0.051

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Project: ECH
Report Date: July 12, 2011

CERTIFICATE OF ANALYSIS WHI11000323.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1067414	Soil		22	23	0.66	92	0.078	2	1.72	0.008	0.20	0.2	0.03	2.1	0.2	<0.05	6	<0.5	<0.2
1067404	Soil		26	24	0.58	141	0.078	1	2.19	0.007	0.29	0.1	0.03	2.2	0.2	<0.05	8	0.5	<0.2
1067407	Soil		12	23	0.27	106	0.041	<1	1.82	0.006	0.03	0.2	0.04	1.9	0.1	<0.05	8	0.7	<0.2
1067406	Soil		10	32	0.50	127	0.050	1	2.31	0.008	0.06	0.2	0.05	2.9	<0.1	<0.05	6	0.8	<0.2
1067405	Soil		9	10	0.19	44	0.029	1	0.80	0.010	0.06	0.1	0.02	0.7	<0.1	<0.05	4	<0.5	<0.2
1067401	Soil		53	24	0.44	139	0.038	1	1.53	0.009	0.06	0.1	0.02	2.6	0.1	<0.05	5	<0.5	<0.2
1067411	Soil		20	25	0.54	106	0.054	1	2.01	0.008	0.10	0.2	0.04	2.5	0.1	<0.05	7	0.6	<0.2
1067403	Soil		38	23	0.68	151	0.106	1	2.05	0.008	0.33	0.2	0.02	2.8	0.3	<0.05	8	<0.5	<0.2
1067402	Soil		25	27	0.52	154	0.052	<1	1.62	0.010	0.07	0.1	0.04	2.8	0.1	<0.05	5	<0.5	<0.2
1067408	Soil		12	33	0.39	134	0.071	1	2.56	0.008	0.05	0.2	0.04	3.1	0.1	<0.05	8	<0.5	<0.2
1067416	Soil		12	16	0.26	56	0.067	<1	1.23	0.008	0.08	0.1	0.03	1.7	0.1	<0.05	9	<0.5	<0.2
1067421	Soil		31	31	0.77	133	0.107	1	1.96	0.009	0.19	0.2	0.01	3.7	0.2	<0.05	7	<0.5	<0.2
1067413	Soil		12	35	0.63	163	0.070	2	2.99	0.009	0.12	0.1	0.05	3.3	0.1	<0.05	7	1.2	<0.2
1067418	Soil		21	17	0.39	110	0.055	1	1.34	0.014	0.13	<0.1	0.03	1.8	0.1	<0.05	5	<0.5	<0.2
1067427	Soil		13	15	0.28	56	0.073	<1	1.07	0.013	0.07	0.2	0.02	1.6	0.1	<0.05	6	<0.5	<0.2
1067424	Soil		26	20	0.34	124	0.080	<1	1.19	0.016	0.13	0.2	0.03	2.0	0.1	<0.05	6	<0.5	<0.2
1067417	Soil		27	25	0.43	98	0.054	2	1.49	0.007	0.13	0.1	0.03	2.1	0.2	<0.05	6	<0.5	<0.2
1067415	Soil		8	5	0.06	46	0.023	<1	0.58	0.018	0.04	<0.1	0.02	0.5	<0.1	<0.05	3	<0.5	<0.2
1067420	Soil		2	4	0.08	14	0.034	<1	0.26	0.022	0.03	<0.1	0.02	0.3	<0.1	<0.05	2	<0.5	<0.2
1067419	Soil		4	5	0.03	21	0.028	<1	0.42	0.015	0.02	<0.1	0.02	0.3	<0.1	<0.05	3	<0.5	<0.2
1067428	Soil		54	22	0.40	144	0.072	<1	1.26	0.017	0.11	0.2	0.04	2.9	0.1	<0.05	5	<0.5	<0.2
1067425	Soil		3	5	0.03	29	0.028	1	0.27	0.016	0.03	<0.1	0.02	0.3	<0.1	<0.05	2	0.5	<0.2
1067426	Soil		12	23	0.66	67	0.190	<1	1.62	0.010	0.25	0.2	0.03	3.7	0.3	<0.05	11	<0.5	<0.2
1067431	Soil		19	32	0.66	171	0.111	<1	1.92	0.012	0.15	0.2	0.03	3.3	0.2	<0.05	8	<0.5	<0.2
1067432	Soil		19	30	0.66	171	0.108	1	1.87	0.010	0.12	0.2	0.02	3.3	0.2	<0.05	7	<0.5	<0.2
1067430	Soil		25	31	0.69	150	0.126	1	1.82	0.012	0.20	0.2	0.02	3.4	0.2	<0.05	8	<0.5	<0.2
1067429	Soil		25	25	0.53	103	0.112	1	1.53	0.016	0.11	0.2	0.03	3.2	0.1	<0.05	7	<0.5	<0.2
1067410	Soil		29	34	0.60	222	0.077	2	2.03	0.011	0.12	0.2	0.02	4.1	0.2	<0.05	7	<0.5	<0.2
1067412	Soil		11	25	0.29	88	0.085	<1	1.69	0.005	0.06	0.1	0.02	2.2	0.1	<0.05	8	0.5	<0.2
1067409	Soil		37	10	0.38	61	0.036	<1	1.51	0.006	0.30	0.2	<0.01	1.5	0.3	<0.05	7	<0.5	<0.2

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

Project: ECH
Report Date: July 12, 2011

CERTIFICATE OF ANALYSIS WHI11000323.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1067423	Soil		1.4	20.5	52.0	69	<0.1	26.0	13.4	321	3.60	9.6	0.9	2.6	10.6	15	0.2	0.6	0.2	71	0.15	0.031
1067422	Soil		1.0	9.0	11.1	19	<0.1	4.6	1.8	65	1.18	3.0	0.4	0.8	1.1	8	<0.1	0.2	0.2	40	0.06	0.020
1067462	Soil		1.2	16.1	13.4	59	<0.1	23.5	12.1	555	3.44	5.3	0.7	<0.5	10.9	21	0.2	0.4	0.2	75	0.29	0.034
1067463	Soil		1.6	16.4	14.3	89	<0.1	25.4	13.6	1218	3.60	5.0	1.2	1.4	15.7	80	0.2	0.4	0.3	65	1.91	0.089
1067440	Soil		1.0	18.8	9.8	55	<0.1	21.3	9.0	297	2.87	6.7	0.9	1.8	7.2	17	0.2	0.5	0.3	60	0.20	0.041
1067436	Soil		0.8	19.6	9.5	53	<0.1	19.8	9.5	331	2.80	7.1	1.3	1.2	9.0	22	<0.1	0.5	0.2	56	0.24	0.043
1067467	Soil		1.4	22.5	9.9	66	<0.1	24.8	13.1	762	3.61	6.4	1.2	4.0	11.0	41	0.3	0.4	0.2	70	0.88	0.050
1067464	Soil		1.4	19.0	16.4	64	<0.1	28.2	12.2	385	3.76	5.9	1.1	1.1	18.5	24	0.2	0.5	0.2	72	0.35	0.040
1067439	Soil		1.1	18.3	12.0	53	<0.1	22.1	10.6	411	3.07	8.0	0.7	3.4	5.4	18	0.2	0.6	0.3	64	0.20	0.064
1067465	Soil		1.5	20.5	11.2	64	<0.1	25.9	12.2	561	3.64	6.1	1.4	1.1	14.3	36	0.2	0.4	0.2	72	0.87	0.044
1067468	Soil		1.4	25.6	10.0	67	<0.1	24.5	13.9	883	3.71	6.0	1.2	0.9	11.7	42	0.3	0.5	0.2	74	0.95	0.052
1067466	Soil		1.2	16.2	10.9	62	<0.1	21.5	11.9	697	3.36	5.0	0.6	<0.5	7.8	73	0.2	0.4	0.2	70	1.48	0.068
1067441	Soil		1.2	19.4	12.9	67	<0.1	21.7	9.3	413	3.29	9.3	0.8	0.7	8.0	17	0.1	0.6	0.3	71	0.17	0.035
1067443	Soil		0.9	19.3	12.8	71	<0.1	21.9	11.7	490	3.42	6.3	1.5	1.0	11.5	22	0.2	0.5	0.2	60	0.29	0.068
1067437	Soil		1.5	26.2	14.2	68	<0.1	27.5	12.4	380	3.76	13.4	1.3	2.0	14.5	15	0.2	0.7	0.3	76	0.13	0.044
1067438	Soil		1.2	14.8	11.7	50	<0.1	12.2	6.1	290	2.83	5.9	0.6	0.6	2.8	13	0.2	0.5	0.5	53	0.12	0.067
1067442	Soil		0.8	19.6	11.3	63	<0.1	21.1	11.2	489	3.04	5.9	1.6	2.9	12.8	27	0.1	0.5	0.2	56	0.34	0.067
1067444	Soil		1.0	18.3	14.6	68	<0.1	19.3	10.2	525	3.11	7.5	1.8	3.0	10.7	20	0.2	0.4	0.2	58	0.27	0.080
1067445	Soil		1.0	22.5	13.2	57	<0.1	20.4	11.5	551	3.23	7.5	2.2	2.0	7.3	25	0.2	0.5	0.3	65	0.31	0.070
1068976	Soil		0.8	12.5	5.8	42	<0.1	10.8	8.6	283	3.63	5.8	1.0	0.5	4.8	16	<0.1	0.3	0.2	83	0.22	0.064
1068975	Soil		0.8	17.4	7.2	54	<0.1	22.0	12.6	335	3.14	5.5	0.8	2.3	5.7	19	0.1	0.4	0.1	77	0.30	0.049
1068977	Soil		1.3	14.6	11.0	58	<0.1	14.9	7.4	240	3.10	9.3	0.5	1.1	3.4	12	0.1	0.6	0.2	84	0.12	0.038
1068979	Soil		0.3	7.2	4.0	15	<0.1	3.5	1.9	70	0.80	0.7	0.2	<0.5	0.1	9	<0.1	0.1	0.1	24	0.06	0.021
1068980	Soil		1.0	39.9	12.5	65	<0.1	34.2	14.4	354	3.49	11.7	1.0	3.6	8.0	22	0.2	0.8	0.2	83	0.21	0.026
1068983	Soil		0.9	21.9	18.3	84	<0.1	28.9	25.5	771	5.94	5.4	0.7	<0.5	7.8	21	0.1	0.4	0.3	149	0.34	0.077
1068982	Soil		1.1	20.1	17.8	84	<0.1	29.6	19.6	614	5.15	7.9	0.7	0.7	7.9	18	0.1	0.5	0.3	131	0.25	0.053
1068978	Soil		0.8	18.6	9.6	77	<0.1	21.6	13.2	551	4.01	6.6	0.7	1.6	3.4	18	0.2	0.6	0.2	95	0.16	0.040
1068981	Soil		1.2	35.1	12.5	63	<0.1	32.8	14.1	359	3.57	12.2	0.9	4.3	7.6	21	0.2	0.8	0.2	83	0.20	0.028
1068984	Soil		1.0	18.8	10.1	62	<0.1	28.7	10.5	301	3.23	8.8	1.1	1.5	10.1	19	<0.1	0.5	0.2	70	0.19	0.026
1068985	Soil		0.8	19.3	9.8	58	<0.1	27.1	10.7	345	3.20	8.9	1.1	4.0	10.0	20	0.1	0.5	0.2	70	0.18	0.026

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Client: **Ryan Gold Corp.**
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Project: ECH
Report Date: July 12, 2011

CERTIFICATE OF ANALYSIS WHI11000323.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1067423	Soil		16	39	0.65	155	0.088	1	2.71	0.009	0.12	0.2	0.03	3.5	0.2	<0.05	7	<0.5	<0.2
1067422	Soil		10	11	0.09	52	0.063	<1	0.67	0.014	0.05	<0.1	0.02	0.8	<0.1	<0.05	6	<0.5	<0.2
1067462	Soil		21	40	0.92	243	0.086	1	2.39	0.014	0.16	0.2	0.02	3.8	0.1	<0.05	10	<0.5	<0.2
1067463	Soil		26	45	1.04	443	0.090	7	2.06	0.013	0.42	0.5	0.01	4.6	0.2	<0.05	9	<0.5	<0.2
1067440	Soil		21	32	0.56	152	0.072	<1	1.97	0.009	0.10	0.1	0.02	2.8	0.1	<0.05	7	<0.5	<0.2
1067436	Soil		36	29	0.76	175	0.093	1	1.93	0.013	0.09	0.1	0.02	3.3	0.2	0.05	6	<0.5	<0.2
1067467	Soil		33	39	0.92	382	0.134	3	1.98	0.028	0.34	0.2	0.02	5.0	0.2	0.05	9	<0.5	<0.2
1067464	Soil		35	46	1.00	169	0.098	2	2.23	0.015	0.25	0.8	<0.01	4.8	0.2	<0.05	9	<0.5	<0.2
1067439	Soil		14	29	0.49	135	0.080	<1	1.78	0.011	0.08	0.1	0.02	2.4	0.1	<0.05	7	<0.5	<0.2
1067465	Soil		33	43	0.92	317	0.136	2	2.14	0.020	0.38	0.2	0.02	5.1	0.2	<0.05	9	<0.5	<0.2
1067468	Soil		30	39	0.93	386	0.147	3	2.02	0.028	0.38	0.2	0.01	5.5	0.2	<0.05	9	<0.5	<0.2
1067466	Soil		14	39	0.90	436	0.133	4	2.19	0.026	0.38	0.2	<0.01	3.8	0.2	0.07	9	<0.5	<0.2
1067441	Soil		21	35	0.58	194	0.079	1	2.25	0.011	0.11	0.1	0.02	3.1	0.1	<0.05	8	<0.5	<0.2
1067443	Soil		34	33	0.73	184	0.118	1	1.96	0.012	0.18	0.1	0.02	3.8	0.2	<0.05	7	<0.5	<0.2
1067437	Soil		16	43	0.65	198	0.087	2	2.88	0.011	0.10	0.2	0.05	3.8	0.2	<0.05	8	0.6	<0.2
1067438	Soil		17	21	0.39	96	0.037	<1	1.56	0.012	0.10	0.1	0.03	1.6	0.1	<0.05	8	<0.5	<0.2
1067442	Soil		44	31	0.67	193	0.103	1	1.65	0.013	0.16	0.1	0.02	4.3	0.2	<0.05	6	<0.5	<0.2
1067444	Soil		33	29	0.61	165	0.083	<1	1.80	0.010	0.14	0.1	0.02	3.3	0.1	<0.05	6	<0.5	<0.2
1067445	Soil		31	30	0.66	220	0.076	1	2.19	0.015	0.11	0.1	0.02	3.7	0.2	<0.05	7	<0.5	<0.2
1068976	Soil		13	18	0.70	135	0.244	1	1.58	0.016	0.27	0.1	0.02	3.2	0.1	<0.05	12	<0.5	<0.2
1068975	Soil		14	51	0.98	165	0.180	<1	1.93	0.019	0.13	0.2	0.01	3.6	0.1	<0.05	8	<0.5	<0.2
1068977	Soil		10	31	0.38	172	0.082	<1	2.03	0.011	0.05	0.1	0.02	2.4	<0.1	<0.05	8	<0.5	<0.2
1068979	Soil		3	7	0.10	50	0.043	<1	0.42	0.019	0.03	<0.1	0.01	0.5	<0.1	<0.05	3	<0.5	<0.2
1068980	Soil		14	51	0.76	406	0.122	2	2.89	0.017	0.06	0.1	0.03	4.7	0.1	<0.05	7	<0.5	<0.2
1068983	Soil		13	53	1.86	268	0.210	1	3.33	0.018	0.17	0.2	0.02	7.2	0.1	<0.05	15	<0.5	<0.2
1068982	Soil		13	55	1.42	275	0.156	1	3.25	0.016	0.09	0.2	0.03	5.9	0.1	<0.05	13	<0.5	<0.2
1068978	Soil		11	37	0.83	196	0.108	1	2.36	0.014	0.06	0.2	0.04	4.1	<0.1	<0.05	10	<0.5	<0.2
1068981	Soil		11	47	0.73	382	0.114	2	3.20	0.016	0.06	0.1	0.03	4.3	0.1	<0.05	7	0.6	<0.2
1068984	Soil		16	39	0.74	229	0.087	1	2.56	0.011	0.09	0.2	0.01	3.6	0.1	<0.05	7	<0.5	<0.2
1068985	Soil		15	39	0.72	233	0.087	2	2.57	0.011	0.09	0.1	0.03	3.5	0.1	<0.05	7	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1068954	Soil		0.9	26.7	16.5	59	<0.1	21.2	9.6	352	2.97	8.9	1.2	1.8	5.1	22	<0.1	0.6	0.3	65	0.21	0.035
1068953	Soil		0.8	13.9	10.4	48	<0.1	16.2	8.1	325	2.56	4.7	1.1	0.9	9.9	13	0.2	0.4	0.2	50	0.15	0.042
1068952	Soil		1.3	18.2	17.5	59	<0.1	20.6	8.8	327	3.47	10.7	1.0	2.9	7.3	20	<0.1	0.7	0.3	75	0.19	0.047
1068957	Soil		0.7	15.7	5.7	36	<0.1	10.7	10.2	330	2.80	3.1	0.5	<0.5	2.6	16	<0.1	0.2	0.1	71	0.31	0.100
1068967	Soil		1.5	8.3	5.7	22	<0.1	5.5	2.1	82	1.43	2.4	1.3	0.8	3.6	9	<0.1	0.2	0.3	36	0.06	0.032
1068973	Soil		1.2	22.7	9.6	63	<0.1	27.6	16.1	403	3.92	10.1	1.0	3.1	13.7	17	0.2	0.6	0.2	82	0.17	0.031
1068961	Soil		0.8	17.0	7.8	62	<0.1	30.2	14.0	458	4.03	5.9	1.2	1.6	8.4	28	<0.1	0.4	0.2	84	0.45	0.098
1068962	Soil		0.9	18.4	7.7	67	<0.1	45.7	21.1	518	6.48	7.7	0.6	0.5	10.2	13	0.2	0.5	0.3	145	0.14	0.060
1067861	Soil		0.4	15.6	8.7	71	<0.1	29.8	24.7	470	6.03	3.6	0.8	<0.5	6.1	11	0.1	0.3	0.1	117	0.16	0.056
1067865	Soil		0.8	8.3	5.8	58	<0.1	29.0	12.8	391	5.40	4.1	0.6	<0.5	8.0	10	<0.1	0.2	0.2	112	0.13	0.053
1067856	Soil		1.0	17.7	9.6	55	<0.1	20.5	10.1	348	2.94	8.6	0.9	1.2	6.3	15	<0.1	0.5	0.2	68	0.17	0.040
1067871	Soil		0.7	36.0	14.0	130	<0.1	23.3	20.4	928	6.20	1.3	2.8	<0.5	30.0	34	0.1	0.2	0.4	89	1.01	0.330
1067872	Soil		0.7	39.5	15.6	113	<0.1	30.9	17.7	707	5.17	4.1	2.7	<0.5	21.6	30	0.1	0.4	0.4	92	0.59	0.119
1067874	Soil		1.9	48.2	38.5	108	<0.1	33.5	22.0	600	5.00	3.8	1.8	<0.5	15.0	27	0.1	0.3	0.7	108	0.59	0.117
1067869	Soil		0.9	29.5	147.5	135	<0.1	31.2	19.4	469	5.37	2.2	1.3	<0.5	25.0	19	0.1	0.2	0.4	100	0.43	0.125
1067849	Soil		1.0	25.7	10.0	56	<0.1	23.5	10.4	325	3.22	8.7	1.6	2.9	8.9	22	<0.1	0.6	0.2	73	0.21	0.026
1067850	Soil		0.8	20.3	10.8	57	<0.1	22.1	12.3	383	3.57	6.8	1.5	1.7	15.8	19	<0.1	0.5	0.2	71	0.20	0.033
1067842	Soil		1.2	20.5	17.1	59	<0.1	30.5	14.4	1272	3.23	5.3	0.7	<0.5	4.4	21	<0.1	0.4	0.2	88	0.23	0.047
1067854	Soil		1.0	26.5	10.8	65	<0.1	33.2	14.3	371	4.01	10.0	1.8	<0.5	26.9	18	0.1	0.6	0.3	74	0.21	0.052
1067867	Soil		0.8	19.2	9.9	66	<0.1	31.2	16.2	385	4.44	6.7	1.0	1.5	15.7	22	<0.1	0.4	0.2	82	0.26	0.047
1067953	Soil		0.6	20.1	10.7	71	<0.1	13.2	6.9	345	2.36	4.2	0.8	<0.5	6.1	16	<0.1	0.2	0.2	34	0.13	0.021
1067952	Soil		0.9	16.5	13.7	61	0.1	15.6	6.7	311	2.23	6.0	0.7	0.7	5.0	21	0.2	0.4	0.2	40	0.21	0.027
1067962	Soil		2.2	26.2	19.4	121	0.1	25.0	6.9	475	3.12	5.6	2.8	1.4	13.4	37	0.3	0.3	0.2	33	0.35	0.058
1067961	Soil		5.6	92.2	14.3	230	0.6	73.1	19.9	628	4.48	9.4	3.0	2.4	7.5	32	1.0	0.3	0.3	103	0.28	0.104
1067954	Soil		1.0	30.5	11.8	74	0.2	22.9	7.5	363	2.32	3.8	1.5	1.5	7.0	27	0.1	0.3	0.2	34	0.38	0.046
1067958	Soil		2.3	45.1	19.4	93	0.3	36.6	16.1	445	3.30	29.3	4.3	1.3	12.8	25	0.3	0.1	0.4	32	0.42	0.064
1067960	Soil		2.4	61.2	17.1	131	0.2	72.0	21.4	668	4.05	12.0	2.7	3.0	9.9	66	0.4	0.4	0.4	89	0.54	0.051
1067951	Soil		1.6	15.2	13.8	64	0.1	21.2	8.1	313	2.69	8.6	0.5	0.8	2.7	19	0.1	0.4	0.2	57	0.17	0.028
1067955	Soil		1.1	26.3	14.1	70	0.1	31.5	9.4	315	2.57	5.0	1.1	1.7	6.7	22	<0.1	0.3	0.2	40	0.34	0.032
1067956	Soil		9.4	47.1	75.7	261	0.5	89.6	9.3	1119	2.65	6.9	1.2	1.9	9.9	103	1.8	0.2	0.6	108	6.63	0.137

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

Project: ECH
Report Date: July 12, 2011

CERTIFICATE OF ANALYSIS WHI11000323.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1068954	Soil	29	33	0.56	216	0.080	2	1.99	0.014	0.07	0.1	0.03	3.8	0.1	<0.05	7	<0.5	<0.2
1068953	Soil	35	25	0.60	109	0.074	1	1.85	0.013	0.12	0.1	0.01	2.7	0.1	<0.05	7	<0.5	<0.2
1068952	Soil	28	34	0.57	193	0.057	2	2.27	0.010	0.07	0.1	0.02	3.6	0.2	<0.05	8	<0.5	<0.2
1068957	Soil	6	18	0.72	123	0.179	<1	1.53	0.024	0.21	0.1	0.01	2.5	<0.1	<0.05	7	<0.5	<0.2
1068967	Soil	27	10	0.08	51	0.028	<1	0.66	0.009	0.06	<0.1	0.01	0.9	<0.1	<0.05	5	<0.5	<0.2
1068973	Soil	19	51	0.89	234	0.138	1	3.17	0.011	0.16	0.1	0.03	4.0	0.2	<0.05	9	<0.5	<0.2
1068961	Soil	34	67	1.23	209	0.186	1	2.36	0.012	0.33	0.2	0.01	6.2	0.3	<0.05	10	<0.5	<0.2
1068962	Soil	24	122	2.15	206	0.320	<1	4.14	0.010	0.96	0.2	<0.01	9.1	0.6	<0.05	15	<0.5	<0.2
1067861	Soil	18	50	2.31	276	0.175	1	3.82	0.012	0.64	0.1	<0.01	7.1	0.3	<0.05	12	<0.5	<0.2
1067865	Soil	10	92	2.39	257	0.424	<1	4.14	0.014	1.08	0.2	0.01	8.4	0.8	<0.05	19	<0.5	<0.2
1067856	Soil	13	32	0.61	195	0.085	<1	2.01	0.010	0.10	0.2	0.01	3.1	0.1	<0.05	7	0.6	<0.2
1067871	Soil	59	33	1.52	232	0.099	<1	2.65	0.013	0.51	0.2	0.01	8.0	0.2	<0.05	14	0.5	<0.2
1067872	Soil	47	48	1.33	271	0.114	<1	2.46	0.014	0.26	0.2	0.03	6.8	0.2	<0.05	11	0.9	<0.2
1067874	Soil	44	72	1.48	220	0.117	<1	2.65	0.012	0.18	0.3	<0.01	6.3	0.2	<0.05	12	0.9	<0.2
1067869	Soil	52	62	1.95	321	0.196	<1	3.12	0.008	0.37	0.3	<0.01	7.4	0.4	<0.05	16	<0.5	<0.2
1067849	Soil	26	38	0.61	241	0.070	<1	2.18	0.011	0.06	0.1	0.04	5.4	<0.1	<0.05	7	0.8	<0.2
1067850	Soil	36	39	0.88	219	0.090	<1	2.37	0.010	0.12	0.2	0.02	4.6	0.2	<0.05	8	0.6	<0.2
1067842	Soil	12	48	0.79	186	0.090	<1	2.34	0.015	0.03	0.2	0.03	3.8	<0.1	<0.05	10	<0.5	<0.2
1067854	Soil	30	46	0.94	208	0.118	<1	2.93	0.011	0.20	0.2	0.03	4.8	0.3	<0.05	10	<0.5	<0.2
1067867	Soil	30	50	1.47	258	0.185	<1	3.10	0.009	0.19	0.2	0.02	4.5	0.2	<0.05	11	0.9	<0.2
1067953	Soil	20	19	0.54	204	0.058	<1	1.46	0.006	0.14	<0.1	0.02	2.3	0.1	<0.05	5	<0.5	<0.2
1067952	Soil	19	22	0.48	283	0.045	<1	1.47	0.007	0.07	0.1	0.01	2.5	0.1	<0.05	5	<0.5	<0.2
1067962	Soil	35	28	1.11	148	0.092	<1	1.87	0.008	0.10	<0.1	0.01	2.9	0.1	<0.05	8	0.7	<0.2
1067961	Soil	24	68	1.05	194	0.091	<1	2.02	0.009	0.11	<0.1	<0.01	4.0	0.1	0.08	7	1.7	<0.2
1067954	Soil	34	29	0.64	388	0.046	<1	1.54	0.008	0.12	0.1	0.03	4.0	0.2	<0.05	5	<0.5	<0.2
1067958	Soil	45	31	0.85	134	0.092	<1	1.73	0.008	0.15	<0.1	0.02	2.6	0.2	<0.05	6	1.8	<0.2
1067960	Soil	35	116	1.11	256	0.107	<1	2.66	0.012	0.08	0.1	0.04	8.2	0.1	<0.05	8	1.0	0.2
1067951	Soil	9	31	0.45	248	0.048	<1	1.80	0.008	0.09	0.1	0.02	2.3	<0.1	<0.05	6	<0.5	<0.2
1067955	Soil	23	42	0.74	308	0.057	<1	1.58	0.010	0.09	0.1	0.02	3.7	<0.1	<0.05	5	<0.5	<0.2
1067956	Soil	37	46	2.47	590	0.058	<1	1.59	0.005	0.08	0.2	0.03	3.0	0.2	<0.05	5	1.3	<0.2

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

Project: ECH
Report Date: July 12, 2011

CERTIFICATE OF ANALYSIS WHI11000323.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1067976	Soil	2.4	27.3	25.9	82	<0.1	36.9	16.7	450	5.02	4.0	3.6	<0.5	49.0	23	<0.1	0.3	3.5	69	0.44	0.075
1067972	Soil	5.2	9.3	10.1	51	<0.1	19.3	10.3	233	3.64	4.2	3.7	<0.5	30.2	12	<0.1	0.2	0.3	40	0.21	0.076
1067978	Soil	1.4	40.0	14.2	159	<0.1	34.4	24.9	897	6.36	3.0	2.3	0.5	28.0	34	0.2	0.2	0.3	111	0.87	0.179
1067963	Soil	2.7	46.4	25.3	121	<0.1	58.6	24.6	1059	4.80	10.5	2.6	1.1	13.3	23	0.3	0.2	0.3	122	0.35	0.062
1067973	Soil	2.2	12.9	7.8	46	<0.1	20.7	13.6	275	4.53	3.1	1.9	<0.5	31.9	12	<0.1	0.2	0.3	49	0.20	0.079
1067959	Soil	3.4	58.9	17.5	122	0.5	42.8	12.8	383	3.72	15.1	2.4	3.0	9.6	28	0.4	0.5	0.4	71	0.20	0.047
1067975	Soil	2.6	19.5	16.3	67	<0.1	39.3	23.4	572	6.17	6.2	2.0	0.5	26.8	25	0.1	0.4	0.4	98	0.48	0.111
1067979	Soil	1.4	38.9	12.7	154	<0.1	33.9	24.0	906	5.78	3.2	2.2	<0.5	27.4	42	0.1	0.2	0.3	96	1.18	0.202
1067974	Soil	2.0	20.5	15.3	66	<0.1	22.5	13.9	474	5.28	3.4	4.6	<0.5	45.5	19	0.1	0.2	0.5	53	0.32	0.091
1067977	Soil	1.3	20.0	16.0	89	<0.1	27.5	21.7	541	6.11	4.3	1.4	<0.5	20.3	21	<0.1	0.2	0.4	108	0.50	0.152
1066613	Soil	2.8	16.7	13.8	76	<0.1	20.1	8.3	378	4.76	10.8	1.4	3.3	12.6	10	0.1	0.7	0.4	78	0.10	0.045
1066614	Soil	1.5	25.8	12.3	50	<0.1	23.9	11.4	323	3.25	11.1	1.4	3.3	15.7	22	0.2	0.6	0.3	70	0.17	0.025
1066615	Soil	1.8	14.1	12.9	60	<0.1	19.2	11.0	371	4.85	11.1	1.0	0.6	10.1	12	0.2	0.6	0.5	92	0.12	0.048
1066616	Soil	0.7	35.1	19.5	64	<0.1	32.8	17.5	524	3.17	5.6	0.7	1.6	4.4	23	0.2	0.4	0.2	76	0.37	0.054
1066617	Soil	1.4	33.8	10.9	66	<0.1	51.0	33.6	1051	5.70	4.1	0.8	<0.5	5.9	24	<0.1	0.2	0.1	146	0.51	0.087
1066618	Soil	1.2	22.1	10.1	50	<0.1	24.5	14.0	331	3.58	7.0	0.6	0.6	4.8	15	<0.1	0.4	0.2	96	0.22	0.043
1066621	Soil	2.7	36.9	13.0	88	<0.1	18.5	16.2	651	6.72	2.6	2.7	0.5	16.8	10	0.2	0.2	0.3	111	0.21	0.122
1066620	Soil	1.6	17.6	12.5	61	<0.1	21.5	13.0	386	4.82	8.7	0.5	1.7	3.7	11	0.3	0.6	0.3	126	0.16	0.056
1066619	Soil	1.3	14.2	7.7	60	<0.1	21.3	20.0	197	5.40	4.2	0.8	<0.5	6.4	11	<0.1	0.3	0.2	177	0.20	0.104
1066622	Soil	1.5	29.4	9.6	53	<0.1	21.7	12.7	317	4.17	7.9	1.7	<0.5	14.9	14	<0.1	0.5	0.2	83	0.15	0.051
1066625	Soil	1.5	21.1	9.7	52	<0.1	19.6	11.6	284	3.66	7.2	1.3	0.9	13.0	13	0.1	0.4	0.2	79	0.14	0.027
1066623	Soil	1.2	27.2	11.0	59	<0.1	26.3	12.2	241	3.14	11.1	0.7	3.5	9.4	13	0.2	0.6	0.2	71	0.12	0.026
1069733	Soil	0.9	25.8	10.5	67	<0.1	23.9	10.4	317	2.78	7.0	1.4	4.0	9.4	32	0.1	0.6	0.2	63	0.44	0.053
1069729	Soil	0.8	23.2	10.0	66	<0.1	24.7	12.3	356	3.11	5.6	1.5	1.6	12.4	28	0.1	0.4	0.2	65	0.40	0.063
1069710	Soil	0.9	19.7	9.5	72	<0.1	22.2	15.5	479	3.91	4.7	1.3	0.6	11.1	23	0.1	0.3	0.2	89	0.40	0.073
1069705	Soil	0.9	17.4	10.1	61	0.1	22.6	11.4	304	3.01	5.5	1.7	1.2	9.9	22	<0.1	0.3	0.2	62	0.28	0.061
1069721	Soil	0.8	13.3	6.0	108	<0.1	13.6	15.5	682	5.75	2.5	1.2	<0.5	11.4	30	0.2	0.2	0.2	96	0.66	0.213
1069731	Soil	0.6	16.3	8.6	52	<0.1	16.6	8.8	197	2.34	4.2	1.2	2.4	7.6	21	0.1	0.3	0.2	51	0.27	0.056
1069702	Soil	1.4	17.4	11.8	62	0.2	19.8	11.4	390	2.84	6.9	2.4	4.9	7.9	24	0.2	0.3	0.3	56	0.31	0.080
1069720	Soil	1.2	15.1	10.3	56	<0.1	16.8	9.2	323	3.18	6.0	1.4	<0.5	10.9	24	0.1	0.3	0.2	69	0.30	0.058

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1067976	Soil		89	57	1.12	265	0.106	<1	2.12	0.012	0.29	0.5	0.01	8.8	0.3	<0.05	8	0.7	<0.2
1067972	Soil		47	29	0.51	121	0.020	<1	1.54	0.007	0.10	0.3	<0.01	3.0	<0.1	<0.05	6	<0.5	<0.2
1067978	Soil		63	51	1.66	309	0.234	<1	2.90	0.014	0.85	1.0	<0.01	6.4	0.5	<0.05	13	0.8	<0.2
1067963	Soil		17	135	2.50	268	0.195	<1	3.57	0.009	0.11	0.1	0.01	7.4	0.2	<0.05	12	0.8	<0.2
1067973	Soil		65	27	0.92	162	0.036	<1	2.19	0.006	0.18	0.4	<0.01	3.8	0.1	<0.05	10	<0.5	<0.2
1067959	Soil		30	44	0.81	181	0.082	<1	2.12	0.010	0.12	<0.1	0.01	3.5	0.2	<0.05	7	1.2	<0.2
1067975	Soil		37	60	1.26	304	0.051	<1	2.55	0.012	0.23	0.3	0.02	11.4	<0.1	<0.05	11	<0.5	<0.2
1067979	Soil		60	50	1.63	335	0.211	1	2.78	0.014	0.79	0.9	<0.01	6.5	0.4	<0.05	12	0.7	<0.2
1067974	Soil		71	30	0.38	231	0.015	<1	1.21	0.008	0.13	1.0	<0.01	9.8	<0.1	<0.05	5	<0.5	<0.2
1067977	Soil		31	46	1.67	440	0.176	<1	2.99	0.009	0.67	0.4	0.02	7.0	0.3	<0.05	14	<0.5	<0.2
1066613	Soil		18	31	0.47	126	0.067	1	2.35	0.008	0.10	0.2	0.03	3.8	0.1	<0.05	11	<0.5	<0.2
1066614	Soil		31	38	0.48	254	0.082	<1	2.75	0.014	0.06	0.1	0.05	4.1	0.1	<0.05	7	<0.5	<0.2
1066615	Soil		16	34	0.64	114	0.127	<1	2.13	0.010	0.14	0.2	0.01	3.9	0.1	<0.05	12	<0.5	<0.2
1066616	Soil		12	64	1.09	177	0.152	<1	1.93	0.017	0.11	0.2	0.02	4.1	<0.1	<0.05	7	<0.5	<0.2
1066617	Soil		10	146	2.15	331	0.415	<1	2.99	0.027	0.45	0.3	<0.01	6.4	0.2	<0.05	14	<0.5	<0.2
1066618	Soil		10	59	0.82	177	0.177	1	2.16	0.013	0.09	0.2	0.02	3.5	0.1	<0.05	8	<0.5	<0.2
1066621	Soil		38	36	1.30	203	0.171	<1	2.95	0.010	0.51	0.2	0.02	10.0	0.2	<0.05	18	<0.5	<0.2
1066620	Soil		7	58	0.82	160	0.202	<1	2.48	0.013	0.09	0.2	0.02	3.4	<0.1	<0.05	12	<0.5	<0.2
1066619	Soil		10	75	2.49	418	0.286	<1	3.35	0.018	0.50	0.6	0.02	8.8	0.3	<0.05	19	<0.5	<0.2
1066622	Soil		32	34	0.77	145	0.063	<1	2.60	0.010	0.08	0.1	0.02	5.6	<0.1	<0.05	10	0.6	<0.2
1066625	Soil		20	30	0.61	149	0.073	<1	2.15	0.009	0.09	0.1	0.01	4.1	0.1	<0.05	9	<0.5	<0.2
1066623	Soil		11	37	0.58	126	0.090	1	2.46	0.011	0.08	0.2	0.04	3.5	<0.1	<0.05	6	<0.5	<0.2
1069733	Soil		23	35	0.71	254	0.123	2	1.90	0.022	0.09	0.1	0.03	4.5	0.1	<0.05	7	0.5	<0.2
1069729	Soil		27	40	0.96	246	0.145	<1	2.11	0.020	0.18	0.2	0.03	4.8	0.2	<0.05	8	<0.5	<0.2
1069710	Soil		20	42	1.02	239	0.189	<1	2.25	0.015	0.19	0.2	0.02	4.9	0.1	<0.05	10	0.5	<0.2
1069705	Soil		22	36	0.69	217	0.099	1	2.11	0.013	0.10	0.2	0.04	3.9	0.1	<0.05	7	<0.5	<0.2
1069721	Soil		19	26	1.19	389	0.280	<1	2.61	0.013	1.07	0.3	0.01	8.2	0.3	<0.05	16	<0.5	<0.2
1069731	Soil		19	30	0.67	180	0.124	<1	1.70	0.021	0.13	0.1	0.03	3.5	0.1	<0.05	6	<0.5	<0.2
1069702	Soil		36	33	0.46	230	0.075	2	2.06	0.015	0.10	0.2	0.05	3.9	0.1	<0.05	7	<0.5	<0.2
1069720	Soil		31	30	0.62	226	0.145	<1	2.02	0.017	0.14	0.2	0.02	4.6	0.1	<0.05	8	<0.5	<0.2

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

Project: ECH
Report Date: July 12, 2011

CERTIFICATE OF ANALYSIS WHI11000323.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1069722	Soil	0.9	15.4	7.7	70	<0.1	16.2	13.7	446	4.56	4.7	1.0	1.2	10.5	25	<0.1	0.3	0.2	96	0.47	0.111
1069707	Soil	1.0	19.7	10.1	59	0.1	23.1	12.0	337	3.28	4.4	1.7	2.4	10.3	28	0.1	0.3	0.2	69	0.48	0.063
1069704	Soil	1.1	15.4	11.4	69	0.1	20.1	9.3	246	2.94	6.9	1.5	<0.5	4.5	22	<0.1	0.2	0.3	62	0.26	0.073
1069708	Soil	1.1	24.2	10.5	73	0.1	28.8	16.5	447	3.98	5.1	1.4	0.8	9.4	28	0.2	0.3	0.2	94	0.63	0.066
1069714	Soil	1.3	17.4	10.2	76	<0.1	23.9	12.7	378	4.04	5.8	2.1	3.0	12.1	29	0.1	0.3	0.2	82	0.48	0.087
1069711	Soil	1.0	20.1	8.1	79	<0.1	21.6	13.3	525	4.20	5.2	2.1	4.7	15.9	27	<0.1	0.3	0.3	76	0.46	0.087
1069723	Soil	0.8	24.5	8.0	69	<0.1	19.8	14.3	425	4.61	5.2	1.4	2.4	12.9	31	<0.1	0.4	0.2	90	0.51	0.118
1069719	Soil	1.2	12.7	9.4	82	<0.1	19.2	18.4	469	6.48	3.5	0.9	1.1	8.0	32	0.1	0.2	0.3	141	0.67	0.207
1069726	Soil	0.8	16.9	5.7	65	<0.1	21.8	19.5	465	5.14	4.3	1.1	<0.5	10.7	20	<0.1	0.2	0.1	112	0.33	0.085
1069713	Soil	0.2	7.5	3.7	120	<0.1	5.2	12.2	832	6.89	0.6	1.8	<0.5	19.8	24	<0.1	<0.1	0.2	81	0.52	0.146
1069715	Soil	0.5	8.6	4.4	69	<0.1	15.5	12.0	566	5.45	0.7	2.0	<0.5	21.4	22	<0.1	<0.1	0.5	63	0.54	0.162
1069717	Soil	0.8	16.0	9.1	72	<0.1	16.9	11.6	369	3.82	5.7	1.8	<0.5	9.6	28	<0.1	0.3	0.2	78	0.46	0.107
1069706	Soil	1.2	20.6	10.0	65	<0.1	26.9	14.8	357	3.71	4.6	1.5	2.8	10.3	25	0.1	0.3	0.2	79	0.40	0.076
1069709	Soil	0.8	16.8	7.3	66	<0.1	22.5	16.5	422	3.85	4.1	1.0	1.5	7.9	24	<0.1	0.2	0.2	91	0.46	0.081
1069701	Soil	1.6	13.6	12.1	62	0.1	18.4	9.5	324	2.72	6.8	1.6	<0.5	9.1	18	0.1	0.4	0.3	51	0.21	0.065
1066536	Soil	1.7	35.4	45.9	99	0.1	34.3	13.3	522	3.14	10.2	2.2	1.4	10.6	31	0.2	0.4	0.2	64	0.39	0.039
1066545	Soil	1.0	19.1	13.0	57	0.2	20.6	8.0	292	2.56	6.3	1.2	2.0	6.1	35	<0.1	0.3	0.2	55	0.50	0.047
1066541	Soil	0.8	18.3	28.3	64	<0.1	18.4	9.6	295	3.11	5.9	1.4	3.2	17.2	21	<0.1	0.4	0.3	55	0.30	0.068
1066535	Soil	1.8	25.4	59.9	95	0.5	18.5	7.9	363	2.48	8.3	2.1	<0.5	9.7	30	0.2	0.4	0.3	45	0.33	0.049
1066537	Soil	2.9	60.1	24.4	149	0.2	68.2	21.6	708	4.20	6.1	1.8	1.4	8.1	29	0.5	0.3	0.3	120	0.62	0.089
1066546	Soil	0.9	19.9	23.5	57	<0.1	21.2	9.6	333	2.68	9.7	1.6	5.1	9.6	27	<0.1	0.5	0.3	58	0.35	0.053
1066539	Soil	0.9	35.8	25.5	90	<0.1	41.4	15.3	210	2.98	4.6	1.8	1.2	12.6	20	0.2	0.3	0.3	42	0.34	0.049
1066538	Soil	1.9	36.2	23.9	86	0.2	37.1	13.0	458	3.05	11.4	1.7	2.8	8.0	31	0.2	0.3	0.2	71	0.48	0.058
1066540	Soil	1.1	16.5	17.7	54	<0.1	21.1	9.2	400	2.67	6.1	1.5	2.3	13.2	22	<0.1	0.4	0.2	55	0.28	0.047
1066716	Soil	2.2	16.9	33.6	67	0.1	19.3	8.6	333	2.17	6.4	2.2	2.2	7.1	30	0.4	0.4	0.2	47	0.42	0.071
1066550	Soil	1.1	12.2	10.0	46	<0.1	13.7	7.6	320	2.76	6.1	0.9	1.1	6.9	15	<0.1	0.4	0.3	61	0.18	0.048
1066548	Soil	1.0	19.7	9.9	43	<0.1	21.6	9.9	270	2.89	7.9	1.1	0.9	9.8	22	<0.1	0.5	0.2	65	0.23	0.031
1066543	Soil	1.0	17.1	12.6	52	<0.1	23.1	10.5	272	3.33	7.0	1.7	2.0	16.5	18	<0.1	0.4	0.3	65	0.25	0.065
1066715	Soil	2.0	19.1	25.9	65	0.2	19.1	8.4	353	2.38	7.1	2.1	0.8	8.7	31	0.2	0.4	0.3	50	0.46	0.054
1066708	Soil	2.1	47.7	24.7	133	0.1	57.6	17.1	570	3.83	5.3	1.6	2.3	7.5	32	0.5	0.3	0.3	109	0.63	0.074

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Project: ECH
Report Date: July 12, 2011

CERTIFICATE OF ANALYSIS WHI11000323.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1069722	Soil	31	31	1.26	283	0.244	<1	2.49	0.015	0.47	0.2	<0.01	6.2	0.2	<0.05	12	<0.5	<0.2
1069707	Soil	33	39	0.70	270	0.110	1	2.31	0.018	0.11	0.2	0.03	5.0	<0.1	<0.05	9	0.5	<0.2
1069704	Soil	19	35	0.59	201	0.075	1	2.11	0.011	0.10	0.1	0.04	3.8	0.2	<0.05	8	<0.5	<0.2
1069708	Soil	24	52	1.01	284	0.187	1	2.71	0.020	0.15	0.2	0.03	6.0	0.1	<0.05	10	<0.5	<0.2
1069714	Soil	29	41	1.00	310	0.217	1	2.38	0.018	0.27	0.2	0.02	5.8	0.2	<0.05	11	<0.5	<0.2
1069711	Soil	35	40	1.05	242	0.192	<1	2.30	0.014	0.26	0.1	0.01	6.5	0.2	<0.05	11	<0.5	<0.2
1069723	Soil	30	33	1.15	314	0.204	<1	2.38	0.019	0.50	0.3	0.03	8.1	0.2	<0.05	12	0.6	<0.2
1069719	Soil	17	40	1.40	303	0.327	<1	2.88	0.019	0.80	0.2	<0.01	5.8	0.3	<0.05	16	<0.5	<0.2
1069726	Soil	17	46	1.51	298	0.269	<1	2.79	0.013	0.71	0.3	<0.01	6.4	0.3	<0.05	14	<0.5	<0.2
1069713	Soil	26	8	1.61	384	0.413	<1	3.06	0.010	1.93	0.4	<0.01	10.6	0.5	<0.05	20	<0.5	<0.2
1069715	Soil	32	32	1.24	427	0.227	<1	2.46	0.012	0.97	0.2	<0.01	9.4	0.3	<0.05	17	<0.5	<0.2
1069717	Soil	24	28	0.91	258	0.187	1	2.22	0.016	0.21	0.2	0.03	5.4	0.1	<0.05	10	<0.5	<0.2
1069706	Soil	26	45	1.03	234	0.169	<1	2.27	0.016	0.17	0.2	0.02	4.7	0.1	<0.05	9	<0.5	<0.2
1069709	Soil	18	44	1.11	237	0.221	<1	2.15	0.016	0.21	0.2	0.02	4.6	0.1	<0.05	10	<0.5	<0.2
1069701	Soil	27	33	0.48	213	0.072	2	1.88	0.013	0.09	0.2	0.05	3.1	0.1	<0.05	7	<0.5	<0.2
1066536	Soil	24	59	0.98	236	0.094	<1	2.15	0.015	0.08	0.1	0.03	5.4	<0.1	<0.05	7	<0.5	<0.2
1066545	Soil	21	31	0.56	246	0.068	<1	1.86	0.016	0.08	0.1	0.03	3.4	0.1	<0.05	7	<0.5	<0.2
1066541	Soil	43	32	0.84	162	0.115	<1	1.86	0.011	0.22	<0.1	0.01	3.1	0.2	<0.05	7	<0.5	<0.2
1066535	Soil	25	30	0.74	221	0.068	<1	1.84	0.013	0.10	0.1	0.04	3.0	0.1	<0.05	6	<0.5	<0.2
1066537	Soil	19	144	2.07	357	0.197	<1	2.92	0.015	0.24	0.1	<0.01	6.9	0.3	<0.05	10	1.2	<0.2
1066546	Soil	28	33	0.60	223	0.101	2	1.73	0.015	0.08	0.2	0.02	3.9	0.1	<0.05	6	<0.5	<0.2
1066539	Soil	27	35	0.82	145	0.120	1	1.99	0.008	0.17	0.1	0.02	2.8	0.2	<0.05	6	<0.5	<0.2
1066538	Soil	19	68	1.20	299	0.123	2	2.17	0.016	0.10	0.2	0.02	4.4	0.1	<0.05	7	<0.5	<0.2
1066540	Soil	31	34	0.63	185	0.083	1	1.78	0.011	0.10	0.2	0.03	3.3	0.1	<0.05	6	<0.5	<0.2
1066716	Soil	24	33	0.65	174	0.079	<1	1.40	0.012	0.08	0.3	0.03	2.7	0.1	<0.05	5	<0.5	<0.2
1066550	Soil	25	25	0.49	114	0.086	1	1.77	0.011	0.17	0.1	0.02	2.3	0.2	<0.05	7	<0.5	<0.2
1066548	Soil	22	31	0.60	176	0.121	2	2.15	0.013	0.12	0.1	0.02	3.2	0.1	<0.05	6	<0.5	<0.2
1066543	Soil	32	35	0.73	165	0.149	1	2.44	0.011	0.20	0.2	0.01	3.6	0.2	<0.05	9	<0.5	<0.2
1066715	Soil	24	32	0.67	238	0.096	2	1.71	0.013	0.12	0.1	0.02	3.2	0.2	<0.05	6	0.7	<0.2
1066708	Soil	18	124	1.96	290	0.212	2	2.96	0.017	0.19	0.2	0.01	6.2	0.3	<0.05	10	<0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1066544	Soil	1.1	16.1	20.3	54	<0.1	20.1	9.0	335	2.76	5.6	1.7	2.6	14.5	31	0.4	0.3	0.2	50	0.49	0.067
1066542	Soil	0.9	11.5	12.0	47	<0.1	14.2	7.2	249	2.92	6.2	1.4	2.1	14.1	18	0.1	0.4	0.2	52	0.25	0.073
1067179	Soil	1.4	13.6	13.0	41	<0.1	16.7	7.6	239	2.85	9.2	0.9	2.1	5.7	14	<0.1	0.5	0.2	70	0.13	0.038
1067181	Soil	1.5	14.4	16.3	40	<0.1	17.6	7.8	249	2.95	9.5	1.0	1.6	5.8	17	0.3	0.6	0.2	74	0.16	0.038
1067178	Soil	1.2	8.2	14.6	36	<0.1	14.3	6.8	256	3.34	5.3	0.9	1.9	12.6	8	<0.1	0.3	0.4	49	0.08	0.027
1067182	Soil	1.1	21.8	11.7	58	<0.1	26.8	12.6	367	3.08	12.5	0.8	4.2	6.2	16	0.1	0.7	0.2	69	0.15	0.029
1067180	Soil	1.2	26.5	13.5	69	<0.1	31.0	12.5	345	3.19	12.4	0.8	1.9	5.6	15	0.3	0.7	0.2	70	0.15	0.036
1067169	Soil	0.7	15.5	11.3	48	<0.1	17.4	8.0	321	2.25	4.9	1.7	2.7	10.4	26	0.1	0.4	0.2	47	0.32	0.048
1067167	Soil	1.3	32.6	15.9	97	0.1	28.7	11.3	279	3.34	11.1	1.2	6.4	7.2	18	0.2	0.3	0.3	50	0.17	0.032
1067166	Soil	1.1	33.5	15.6	68	<0.1	29.2	11.4	266	3.63	4.0	1.3	1.2	13.1	13	<0.1	0.2	0.2	39	0.11	0.031
1067451	Soil	0.8	19.0	13.3	55	<0.1	20.1	10.0	311	3.05	7.1	1.0	2.3	9.7	23	<0.1	0.5	0.2	66	0.26	0.027
1067446	Soil	0.9	14.9	14.0	46	0.1	14.3	8.0	619	2.39	5.7	0.9	1.2	6.0	23	0.2	0.4	0.7	58	0.25	0.050
1067454	Soil	0.8	19.0	9.3	73	<0.1	20.4	13.4	531	4.27	9.3	0.7	<0.5	8.0	29	0.2	0.6	0.2	97	0.37	0.086
1067461	Soil	1.2	16.5	15.1	75	<0.1	28.4	13.7	390	3.97	7.1	1.3	1.8	21.9	22	<0.1	0.4	0.3	84	0.25	0.028
1067450	Soil	0.8	20.1	16.0	56	<0.1	21.2	9.6	297	3.08	7.9	1.1	2.5	11.0	24	0.1	0.5	0.3	66	0.27	0.033
1067449	Soil	0.9	14.4	16.4	51	<0.1	18.1	8.2	282	2.94	7.1	0.9	<0.5	7.8	22	<0.1	0.4	0.3	64	0.24	0.029
1067456	Soil	1.0	15.0	10.2	90	<0.1	16.6	11.9	563	5.22	6.2	1.1	3.0	14.1	25	0.2	0.4	0.3	75	0.30	0.071
1067457	Soil	0.7	12.5	8.4	78	<0.1	24.2	18.2	726	4.51	2.9	1.0	0.7	13.4	34	0.2	0.2	0.1	94	0.58	0.082
1067453	Soil	1.0	13.7	11.9	72	<0.1	29.0	16.0	611	5.62	6.7	0.9	2.9	8.5	32	0.2	0.3	0.2	114	0.47	0.149
1067448	Soil	1.2	14.6	14.7	52	0.1	15.6	7.6	271	3.01	7.7	0.6	1.3	5.0	19	0.2	0.5	0.5	76	0.20	0.029
1067455	Soil	0.9	15.8	9.7	89	<0.1	16.9	12.1	533	5.26	6.1	1.0	<0.5	14.8	21	<0.1	0.3	0.3	75	0.26	0.067
1067460	Soil	1.1	21.6	12.3	62	<0.1	27.8	12.6	435	3.42	10.1	1.0	0.7	13.4	33	0.2	0.5	0.2	77	0.35	0.033
1067447	Soil	0.9	19.7	29.9	63	0.1	16.0	11.3	1062	2.59	6.6	0.7	3.6	3.3	30	0.9	0.5	0.6	66	0.29	0.053
1067452	Soil	1.5	17.3	13.8	68	<0.1	18.9	10.9	388	4.02	9.6	0.9	1.0	8.6	22	<0.1	0.5	0.3	105	0.23	0.040
1067459	Soil	0.8	11.2	15.9	94	<0.1	16.1	12.7	1072	3.21	3.6	0.8	<0.5	7.9	41	0.3	0.3	0.2	72	0.57	0.132
1067458	Soil	1.7	11.5	11.4	58	0.1	13.6	10.9	1506	2.33	2.5	0.7	1.1	7.9	23	0.1	0.3	0.3	49	0.37	0.031
1068963	Soil	1.2	17.8	10.3	49	<0.1	21.2	10.3	294	3.03	9.5	0.6	1.1	5.4	12	0.1	0.5	0.2	71	0.12	0.028
1068958	Soil	1.0	15.7	9.4	54	<0.1	19.7	10.2	294	3.58	7.8	0.6	<0.5	8.0	13	<0.1	0.5	0.2	62	0.13	0.028
1068960	Soil	1.2	10.5	9.6	49	<0.1	15.1	7.8	237	3.49	6.9	0.5	1.0	5.3	8	<0.1	0.5	0.3	73	0.08	0.026
1068964	Soil	0.6	8.3	5.8	19	<0.1	4.1	2.3	105	1.22	1.8	0.5	1.2	0.4	7	<0.1	0.2	0.2	30	0.06	0.033

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

Project: ECH
Report Date: July 12, 2011

CERTIFICATE OF ANALYSIS WHI11000323.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1066544	Soil	32	31	0.61	189	0.137	1	1.81	0.016	0.17	0.2	0.02	3.2	0.2	<0.05	7	<0.5	<0.2
1066542	Soil	21	26	0.63	129	0.146	1	1.94	0.010	0.25	0.2	0.01	2.7	0.2	<0.05	8	<0.5	<0.2
1067179	Soil	15	31	0.39	139	0.069	<1	2.17	0.008	0.06	0.2	0.05	3.0	0.1	<0.05	7	<0.5	<0.2
1067181	Soil	16	33	0.40	148	0.091	2	2.29	0.010	0.08	0.2	0.05	3.2	0.2	<0.05	7	<0.5	<0.2
1067178	Soil	21	22	0.53	72	0.035	1	2.53	0.006	0.10	0.2	0.02	2.3	0.2	<0.05	11	<0.5	<0.2
1067182	Soil	13	37	0.61	152	0.096	2	2.55	0.012	0.07	0.2	0.04	3.8	0.1	<0.05	6	<0.5	<0.2
1067180	Soil	13	36	0.60	150	0.082	2	2.69	0.011	0.10	0.2	0.04	3.3	0.1	<0.05	7	<0.5	<0.2
1067169	Soil	44	28	0.48	155	0.078	1	1.51	0.012	0.08	0.2	0.03	3.0	<0.1	<0.05	5	<0.5	<0.2
1067167	Soil	18	31	0.74	157	0.094	<1	2.04	0.007	0.12	0.1	0.02	2.5	0.2	<0.05	7	<0.5	<0.2
1067166	Soil	23	26	0.63	89	0.092	<1	1.96	0.005	0.27	<0.1	<0.01	2.5	0.3	<0.05	6	<0.5	<0.2
1067451	Soil	24	35	0.64	208	0.086	<1	2.09	0.012	0.06	0.1	0.02	3.6	0.1	<0.05	7	<0.5	<0.2
1067446	Soil	25	26	0.42	202	0.079	1	1.64	0.013	0.08	0.2	0.01	2.7	0.1	<0.05	6	<0.5	<0.2
1067454	Soil	12	36	0.99	287	0.241	2	2.58	0.014	0.42	0.2	<0.01	5.3	0.2	<0.05	10	<0.5	<0.2
1067461	Soil	22	50	1.03	191	0.130	2	2.95	0.014	0.17	0.3	0.02	4.4	0.1	<0.05	12	<0.5	<0.2
1067450	Soil	24	38	0.62	194	0.092	1	2.29	0.013	0.08	0.2	0.01	3.4	0.1	<0.05	7	<0.5	<0.2
1067449	Soil	22	33	0.58	168	0.072	<1	2.07	0.010	0.10	0.2	<0.01	2.9	0.1	<0.05	7	<0.5	<0.2
1067456	Soil	26	31	1.25	219	0.254	2	2.88	0.012	0.55	0.3	<0.01	7.1	0.4	<0.05	17	<0.5	<0.2
1067457	Soil	15	57	1.55	404	0.294	2	2.48	0.018	0.49	0.3	0.02	5.5	0.2	<0.05	15	<0.5	<0.2
1067453	Soil	15	61	1.40	421	0.304	1	2.87	0.017	0.58	0.3	<0.01	6.9	0.2	<0.05	15	<0.5	<0.2
1067448	Soil	14	32	0.45	182	0.083	<1	2.06	0.010	0.09	0.2	0.03	2.8	0.1	<0.05	7	<0.5	<0.2
1067455	Soil	24	32	1.26	185	0.236	<1	2.86	0.010	0.53	0.3	<0.01	6.8	0.3	<0.05	17	<0.5	<0.2
1067460	Soil	29	43	0.85	255	0.149	2	2.43	0.016	0.16	0.2	0.01	4.0	0.1	<0.05	8	<0.5	<0.2
1067447	Soil	15	29	0.40	212	0.072	2	2.11	0.023	0.09	0.1	0.02	2.6	0.1	<0.05	7	<0.5	<0.2
1067452	Soil	15	43	0.87	220	0.174	2	2.66	0.012	0.17	0.1	0.01	4.3	0.2	<0.05	11	<0.5	<0.2
1067459	Soil	14	34	1.01	370	0.187	2	2.33	0.027	0.21	0.2	0.02	5.0	0.2	<0.05	13	<0.5	<0.2
1067458	Soil	14	24	0.39	263	0.033	1	1.76	0.017	0.07	0.9	0.02	2.1	0.1	<0.05	7	<0.5	<0.2
1068963	Soil	11	35	0.50	138	0.078	2	2.41	0.008	0.06	0.1	0.02	3.0	0.1	<0.05	7	<0.5	<0.2
1068958	Soil	12	29	0.94	150	0.122	2	2.40	0.008	0.20	0.2	0.02	2.7	0.2	<0.05	9	0.8	<0.2
1068960	Soil	9	34	0.63	97	0.123	<1	2.24	0.007	0.11	0.2	0.03	2.4	0.2	<0.05	10	<0.5	<0.2
1068964	Soil	15	9	0.20	44	0.033	<1	0.74	0.010	0.09	<0.1	0.02	0.3	<0.1	<0.05	4	<0.5	<0.2

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Vancouver BC V6C 1H2 Canada

Project: ECH
Report Date: July 12, 2011

CERTIFICATE OF ANALYSIS WHI11000323.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1068965	Soil		0.7	7.0	5.9	25	<0.1	5.3	3.1	138	1.83	3.6	0.3	<0.5	0.4	7	<0.1	0.3	0.2	46	0.06	0.028
1068971	Soil		1.3	24.2	13.3	58	0.3	26.4	12.0	288	3.37	10.7	0.9	4.1	15.3	14	0.2	0.6	0.3	66	0.11	0.028
1068969	Soil		2.3	9.2	8.3	47	<0.1	9.0	9.3	291	4.23	5.5	1.7	1.4	8.2	10	<0.1	0.3	0.2	56	0.12	0.069
1068970	Soil		1.4	7.3	8.3	16	<0.1	3.5	2.4	90	1.32	1.2	1.2	0.8	0.5	6	<0.1	<0.1	0.1	24	0.05	0.047
1068956	Soil		0.7	10.3	9.4	34	<0.1	11.8	5.4	159	2.25	6.2	0.6	1.9	0.6	14	0.1	0.3	0.2	58	0.15	0.039
1068955	Soil		0.5	13.9	10.2	45	<0.1	13.6	7.6	249	2.24	2.5	0.9	<0.5	5.8	14	0.1	0.3	0.2	43	0.18	0.046
1068951	Soil		1.3	18.8	11.6	53	<0.1	16.5	8.1	254	2.91	8.5	0.7	2.1	4.8	16	0.1	0.7	0.2	72	0.13	0.026
1068966	Soil		1.2	16.5	9.9	52	<0.1	22.6	12.2	259	3.99	7.5	0.9	2.2	11.0	13	<0.1	0.6	0.2	61	0.12	0.032
1068959	Soil		1.1	8.0	7.5	60	<0.1	20.3	15.9	297	6.16	6.1	0.7	1.0	5.2	11	<0.1	0.3	0.3	115	0.15	0.061
1068974	Soil		1.1	19.9	9.7	58	<0.1	26.0	14.0	320	4.05	10.3	0.7	1.0	8.4	14	0.1	0.6	0.2	82	0.13	0.027
1068972	Soil		1.4	16.7	13.1	43	0.1	16.7	6.7	220	2.89	8.2	0.8	2.4	7.6	12	0.2	0.5	0.3	69	0.11	0.031
1068968	Soil		1.8	15.1	7.7	71	<0.1	23.9	22.1	711	5.71	4.0	1.8	1.0	16.1	17	<0.1	0.2	0.3	108	0.28	0.103
1067868	Soil		0.9	26.8	146.1	117	<0.1	30.3	18.4	445	5.01	1.6	1.4	<0.5	26.7	21	<0.1	0.2	0.4	93	0.42	0.113
1067855	Soil		0.2	37.9	2.5	38	<0.1	28.0	27.7	455	4.96	1.2	0.7	<0.5	7.1	23	<0.1	<0.1	<0.1	106	0.58	0.156
1067864	Soil		0.9	8.9	6.4	61	<0.1	27.5	12.8	367	5.26	4.6	0.6	0.9	7.9	11	<0.1	0.2	0.2	109	0.14	0.050
1067866	Soil		1.0	11.0	9.9	57	<0.1	17.5	10.6	389	4.06	5.2	0.6	1.1	6.7	12	<0.1	0.4	0.2	88	0.13	0.058
1067853	Soil		1.2	12.0	12.0	57	<0.1	12.6	6.9	642	3.01	7.4	0.5	0.8	3.1	10	0.2	0.5	0.3	73	0.09	0.067
1067851	Soil		0.9	16.9	10.0	55	<0.1	22.8	9.6	281	3.41	7.7	1.0	2.1	8.9	13	<0.1	0.5	0.2	73	0.13	0.034
1067846	Soil		1.1	19.2	10.5	56	<0.1	25.1	11.9	321	3.73	11.4	0.5	1.4	4.4	15	0.2	0.7	0.2	78	0.14	0.038
1067965	Soil		0.9	43.1	10.5	85	<0.1	27.3	12.0	218	3.95	2.9	3.2	2.0	21.1	25	<0.1	0.1	0.4	38	0.19	0.041
1067968	Soil		0.7	58.3	12.7	101	<0.1	45.0	23.9	561	3.72	0.5	1.5	0.9	22.8	21	<0.1	<0.1	0.3	35	0.28	0.066
1067964	Soil		1.9	108.0	10.6	73	<0.1	108.1	23.2	334	4.82	1.5	1.2	0.5	9.8	26	<0.1	<0.1	0.1	105	0.39	0.110
1067957	Soil		3.9	46.9	54.7	215	0.5	74.2	10.2	962	3.15	5.6	2.0	2.2	15.0	58	1.3	0.2	0.6	58	3.94	0.094
1067967	Soil		0.7	52.9	13.7	114	<0.1	54.5	19.7	279	4.64	1.2	4.5	1.2	30.2	18	<0.1	<0.1	0.4	44	0.22	0.051
1067966	Soil		0.9	39.9	12.3	80	<0.1	33.6	13.8	269	3.55	3.6	2.5	2.6	17.4	24	<0.1	0.2	0.4	49	0.23	0.034
1067970	Soil		1.6	10.7	9.6	43	<0.1	13.5	11.3	254	4.34	1.3	2.6	0.8	28.5	14	<0.1	<0.1	0.2	44	0.32	0.140
1067969	Soil		1.7	11.7	10.9	41	<0.1	10.3	7.4	378	2.74	3.8	2.3	1.8	19.6	16	<0.1	0.2	0.1	27	0.23	0.088
1067971	Soil		1.6	12.1	7.6	59	<0.1	14.4	9.8	316	3.77	5.3	0.9	1.1	15.8	9	<0.1	0.3	0.2	57	0.11	0.064
1069513	Soil		0.6	24.8	6.6	53	<0.1	20.6	16.7	462	3.84	2.4	1.8	2.3	0.6	27	<0.1	0.3	0.1	78	0.37	0.097
1069522	Soil		0.2	3.7	10.1	118	<0.1	19.5	11.5	488	4.53	2.4	3.0	<0.5	21.7	36	<0.1	<0.1	0.2	93	1.34	0.453

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1068965	Soil	5	14	0.23	43	0.055	1	0.81	0.011	0.06	<0.1	0.02	0.7	<0.1	<0.05	5	<0.5	<0.2
1068971	Soil	18	37	0.55	194	0.061	2	3.56	0.008	0.07	0.1	0.04	3.9	0.1	<0.05	7	0.7	<0.2
1068969	Soil	38	17	0.27	89	0.013	<1	1.71	0.005	0.07	0.3	0.03	2.6	0.2	<0.05	8	<0.5	<0.2
1068970	Soil	23	8	0.05	56	0.011	<1	0.56	0.008	0.07	<0.1	0.03	0.2	<0.1	<0.05	3	<0.5	<0.2
1068956	Soil	10	24	0.43	100	0.077	1	1.35	0.008	0.06	<0.1	0.04	1.7	0.1	<0.05	7	<0.5	<0.2
1068955	Soil	28	22	0.60	116	0.094	1	1.49	0.013	0.13	0.1	0.02	2.2	0.1	<0.05	6	0.7	<0.2
1068951	Soil	14	31	0.39	179	0.062	<1	2.36	0.009	0.05	0.1	0.03	2.7	0.1	<0.05	8	0.6	<0.2
1068966	Soil	23	30	0.83	137	0.119	2	2.58	0.007	0.16	0.1	0.03	3.0	0.3	<0.05	8	<0.5	<0.2
1068959	Soil	9	44	2.06	236	0.443	<1	3.99	0.013	1.01	0.2	0.01	5.3	0.6	<0.05	15	<0.5	<0.2
1068974	Soil	12	43	0.77	171	0.108	1	2.84	0.008	0.10	0.2	0.02	3.9	0.1	<0.05	9	<0.5	<0.2
1068972	Soil	19	27	0.33	151	0.064	1	1.86	0.007	0.07	0.2	0.03	2.4	<0.1	<0.05	7	<0.5	<0.2
1068968	Soil	31	36	1.22	261	0.241	1	2.82	0.007	0.92	0.3	0.01	7.6	0.6	<0.05	11	<0.5	<0.2
1067868	Soil	62	64	1.98	347	0.179	<1	3.26	0.008	0.39	0.3	<0.01	7.3	0.4	<0.05	16	<0.5	<0.2
1067855	Soil	21	50	2.29	299	0.284	<1	2.93	0.012	1.00	0.2	<0.01	3.6	0.6	<0.05	8	<0.5	<0.2
1067864	Soil	10	85	2.25	247	0.434	<1	4.07	0.012	0.92	0.3	<0.01	8.6	0.7	<0.05	20	<0.5	<0.2
1067866	Soil	13	41	0.83	177	0.159	1	2.31	0.008	0.19	0.2	0.01	3.8	0.2	<0.05	13	<0.5	<0.2
1067853	Soil	11	27	0.31	145	0.068	<1	1.85	0.006	0.07	0.2	0.02	1.8	0.1	<0.05	8	<0.5	<0.2
1067851	Soil	22	38	0.78	148	0.089	<1	2.44	0.008	0.10	0.1	0.02	3.7	0.2	<0.05	9	<0.5	<0.2
1067846	Soil	10	37	0.61	197	0.091	2	2.37	0.009	0.08	0.2	0.02	3.2	<0.1	<0.05	8	<0.5	<0.2
1067965	Soil	65	38	0.74	141	0.063	<1	1.86	0.012	0.20	<0.1	<0.01	3.6	0.2	<0.05	6	<0.5	<0.2
1067968	Soil	73	32	0.87	42	0.013	<1	1.91	0.004	0.14	<0.1	<0.01	3.1	0.1	<0.05	7	<0.5	<0.2
1067964	Soil	14	176	2.23	116	0.367	<1	3.20	0.014	0.18	0.1	<0.01	4.9	0.2	<0.05	13	<0.5	<0.2
1067957	Soil	46	40	2.51	402	0.063	<1	1.79	0.004	0.13	0.1	0.04	4.1	0.2	<0.05	6	1.2	<0.2
1067967	Soil	75	59	1.23	70	0.108	<1	2.67	0.007	0.43	<0.1	0.01	6.0	0.4	<0.05	9	<0.5	<0.2
1067966	Soil	49	48	0.86	167	0.083	<1	2.05	0.011	0.12	<0.1	0.01	3.7	0.1	<0.05	7	<0.5	<0.2
1067970	Soil	51	16	0.51	113	0.007	<1	1.67	0.007	0.12	0.5	<0.01	3.5	<0.1	<0.05	6	<0.5	<0.2
1067969	Soil	22	18	0.19	90	0.015	<1	1.01	0.007	0.10	0.3	<0.01	2.4	<0.1	<0.05	3	<0.5	<0.2
1067971	Soil	20	22	0.86	120	0.030	<1	2.54	0.006	0.09	0.2	0.01	2.5	<0.1	<0.05	11	<0.5	<0.2
1069513	Soil	12	50	0.83	299	0.029	<1	2.00	0.017	0.10	<0.1	0.02	6.7	0.1	<0.05	8	<0.5	<0.2
1069522	Soil	76	27	2.03	305	0.115	<1	3.16	0.010	1.15	0.2	<0.01	13.4	0.7	<0.05	19	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
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Project: ECH
Report Date: July 12, 2011

CERTIFICATE OF ANALYSIS WHI11000323.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1069518	Soil	1.2	14.6	17.3	89	<0.1	12.9	10.6	625	3.58	7.1	1.0	1.2	4.4	13	0.3	0.6	0.4	76	0.11	0.060
1069525	Soil	0.9	24.6	15.3	68	<0.1	23.4	9.9	329	2.99	7.4	2.7	2.6	10.7	35	0.1	0.5	0.2	67	0.35	0.049
1069515	Soil	1.2	14.3	12.4	61	<0.1	15.8	15.6	790	4.01	8.7	0.7	1.9	4.9	15	0.1	0.5	0.3	98	0.15	0.060
1069517	Soil	0.6	36.2	6.8	67	<0.1	14.5	20.5	780	6.14	4.7	1.0	1.3	7.4	24	0.1	0.2	0.2	129	0.35	0.147
1069724	Soil	0.8	28.0	9.5	78	<0.1	24.2	13.5	518	4.24	8.2	1.7	2.7	12.0	37	0.1	0.5	0.3	87	0.48	0.081
1069718	Soil	0.9	18.4	11.4	77	<0.1	20.7	13.3	451	4.56	7.4	1.7	4.2	11.0	34	0.1	0.3	0.2	91	0.52	0.104
1069716	Soil	0.4	7.5	5.0	76	<0.1	24.7	14.1	745	6.75	1.5	2.4	1.3	23.9	30	<0.1	<0.1	0.5	86	0.67	0.250
1069728	Soil	0.7	29.6	10.2	72	0.1	25.3	11.5	366	3.23	8.7	1.4	3.4	10.3	38	0.2	0.7	0.2	67	0.47	0.067
1069712	Soil	0.4	7.4	4.1	122	<0.1	5.2	9.2	864	6.80	1.3	1.9	<0.5	23.3	24	<0.1	<0.1	0.2	56	0.42	0.136
1069732	Soil	0.7	19.9	12.6	85	<0.1	23.3	14.4	759	3.53	6.9	1.7	4.3	13.4	50	0.2	0.4	0.3	70	0.77	0.105
1069730	Soil	0.7	24.4	10.9	78	0.1	24.8	12.9	419	3.51	7.4	1.9	2.6	13.1	34	0.2	0.6	0.2	69	0.46	0.069
1069725	Soil	1.0	34.2	11.6	81	0.1	27.8	13.4	573	3.38	10.3	1.4	5.0	7.9	53	0.3	0.8	0.2	70	0.73	0.087
1069703	Soil	1.2	15.9	11.4	74	<0.1	19.2	14.6	574	3.56	8.4	1.5	3.0	12.8	25	0.2	0.4	0.3	65	0.29	0.071
1069727	Soil	0.6	12.5	7.4	54	<0.1	22.1	11.2	417	3.96	7.4	1.0	<0.5	18.4	25	0.1	0.4	0.2	76	0.38	0.082
1067173	Soil	1.1	23.8	14.5	66	<0.1	27.6	12.9	346	3.53	12.8	0.9	3.1	9.5	18	0.2	0.7	0.2	67	0.18	0.044
1067171	Soil	1.2	15.1	18.2	61	<0.1	24.3	12.3	396	3.44	6.5	1.8	2.0	20.5	16	0.3	0.6	0.2	51	0.16	0.039
1067168	Soil	1.7	42.6	10.9	133	0.2	36.8	15.9	672	3.53	4.7	1.2	2.1	7.9	26	0.6	0.3	0.4	78	0.38	0.087
1067172	Soil	1.1	15.1	18.1	58	<0.1	23.0	12.5	416	3.47	6.5	1.9	1.6	22.1	16	0.3	0.6	0.3	50	0.17	0.044
1067165	Soil	1.2	33.9	10.0	121	<0.1	44.1	19.1	733	6.18	9.9	0.6	0.7	4.3	20	0.2	0.2	0.2	99	0.20	0.037
1067170	Soil	1.2	19.7	13.1	59	<0.1	25.6	11.8	322	3.38	9.9	1.0	2.9	11.9	21	0.2	0.7	0.2	68	0.18	0.027
1067174	Soil	1.2	18.8	16.6	53	<0.1	23.4	10.3	319	3.40	11.4	0.9	2.1	11.4	16	0.2	0.7	0.3	66	0.14	0.036
1067164	Soil	1.0	14.9	17.1	55	<0.1	27.1	11.2	314	3.42	7.2	1.4	0.8	9.5	21	0.2	0.3	0.3	57	0.17	0.026
1067176	Soil	1.2	12.3	35.6	52	<0.1	15.7	9.9	443	3.20	8.0	2.5	1.2	23.9	14	0.2	0.6	0.5	38	0.23	0.093
1067175	Soil	0.8	11.4	12.7	48	<0.1	16.6	7.2	259	3.51	8.2	1.1	0.6	15.7	9	0.1	0.5	0.2	56	0.08	0.039
1067177	Soil	1.3	25.4	14.8	71	<0.1	30.9	14.6	365	3.62	13.6	0.9	2.1	8.3	17	0.3	0.8	0.3	75	0.17	0.035
1067153	Soil	1.1	39.4	18.1	79	<0.1	49.3	20.0	444	3.74	7.5	0.9	1.1	8.3	28	0.2	0.5	0.2	62	0.28	0.041
1067155	Soil	0.8	26.4	16.3	82	<0.1	35.2	14.5	465	3.22	6.9	1.2	3.7	9.1	25	0.2	0.6	0.2	54	0.29	0.058
1067160	Soil	0.9	28.0	10.7	83	0.2	21.1	9.1	430	3.40	9.4	0.6	2.6	3.5	25	0.2	0.5	0.2	62	0.20	0.029
1067157	Soil	1.6	41.3	13.6	93	0.3	42.7	22.7	726	5.70	7.0	1.2	1.4	4.0	16	0.4	0.6	0.2	123	0.15	0.042
1067158	Soil	1.3	39.5	14.2	84	0.2	38.2	13.8	362	3.67	11.0	1.0	2.4	5.9	21	0.3	0.7	0.2	71	0.14	0.035

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Project: ECH
Report Date: July 12, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1069518	Soil	21	28	0.39	159	0.037	1	1.95	0.011	0.09	0.1	0.02	3.0	0.2	<0.05	9	<0.5	<0.2
1069525	Soil	32	38	0.75	272	0.115	2	1.98	0.019	0.08	0.3	0.03	5.0	0.1	<0.05	7	0.5	<0.2
1069515	Soil	10	38	0.67	262	0.158	2	2.18	0.012	0.13	0.1	0.01	2.8	0.1	<0.05	10	<0.5	<0.2
1069517	Soil	11	26	1.80	560	0.375	2	3.37	0.014	0.91	0.3	<0.01	8.4	0.3	<0.05	16	<0.5	<0.2
1069724	Soil	34	39	1.19	327	0.187	2	2.67	0.028	0.40	0.3	0.03	6.8	0.2	<0.05	11	<0.5	<0.2
1069718	Soil	27	36	1.09	335	0.233	2	2.59	0.019	0.27	0.2	0.03	5.9	0.2	<0.05	11	<0.5	<0.2
1069716	Soil	37	51	1.76	479	0.298	1	3.12	0.014	1.31	0.2	<0.01	10.4	0.4	<0.05	21	<0.5	<0.2
1069728	Soil	28	36	0.84	334	0.140	2	2.17	0.030	0.12	0.2	0.04	4.9	0.2	<0.05	7	0.7	<0.2
1069712	Soil	28	9	1.41	393	0.405	<1	3.16	0.011	1.79	0.5	<0.01	10.7	0.5	<0.05	21	<0.5	<0.2
1069732	Soil	32	39	0.98	339	0.121	2	2.30	0.021	0.22	0.2	0.03	5.1	0.1	<0.05	9	<0.5	<0.2
1069730	Soil	32	41	0.99	296	0.176	2	2.48	0.025	0.25	0.2	0.04	5.1	0.2	<0.05	9	<0.5	<0.2
1069725	Soil	23	34	0.82	370	0.129	2	2.06	0.040	0.11	0.2	0.04	4.9	0.1	<0.05	7	0.5	<0.2
1069703	Soil	27	33	0.63	210	0.121	2	2.42	0.014	0.15	0.2	0.02	3.5	0.2	<0.05	8	<0.5	<0.2
1069727	Soil	21	39	1.55	248	0.271	2	2.71	0.014	0.63	0.2	0.02	6.4	0.4	<0.05	13	<0.5	<0.2
1067173	Soil	18	36	0.62	158	0.077	3	3.16	0.014	0.13	0.2	0.04	3.9	0.1	<0.05	7	0.8	<0.2
1067171	Soil	40	28	0.61	141	0.062	2	2.44	0.011	0.11	0.1	0.03	3.3	0.1	<0.05	7	<0.5	<0.2
1067168	Soil	23	89	1.34	326	0.102	1	2.24	0.008	0.14	0.1	0.01	4.1	<0.1	<0.05	7	1.6	<0.2
1067172	Soil	41	27	0.58	136	0.062	2	2.41	0.009	0.12	0.1	0.03	3.4	0.2	<0.05	7	<0.5	<0.2
1067165	Soil	6	201	2.40	197	0.305	<1	4.11	0.006	0.50	0.1	<0.01	4.5	0.4	<0.05	10	<0.5	<0.2
1067170	Soil	22	35	0.58	165	0.086	2	2.72	0.012	0.10	0.1	0.03	3.6	0.1	<0.05	7	<0.5	<0.2
1067174	Soil	23	32	0.52	131	0.054	2	2.76	0.010	0.10	0.1	0.05	3.1	0.1	<0.05	8	<0.5	<0.2
1067164	Soil	20	46	0.91	168	0.100	2	2.65	0.007	0.15	0.1	0.02	2.9	0.2	<0.05	8	<0.5	<0.2
1067176	Soil	65	21	0.50	98	0.028	2	2.04	0.010	0.12	0.1	0.02	2.5	0.1	<0.05	8	<0.5	<0.2
1067175	Soil	29	25	0.50	103	0.034	<1	2.83	0.007	0.12	0.1	0.03	2.8	0.2	<0.05	11	0.5	<0.2
1067177	Soil	16	40	0.64	175	0.092	2	3.06	0.014	0.09	0.2	0.04	3.9	0.1	<0.05	7	<0.5	<0.2
1067153	Soil	21	50	1.00	141	0.116	2	2.46	0.013	0.28	0.1	0.02	3.0	0.2	<0.05	7	<0.5	<0.2
1067155	Soil	22	37	0.84	175	0.106	2	2.00	0.013	0.15	0.1	0.01	3.0	0.2	<0.05	5	<0.5	<0.2
1067160	Soil	10	30	0.65	216	0.089	2	2.27	0.009	0.13	0.1	0.02	3.0	0.2	<0.05	7	<0.5	<0.2
1067157	Soil	12	53	1.57	214	0.080	2	3.51	0.008	0.27	<0.1	0.03	5.8	0.3	<0.05	9	0.6	<0.2
1067158	Soil	16	40	0.62	212	0.078	2	2.83	0.010	0.13	0.1	0.03	3.6	0.2	<0.05	7	0.6	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1067852	Soil	1.0	17.0	11.6	58	<0.1	21.9	10.7	377	3.88	9.6	0.8	1.2	7.7	16	0.2	0.5	0.2	77	0.17	0.054
1067843	Soil	0.8	19.1	9.2	56	<0.1	28.5	16.6	399	5.32	7.7	1.5	1.9	12.9	19	<0.1	0.6	0.3	126	0.24	0.078
1067859	Soil	0.9	24.7	12.7	79	<0.1	30.2	14.0	378	3.91	9.2	0.8	1.7	14.4	24	0.1	0.6	0.2	94	0.23	0.025
1067873	Soil	1.0	39.6	16.2	123	<0.1	42.6	21.0	730	5.42	5.5	1.9	3.2	19.7	41	<0.1	0.4	0.3	105	0.71	0.120
1067857	Soil	1.3	29.6	12.2	64	<0.1	29.4	13.9	374	3.81	11.8	1.1	2.0	17.8	26	0.1	0.7	0.2	86	0.21	0.036
1067862	Soil	1.1	14.1	10.6	61	<0.1	28.2	15.6	375	5.02	8.4	0.6	2.4	7.2	10	<0.1	0.5	0.2	128	0.14	0.079
1067858	Soil	0.8	20.7	16.6	84	<0.1	25.3	12.0	349	3.95	7.7	0.7	<0.5	11.9	13	0.1	0.6	0.3	89	0.20	0.058
1067870	Soil	1.0	25.9	17.1	64	<0.1	40.1	18.0	300	4.30	2.2	1.5	1.6	24.3	20	<0.1	0.3	0.3	82	0.29	0.068
1067875	Soil	1.6	36.0	21.6	89	<0.1	27.1	13.6	465	3.96	6.9	2.0	3.3	18.6	28	0.1	0.5	0.4	89	0.42	0.079
1067844	Soil	1.0	25.5	10.2	61	<0.1	32.2	13.9	264	3.29	10.6	0.6	2.5	6.8	15	0.1	0.7	0.2	79	0.14	0.022
1067845	Soil	0.5	8.6	5.0	114	<0.1	47.8	28.3	711	10.88	2.7	1.6	<0.5	7.6	23	<0.1	0.1	0.3	310	0.87	0.269
1067848	Soil	0.6	13.1	16.8	58	<0.1	32.8	16.8	357	4.75	3.3	1.2	2.7	25.1	9	<0.1	0.3	0.4	78	0.08	0.028
1067863	Soil	1.1	18.9	10.6	60	<0.1	26.2	11.7	280	4.22	9.5	0.6	2.1	9.7	11	0.1	0.6	0.2	100	0.11	0.040
1067847	Soil	1.0	23.9	12.4	70	<0.1	27.1	12.1	370	3.87	12.7	0.6	9.0	11.6	11	0.1	0.7	0.2	81	0.13	0.044
1067860	Soil	1.4	14.6	13.1	75	<0.1	22.0	9.2	301	3.99	10.6	0.7	3.5	8.4	12	0.1	0.7	0.3	97	0.12	0.100
1067841	Soil	0.2	11.7	7.0	84	<0.1	11.7	22.9	986	7.43	1.4	1.6	0.7	15.9	34	<0.1	0.1	0.4	161	0.76	0.252
1066624	Soil	1.6	18.1	9.6	45	<0.1	15.8	9.8	286	3.70	7.2	1.2	2.2	12.8	13	0.1	0.4	0.3	90	0.12	0.027
1066603	Soil	0.9	16.9	8.5	53	<0.1	23.8	11.2	364	3.04	5.1	0.9	2.2	9.7	21	<0.1	0.4	0.2	72	0.26	0.038
1066604	Soil	0.7	15.8	7.6	51	<0.1	25.5	11.7	387	3.05	3.4	1.2	2.8	12.7	17	<0.1	0.3	0.3	62	0.24	0.045
1066601	Soil	1.1	18.6	10.8	50	<0.1	23.7	12.7	326	3.52	7.9	1.3	1.7	11.0	24	<0.1	0.5	0.4	70	0.20	0.033
1066602	Soil	1.3	15.8	11.5	50	<0.1	19.6	8.1	258	2.92	6.6	1.0	1.1	11.1	17	0.1	0.5	0.2	67	0.16	0.027
1066610	Soil	1.0	12.5	11.4	50	<0.1	16.3	8.0	274	3.71	10.2	0.8	1.5	6.9	17	0.1	0.5	0.2	73	0.13	0.041
1066609	Soil	1.3	14.0	10.8	44	<0.1	17.8	8.4	238	3.11	8.7	0.8	1.4	6.9	14	0.2	0.5	0.2	67	0.13	0.029
1066608	Soil	1.1	22.7	10.5	60	<0.1	26.7	14.9	412	3.72	8.2	1.0	2.7	10.9	19	0.1	0.5	0.2	75	0.19	0.031
1066611	Soil	0.8	21.7	9.1	60	<0.1	23.5	10.9	454	3.40	5.6	1.6	1.9	10.8	19	0.2	0.4	0.2	66	0.22	0.053
1066605	Soil	1.0	12.3	9.0	43	<0.1	16.7	9.3	312	2.87	4.5	1.5	1.1	12.8	16	<0.1	0.4	0.2	58	0.21	0.042
1066606	Soil	1.3	12.3	9.0	42	<0.1	13.8	8.1	228	2.79	4.7	1.5	0.8	8.5	17	0.1	0.5	0.2	53	0.21	0.048
1066607	Soil	1.6	11.9	8.9	44	<0.1	16.7	9.2	234	3.16	4.3	1.4	3.2	14.1	15	<0.1	0.3	0.2	55	0.20	0.050
1066628	Soil	0.5	19.6	8.6	75	<0.1	46.0	21.6	463	5.03	4.2	0.8	4.0	13.2	18	<0.1	0.2	0.1	106	0.26	0.056
1066626	Soil	1.0	12.2	9.1	37	<0.1	11.1	6.1	319	2.31	3.8	0.8	1.0	6.5	14	0.1	0.3	0.2	66	0.14	0.030

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

Project: ECH
Report Date: July 12, 2011

CERTIFICATE OF ANALYSIS WHI11000323.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1067852	Soil		21	38	0.71	130	0.110	2	2.35	0.012	0.11	0.1	0.02	3.1	0.1	<0.05	10	0.5	<0.2
1067843	Soil		35	60	1.42	144	0.098	2	3.49	0.012	0.11	0.3	0.01	7.7	0.1	<0.05	16	<0.5	<0.2
1067859	Soil		17	54	1.41	198	0.187	2	3.24	0.015	0.11	0.2	0.01	5.7	0.2	<0.05	12	<0.5	<0.2
1067873	Soil		52	72	1.74	279	0.149	1	3.20	0.016	0.20	0.1	0.02	8.0	0.2	<0.05	13	<0.5	<0.2
1067857	Soil		18	50	0.74	316	0.141	2	3.10	0.014	0.14	0.1	0.01	4.3	0.1	<0.05	9	<0.5	<0.2
1067862	Soil		11	49	1.52	188	0.260	2	3.01	0.010	0.34	0.3	0.01	4.1	0.2	<0.05	13	<0.5	<0.2
1067858	Soil		11	42	1.17	184	0.128	2	2.93	0.008	0.10	0.2	0.01	3.5	0.2	<0.05	10	<0.5	<0.2
1067870	Soil		38	70	1.53	249	0.087	<1	2.81	0.010	0.21	0.2	<0.01	5.4	0.2	<0.05	11	<0.5	<0.2
1067875	Soil		37	44	0.98	254	0.116	<1	2.29	0.014	0.19	0.2	0.03	8.1	0.2	<0.05	9	0.9	<0.2
1067844	Soil		11	39	0.71	201	0.103	1	2.91	0.010	0.10	0.1	0.03	3.9	<0.1	<0.05	6	0.6	<0.2
1067845	Soil		21	100	3.09	529	0.443	1	5.63	0.009	1.88	0.2	0.02	14.2	0.8	<0.05	29	0.6	<0.2
1067848	Soil		53	49	1.73	140	0.018	2	3.19	0.006	0.11	0.1	0.01	5.9	0.2	<0.05	12	<0.5	<0.2
1067863	Soil		11	55	1.11	163	0.198	<1	3.09	0.009	0.21	0.2	0.02	4.1	0.2	<0.05	11	<0.5	<0.2
1067847	Soil		21	41	0.95	143	0.105	1	2.76	0.009	0.16	0.2	0.03	4.2	0.2	<0.05	9	<0.5	<0.2
1067860	Soil		11	36	0.62	136	0.101	2	2.57	0.009	0.08	0.2	0.03	3.2	0.1	<0.05	11	<0.5	<0.2
1067841	Soil		54	21	1.96	418	0.178	<1	3.18	0.013	0.69	0.2	<0.01	9.7	0.3	<0.05	18	<0.5	<0.2
1066624	Soil		19	25	0.59	146	0.071	2	2.11	0.009	0.10	0.2	0.02	3.6	0.1	<0.05	9	<0.5	<0.2
1066603	Soil		28	36	0.72	164	0.059	<1	1.71	0.010	0.07	0.2	0.01	3.9	<0.1	<0.05	6	<0.5	<0.2
1066604	Soil		34	40	0.75	129	0.062	<1	1.69	0.009	0.10	0.3	0.02	4.3	<0.1	<0.05	7	<0.5	<0.2
1066601	Soil		26	35	0.57	245	0.055	<1	2.45	0.012	0.10	0.2	0.03	4.8	0.1	<0.05	7	<0.5	<0.2
1066602	Soil		36	29	0.48	181	0.035	<1	2.05	0.011	0.06	0.2	<0.01	3.2	0.1	<0.05	6	<0.5	<0.2
1066610	Soil		22	27	0.48	141	0.079	1	1.99	0.008	0.12	0.2	0.02	2.7	0.1	<0.05	7	0.6	<0.2
1066609	Soil		20	25	0.46	121	0.065	<1	1.66	0.009	0.08	0.1	0.02	2.4	<0.1	<0.05	7	0.8	<0.2
1066608	Soil		19	43	0.70	191	0.074	1	2.48	0.010	0.11	0.1	<0.01	3.6	0.1	<0.05	7	<0.5	<0.2
1066611	Soil		54	35	0.68	215	0.101	1	2.07	0.011	0.24	0.2	0.02	3.9	0.2	<0.05	8	1.0	<0.2
1066605	Soil		34	27	0.46	139	0.042	<1	1.54	0.009	0.07	0.2	<0.01	3.2	<0.1	<0.05	5	<0.5	<0.2
1066606	Soil		38	21	0.44	162	0.033	1	1.51	0.010	0.09	0.3	0.01	2.7	<0.1	<0.05	6	0.6	<0.2
1066607	Soil		36	26	0.51	129	0.045	<1	1.68	0.008	0.12	0.2	<0.01	2.9	0.1	<0.05	7	0.6	<0.2
1066628	Soil		22	96	2.11	344	0.336	1	3.47	0.015	0.76	0.2	0.02	5.8	0.5	<0.05	12	<0.5	<0.2
1066626	Soil		28	21	0.40	130	0.070	1	1.38	0.017	0.08	0.1	0.03	2.5	0.1	<0.05	8	0.6	<0.2

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Project: ECH
Report Date: July 12, 2011

CERTIFICATE OF ANALYSIS WHI11000323.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1066627	Soil	0.5	19.4	7.9	73	<0.1	44.2	21.1	454	4.75	4.2	0.8	<0.5	13.0	17	<0.1	0.2	0.1	102	0.24	0.053
1066612	Soil	1.4	26.4	8.3	87	<0.1	22.2	18.3	787	5.80	5.4	1.4	3.5	9.9	14	0.1	0.3	0.6	111	0.22	0.100
1066629	Soil	1.3	14.0	11.6	65	<0.1	27.6	12.8	346	5.34	7.8	0.5	0.7	5.9	12	0.1	0.4	0.2	121	0.12	0.062
1066631	Soil	0.8	29.1	12.3	69	<0.1	29.1	13.4	411	3.55	8.3	1.2	2.3	9.3	23	0.1	0.5	0.2	85	0.33	0.040
1066630	Soil	1.0	19.3	10.6	109	<0.1	41.8	21.9	595	5.29	4.4	1.0	<0.5	7.6	24	<0.1	0.3	0.2	112	0.33	0.081
1069519	Soil	0.7	14.4	12.2	47	<0.1	18.0	11.2	284	3.65	4.3	1.0	3.1	11.5	13	0.1	0.3	0.3	72	0.12	0.041
1069512	Soil	0.7	10.3	5.6	45	<0.1	18.3	13.9	371	4.49	4.5	1.2	1.0	14.2	12	0.1	0.3	0.3	97	0.17	0.033
1069534	Soil	0.8	22.6	11.1	66	<0.1	22.1	12.9	433	3.88	5.3	0.6	1.7	5.3	14	<0.1	0.3	0.2	89	0.25	0.078
1069521	Soil	0.3	4.4	20.6	68	<0.1	14.9	5.6	272	3.06	2.3	2.0	0.8	30.8	9	<0.1	0.1	0.2	68	0.27	0.133
1069532	Soil	0.6	27.0	10.1	76	<0.1	25.7	15.0	536	3.74	5.4	1.6	3.3	8.7	26	<0.1	0.3	0.2	83	0.36	0.077
1069524	Soil	1.2	14.2	16.0	65	<0.1	22.3	10.8	421	3.58	5.5	1.2	<0.5	8.2	13	0.1	0.3	0.2	85	0.18	0.060
1069531	Soil	0.6	49.8	10.9	61	<0.1	42.4	18.5	427	4.37	2.5	0.9	<0.5	10.6	20	<0.1	0.2	0.1	80	0.42	0.099
1069520	Soil	0.2	4.3	19.1	70	<0.1	15.3	5.8	272	2.92	2.0	2.1	<0.5	32.2	7	<0.1	<0.1	0.2	56	0.33	0.168
1069526	Soil	1.0	21.9	10.1	63	<0.1	26.6	11.4	386	3.00	5.1	1.4	1.6	6.7	24	0.1	0.3	0.1	71	0.33	0.061
1069514	Soil	0.3	15.4	4.2	71	<0.1	33.4	27.5	573	6.16	2.5	0.8	0.9	6.7	17	<0.1	<0.1	<0.1	161	0.36	0.112
1069509	Soil	1.0	19.8	9.8	53	<0.1	24.7	12.4	286	3.51	10.0	0.9	1.1	7.1	14	0.1	0.5	0.2	81	0.17	0.032
1069502	Soil	0.7	19.3	8.8	57	<0.1	23.1	12.2	354	2.73	4.8	1.1	<0.5	7.9	19	<0.1	0.4	0.1	56	0.30	0.048
1069503	Soil	0.8	20.7	9.6	62	<0.1	32.7	13.9	431	3.28	5.9	0.9	1.5	7.9	16	0.1	0.4	0.2	62	0.24	0.046
1069510	Soil	1.1	18.9	7.7	51	<0.1	20.5	15.9	403	4.52	4.9	0.4	0.9	2.4	12	<0.1	0.3	0.2	132	0.22	0.050
1069530	Soil	0.5	18.7	7.8	57	<0.1	20.1	13.2	413	2.80	4.2	1.0	2.0	9.1	19	<0.1	0.3	0.1	62	0.33	0.075
1069505	Soil	1.0	21.3	19.3	53	<0.1	25.6	14.8	459	3.75	2.2	3.0	<0.5	20.1	14	<0.1	0.4	0.1	46	0.25	0.064
1069504	Soil	0.7	15.1	8.3	46	<0.1	21.9	11.8	287	2.99	4.1	1.2	<0.5	11.7	12	<0.1	0.3	0.1	49	0.21	0.058
1069533	Soil	1.2	20.5	12.8	78	<0.1	27.3	14.2	615	4.75	8.3	0.5	<0.5	4.5	10	<0.1	0.3	0.2	121	0.15	0.076
1069528	Soil	0.8	20.6	12.2	64	<0.1	22.7	12.6	432	3.09	5.3	1.7	3.3	10.6	23	0.1	0.4	0.2	70	0.33	0.059
1069508	Soil	0.8	26.4	8.9	60	<0.1	30.4	14.2	256	3.02	12.5	0.9	2.4	6.2	18	<0.1	0.5	0.2	67	0.19	0.033
1069529	Soil	1.1	23.0	12.3	60	<0.1	21.3	12.6	466	2.81	5.4	1.3	1.2	10.2	23	0.2	0.4	0.2	64	0.29	0.064
1069506	Soil	0.6	17.3	7.1	62	<0.1	29.9	16.2	300	5.21	3.2	1.1	0.6	11.4	8	<0.1	0.2	0.2	76	0.11	0.033
1069507	Soil	1.3	15.2	11.2	22	<0.1	7.8	3.5	89	2.28	4.8	0.4	1.0	2.7	9	<0.1	0.5	0.2	72	0.07	0.022
1069527	Soil	0.6	14.8	9.4	52	<0.1	17.2	9.9	375	2.49	3.2	1.1	<0.5	6.0	19	<0.1	0.2	0.2	55	0.26	0.051
1069685	Soil	1.1	42.2	13.8	102	<0.1	35.8	21.5	887	4.76	5.7	0.7	0.6	6.7	18	0.1	0.3	0.2	103	0.33	0.069

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1066627	Soil	20	92	1.99	317	0.317	1	3.32	0.014	0.68	0.3	0.01	5.4	0.4	<0.05	12	<0.5	<0.2
1066612	Soil	23	37	1.13	228	0.235	<1	2.80	0.010	0.62	0.2	0.02	5.1	0.3	<0.05	13	<0.5	<0.2
1066629	Soil	9	69	1.19	101	0.260	1	2.53	0.011	0.16	0.2	0.02	3.6	0.2	<0.05	14	<0.5	<0.2
1066631	Soil	38	46	0.87	122	0.142	2	2.20	0.016	0.19	0.2	0.02	4.9	<0.1	<0.05	7	0.7	<0.2
1066630	Soil	14	70	1.98	282	0.368	3	3.12	0.015	0.77	0.3	<0.01	4.0	0.5	<0.05	12	<0.5	<0.2
1069519	Soil	32	31	0.77	132	0.044	<1	2.51	0.011	0.05	<0.1	0.01	3.6	<0.1	<0.05	9	<0.5	<0.2
1069512	Soil	16	31	1.37	426	0.291	<1	2.93	0.014	0.34	0.2	<0.01	5.6	0.2	<0.05	14	<0.5	<0.2
1069534	Soil	9	39	0.92	151	0.279	<1	1.91	0.013	0.34	0.2	<0.01	3.1	0.2	<0.05	10	<0.5	<0.2
1069521	Soil	67	24	1.46	192	0.150	<1	2.57	0.015	0.57	<0.1	<0.01	6.7	0.3	<0.05	14	0.5	<0.2
1069532	Soil	22	42	1.08	266	0.162	2	2.18	0.015	0.15	0.1	0.01	4.9	0.2	<0.05	8	0.5	<0.2
1069524	Soil	15	42	0.84	140	0.126	1	2.31	0.012	0.11	0.2	<0.01	3.3	0.2	0.09	11	<0.5	<0.2
1069531	Soil	24	91	1.68	273	0.249	1	2.78	0.017	0.66	0.2	<0.01	6.1	0.2	<0.05	12	0.5	<0.2
1069520	Soil	80	25	1.40	166	0.126	<1	2.51	0.012	0.52	0.1	<0.01	7.0	0.3	<0.05	15	0.6	<0.2
1069526	Soil	21	46	0.89	256	0.106	2	1.98	0.017	0.19	0.2	<0.01	4.5	0.2	<0.05	8	<0.5	<0.2
1069514	Soil	10	115	2.62	2003	0.569	1	3.95	0.021	1.39	0.3	<0.01	7.8	0.5	<0.05	18	<0.5	<0.2
1069509	Soil	12	40	0.70	261	0.129	3	2.80	0.017	0.08	0.2	0.02	4.3	0.1	<0.05	8	<0.5	<0.2
1069502	Soil	30	39	0.72	165	0.091	1	1.61	0.014	0.07	<0.1	0.02	3.6	<0.1	<0.05	6	<0.5	<0.2
1069503	Soil	29	52	0.90	165	0.095	1	2.13	0.012	0.14	0.2	0.02	3.4	0.1	<0.05	7	0.6	<0.2
1069510	Soil	5	56	1.27	221	0.332	1	2.16	0.020	0.19	0.2	0.01	3.4	0.1	<0.05	12	0.6	<0.2
1069530	Soil	22	33	0.89	217	0.148	1	1.86	0.013	0.25	0.2	0.02	3.7	0.2	<0.05	7	<0.5	<0.2
1069505	Soil	58	39	0.65	187	0.096	1	1.46	0.009	0.32	0.2	<0.01	3.4	0.2	<0.05	7	0.6	<0.2
1069504	Soil	44	28	0.74	132	0.080	1	1.78	0.009	0.13	0.1	0.02	2.6	0.2	<0.05	7	<0.5	<0.2
1069533	Soil	8	61	1.10	104	0.292	1	2.29	0.013	0.38	0.2	0.01	5.2	0.3	<0.05	14	<0.5	<0.2
1069528	Soil	24	38	0.80	225	0.117	1	1.99	0.014	0.15	0.3	<0.01	4.1	0.2	<0.05	8	<0.5	<0.2
1069508	Soil	15	37	0.67	167	0.088	1	2.49	0.012	0.08	0.1	0.03	4.5	0.2	<0.05	6	<0.5	<0.2
1069529	Soil	24	36	0.64	233	0.101	1	2.00	0.016	0.10	0.2	0.02	3.7	0.1	<0.05	7	<0.5	<0.2
1069506	Soil	23	58	1.51	178	0.158	1	3.41	0.009	0.48	0.1	<0.01	6.2	0.4	<0.05	14	<0.5	<0.2
1069507	Soil	10	18	0.16	80	0.056	<1	1.57	0.011	0.03	0.1	0.02	1.7	<0.1	<0.05	9	<0.5	<0.2
1069527	Soil	16	31	0.63	182	0.100	<1	1.86	0.018	0.14	0.2	<0.01	3.2	0.1	<0.05	8	0.7	<0.2
1069685	Soil	11	63	1.30	244	0.181	1	3.14	0.015	0.24	0.1	0.02	5.5	0.3	<0.05	11	<0.5	<0.2

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600 - 666 Burrard St.
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Project: ECH
Report Date: July 12, 2011

CERTIFICATE OF ANALYSIS WHI11000323.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1069511	Soil	0.9	22.2	8.2	60	<0.1	24.4	15.2	381	3.84	8.1	1.0	1.8	5.8	14	<0.1	0.6	0.2	103	0.17	0.034
1069516	Soil	1.0	16.7	9.0	59	<0.1	19.9	19.3	476	5.26	4.6	0.6	1.2	3.8	14	0.1	0.3	0.1	118	0.22	0.079
1069523	Soil	0.3	5.2	5.0	74	<0.1	19.1	6.3	275	3.01	1.0	2.6	<0.5	30.1	13	<0.1	<0.1	0.3	57	0.36	0.143
1069535	Soil	1.9	22.5	13.5	98	<0.1	35.7	23.7	1157	5.97	2.7	0.7	0.6	4.7	16	0.1	0.5	0.2	114	0.24	0.093
1066705	Soil	0.8	14.8	18.4	57	<0.1	18.4	10.8	361	3.11	4.6	1.6	1.9	17.6	16	<0.1	0.3	0.2	48	0.32	0.076
1066714	Soil	1.0	19.7	27.1	64	<0.1	20.0	9.6	331	2.79	5.6	1.3	<0.5	12.4	18	<0.1	0.3	0.2	56	0.30	0.053
1066713	Soil	1.2	26.0	19.4	63	<0.1	26.8	12.2	376	3.36	8.0	1.5	2.0	12.8	26	<0.1	0.5	0.3	72	0.30	0.032
1066706	Soil	1.7	35.1	42.6	102	0.1	35.1	13.9	503	3.19	8.4	1.6	2.8	9.0	26	0.4	0.3	0.2	69	0.40	0.039
1066704	Soil	1.1	14.6	13.0	57	<0.1	20.7	13.1	369	4.12	4.9	1.2	<0.5	14.8	12	0.1	0.3	0.2	80	0.21	0.067
1066712	Soil	1.7	31.9	36.9	107	0.3	29.5	11.2	444	2.77	10.6	2.6	3.5	6.8	30	0.4	0.4	0.4	59	0.57	0.063
1066710	Soil	1.3	19.5	16.6	65	<0.1	24.4	10.4	217	3.20	3.9	1.1	<0.5	11.5	18	0.2	0.2	0.2	42	0.28	0.056
1066702	Soil	0.8	8.0	14.3	36	<0.1	14.8	8.4	378	2.63	2.3	1.8	<0.5	21.9	16	0.1	0.2	0.5	45	0.31	0.079
1066701	Soil	1.5	20.1	18.4	58	<0.1	22.0	10.7	523	3.46	7.7	1.6	<0.5	14.3	14	0.4	0.5	0.4	61	0.23	0.075
1066709	Soil	0.8	40.5	25.8	88	0.3	39.4	15.5	654	3.01	7.1	1.5	<0.5	5.7	101	0.3	0.4	0.2	51	1.37	0.068
1066711	Soil	1.9	30.2	64.2	118	0.5	28.6	11.4	454	2.61	13.2	1.8	<0.5	6.0	35	0.6	0.3	0.3	56	0.84	0.074
1066703	Soil	1.1	15.1	12.0	50	<0.1	20.3	10.0	263	3.59	9.6	0.9	2.5	13.4	14	0.1	0.6	0.3	67	0.14	0.037
1066547	Soil	0.9	10.8	10.0	42	<0.1	12.4	6.4	268	2.72	5.2	0.9	1.6	9.5	15	<0.1	0.3	0.3	55	0.15	0.034
1066707	Soil	1.3	69.8	9.4	70	0.3	33.0	14.4	580	3.33	3.2	0.8	1.7	2.9	22	0.2	0.2	0.1	97	0.37	0.059
1066551	Soil	0.8	14.1	42.1	59	<0.1	14.8	8.2	338	2.91	11.8	1.7	3.0	20.8	18	<0.1	0.5	0.4	43	0.28	0.069
1066549	Soil	1.1	13.1	12.5	50	<0.1	17.7	7.6	444	2.95	8.9	0.6	1.2	6.3	13	0.2	0.5	0.3	67	0.12	0.027

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Project: ECH
Report Date: July 12, 2011

CERTIFICATE OF ANALYSIS WHI11000323.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1069511	Soil	16	38	0.95	380	0.222	2	2.66	0.014	0.14	0.2	0.02	6.0	0.1	<0.05	9	<0.5	<0.2
1069516	Soil	7	41	1.09	311	0.240	<1	2.99	0.017	0.21	0.2	0.02	5.8	0.1	<0.05	13	0.6	<0.2
1069523	Soil	122	40	1.87	203	0.146	<1	2.81	0.013	0.46	0.1	<0.01	6.5	0.4	<0.05	15	<0.5	<0.2
1069535	Soil	12	59	1.35	253	0.123	1	2.74	0.011	0.46	0.2	0.02	6.8	0.5	<0.05	11	<0.5	<0.2
1066705	Soil	38	30	0.70	190	0.090	1	1.94	0.011	0.19	0.1	<0.01	3.3	0.2	<0.05	7	0.8	<0.2
1066714	Soil	34	34	0.74	181	0.098	1	1.86	0.012	0.13	0.1	<0.01	3.3	0.1	<0.05	6	<0.5	<0.2
1066713	Soil	37	45	0.83	232	0.111	2	2.30	0.015	0.11	0.1	0.01	5.8	0.1	<0.05	7	0.6	<0.2
1066706	Soil	22	63	1.06	229	0.094	2	2.44	0.016	0.09	0.1	0.02	5.0	0.1	<0.05	8	<0.5	<0.2
1066704	Soil	29	35	1.07	136	0.091	2	2.72	0.010	0.13	0.2	0.01	4.2	0.2	<0.05	11	<0.5	<0.2
1066712	Soil	28	42	0.77	274	0.072	2	1.94	0.017	0.09	0.1	0.04	4.4	0.1	<0.05	6	<0.5	<0.2
1066710	Soil	30	26	1.02	134	0.062	1	2.23	0.008	0.22	0.1	<0.01	2.3	0.3	<0.05	8	<0.5	<0.2
1066702	Soil	68	24	0.59	100	0.050	1	1.78	0.012	0.14	<0.1	0.01	2.9	0.1	<0.05	9	0.7	<0.2
1066701	Soil	23	32	0.56	177	0.055	2	2.51	0.011	0.12	0.2	0.03	3.1	0.1	<0.05	8	0.7	<0.2
1066709	Soil	29	41	0.71	253	0.080	3	1.91	0.020	0.10	0.1	0.05	4.5	<0.1	<0.05	6	0.8	<0.2
1066711	Soil	24	41	0.77	239	0.074	2	1.84	0.016	0.11	0.2	0.03	4.0	0.2	<0.05	6	1.0	<0.2
1066703	Soil	13	31	0.64	141	0.106	1	2.34	0.009	0.13	0.2	<0.01	2.8	0.2	<0.05	9	<0.5	<0.2
1066547	Soil	22	20	0.53	144	0.121	1	1.76	0.014	0.20	0.2	<0.01	2.3	0.2	<0.05	8	0.6	<0.2
1066707	Soil	9	66	1.22	347	0.208	<1	2.03	0.017	0.25	0.2	0.02	3.4	0.2	<0.05	9	<0.5	<0.2
1066551	Soil	47	23	0.65	136	0.088	1	1.73	0.011	0.15	0.2	0.01	2.9	0.2	<0.05	7	<0.5	<0.2
1066549	Soil	16	26	0.53	168	0.081	<1	1.93	0.009	0.07	0.1	0.02	2.3	<0.1	<0.05	7	<0.5	<0.2

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Project: ECH
Report Date: July 12, 2011

QUALITY CONTROL REPORT WHI11000323.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1067421	Soil	1.0	17.8	49.7	79	<0.1	22.0	11.9	421	3.40	7.4	1.6	1.9	12.4	16	0.2	0.5	0.2	60	0.23	0.058
REP 1067421	QC	0.9	17.1	49.0	79	<0.1	22.1	11.8	424	3.38	7.3	1.6	2.5	12.6	16	0.2	0.5	0.2	62	0.22	0.054
1067409	Soil	1.2	5.3	12.6	54	<0.1	6.3	3.7	149	2.55	3.9	1.9	2.6	17.7	6	0.2	0.2	2.9	20	0.12	0.051
REP 1067409	QC	1.2	5.4	11.4	54	<0.1	6.2	3.9	146	2.52	4.1	1.8	1.2	18.0	6	<0.1	0.2	2.9	20	0.12	0.051
1067438	Soil	1.2	14.8	11.7	50	<0.1	12.2	6.1	290	2.83	5.9	0.6	0.6	2.8	13	0.2	0.5	0.5	53	0.12	0.067
REP 1067438	QC	1.2	15.7	11.8	53	<0.1	12.4	6.1	288	2.92	6.2	0.7	1.1	2.9	13	0.2	0.5	0.5	55	0.12	0.070
1067861	Soil	0.4	15.6	8.7	71	<0.1	29.8	24.7	470	6.03	3.6	0.8	<0.5	6.1	11	0.1	0.3	0.1	117	0.16	0.056
REP 1067861	QC	0.5	16.2	8.7	71	<0.1	30.2	24.9	485	6.00	3.5	0.8	<0.5	6.0	11	<0.1	0.3	0.1	118	0.15	0.056
1067842	Soil	1.2	20.5	17.1	59	<0.1	30.5	14.4	1272	3.23	5.3	0.7	<0.5	4.4	21	<0.1	0.4	0.2	88	0.23	0.047
REP 1067842	QC	1.0	20.9	17.1	61	<0.1	32.6	14.3	1351	3.33	5.6	0.7	<0.5	4.5	20	0.1	0.4	0.3	88	0.23	0.045
1067972	Soil	5.2	9.3	10.1	51	<0.1	19.3	10.3	233	3.64	4.2	3.7	<0.5	30.2	12	<0.1	0.2	0.3	40	0.21	0.076
REP 1067972	QC	4.9	9.4	9.9	54	<0.1	21.2	10.8	242	3.93	4.9	3.7	<0.5	30.4	13	<0.1	0.2	0.3	40	0.20	0.075
1066620	Soil	1.6	17.6	12.5	61	<0.1	21.5	13.0	386	4.82	8.7	0.5	1.7	3.7	11	0.3	0.6	0.3	126	0.16	0.056
REP 1066620	QC	1.6	17.3	12.4	61	<0.1	21.5	12.8	376	4.74	9.1	0.4	1.2	3.6	11	0.2	0.6	0.3	126	0.16	0.056
1069723	Soil	0.8	24.5	8.0	69	<0.1	19.8	14.3	425	4.61	5.2	1.4	2.4	12.9	31	<0.1	0.4	0.2	90	0.51	0.118
REP 1069723	QC	0.9	24.3	8.0	68	<0.1	20.4	14.3	434	4.73	5.0	1.4	1.1	12.8	32	<0.1	0.4	0.2	93	0.56	0.114
1066550	Soil	1.1	12.2	10.0	46	<0.1	13.7	7.6	320	2.76	6.1	0.9	1.1	6.9	15	<0.1	0.4	0.3	61	0.18	0.048
REP 1066550	QC	1.3	12.4	10.4	48	<0.1	15.4	7.8	332	2.83	6.3	1.0	1.4	6.9	16	<0.1	0.4	0.2	63	0.20	0.053
1067447	Soil	0.9	19.7	29.9	63	0.1	16.0	11.3	1062	2.59	6.6	0.7	3.6	3.3	30	0.9	0.5	0.6	66	0.29	0.053
REP 1067447	QC	1.1	18.9	23.8	61	0.1	15.4	11.1	1052	2.55	6.6	0.7	0.8	3.3	30	0.6	0.5	0.6	64	0.28	0.051
1068972	Soil	1.4	16.7	13.1	43	0.1	16.7	6.7	220	2.89	8.2	0.8	2.4	7.6	12	0.2	0.5	0.3	69	0.11	0.031
REP 1068972	QC	1.5	17.8	13.3	46	0.1	17.4	7.0	228	2.95	8.3	0.8	3.0	7.6	12	0.2	0.6	0.3	69	0.10	0.031
1067970	Soil	1.6	10.7	9.6	43	<0.1	13.5	11.3	254	4.34	1.3	2.6	0.8	28.5	14	<0.1	<0.1	0.2	44	0.32	0.140
REP 1067970	QC	1.7	10.3	9.6	43	<0.1	13.9	11.1	242	4.30	1.4	2.7	0.9	28.2	14	<0.1	<0.1	0.2	43	0.33	0.135
1069518	Soil	1.2	14.6	17.3	89	<0.1	12.9	10.6	625	3.58	7.1	1.0	1.2	4.4	13	0.3	0.6	0.4	76	0.11	0.060
REP 1069518	QC	1.2	14.8	16.9	88	<0.1	12.8	10.3	645	3.64	7.0	1.0	1.0	4.6	14	0.2	0.5	0.4	79	0.12	0.058
1067873	Soil	1.0	39.6	16.2	123	<0.1	42.6	21.0	730	5.42	5.5	1.9	3.2	19.7	41	<0.1	0.4	0.3	105	0.71	0.120
REP 1067873	QC	1.0	39.1	16.9	122	<0.1	43.2	21.2	726	5.60	6.0	2.0	1.6	20.7	41	<0.1	0.4	0.3	105	0.72	0.119

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

Project: ECH
Report Date: July 12, 2011

QUALITY CONTROL REPORT WHI11000323.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1067421	Soil	31	31	0.77	133	0.107	1	1.96	0.009	0.19	0.2	0.01	3.7	0.2	<0.05	7	<0.5	<0.2
REP 1067421	QC	31	31	0.77	133	0.113	1	1.94	0.009	0.20	0.2	0.03	3.7	0.2	<0.05	7	<0.5	<0.2
1067409	Soil	37	10	0.38	61	0.036	<1	1.51	0.006	0.30	0.2	<0.01	1.5	0.3	<0.05	7	<0.5	<0.2
REP 1067409	QC	36	10	0.38	60	0.031	<1	1.51	0.006	0.30	0.2	0.02	1.4	0.4	<0.05	7	<0.5	<0.2
1067438	Soil	17	21	0.39	96	0.037	<1	1.56	0.012	0.10	0.1	0.03	1.6	0.1	<0.05	8	<0.5	<0.2
REP 1067438	QC	18	22	0.42	103	0.042	1	1.63	0.012	0.10	<0.1	0.02	1.8	0.1	<0.05	8	<0.5	<0.2
1067861	Soil	18	50	2.31	276	0.175	1	3.82	0.012	0.64	0.1	<0.01	7.1	0.3	<0.05	12	<0.5	<0.2
REP 1067861	QC	17	50	2.36	269	0.176	<1	3.86	0.008	0.67	0.1	<0.01	7.3	0.3	<0.05	12	<0.5	<0.2
1067842	Soil	12	48	0.79	186	0.090	<1	2.34	0.015	0.03	0.2	0.03	3.8	<0.1	<0.05	10	<0.5	<0.2
REP 1067842	QC	11	49	0.78	172	0.090	<1	2.35	0.015	0.04	0.2	0.03	4.0	<0.1	<0.05	10	<0.5	<0.2
1067972	Soil	47	29	0.51	121	0.020	<1	1.54	0.007	0.10	0.3	<0.01	3.0	<0.1	<0.05	6	<0.5	<0.2
REP 1067972	QC	46	32	0.50	122	0.021	<1	1.51	0.007	0.11	0.3	0.02	3.2	<0.1	<0.05	6	<0.5	<0.2
1066620	Soil	7	58	0.82	160	0.202	<1	2.48	0.013	0.09	0.2	0.02	3.4	<0.1	<0.05	12	<0.5	<0.2
REP 1066620	QC	7	58	0.81	158	0.211	<1	2.40	0.013	0.09	0.2	0.02	3.6	<0.1	<0.05	12	<0.5	<0.2
1069723	Soil	30	33	1.15	314	0.204	<1	2.38	0.019	0.50	0.3	0.03	8.1	0.2	<0.05	12	0.6	<0.2
REP 1069723	QC	30	34	1.13	306	0.210	<1	2.39	0.017	0.55	0.3	0.03	8.5	0.2	<0.05	12	<0.5	<0.2
1066550	Soil	25	25	0.49	114	0.086	1	1.77	0.011	0.17	0.1	0.02	2.3	0.2	<0.05	7	<0.5	<0.2
REP 1066550	QC	26	26	0.52	123	0.090	1	1.83	0.011	0.19	0.2	0.02	2.5	0.1	<0.05	8	<0.5	<0.2
1067447	Soil	15	29	0.40	212	0.072	2	2.11	0.023	0.09	0.1	0.02	2.6	0.1	<0.05	7	<0.5	<0.2
REP 1067447	QC	16	28	0.40	212	0.074	1	2.08	0.019	0.09	0.2	0.01	2.5	0.1	<0.05	7	<0.5	<0.2
1068972	Soil	19	27	0.33	151	0.064	1	1.86	0.007	0.07	0.2	0.03	2.4	<0.1	<0.05	7	<0.5	<0.2
REP 1068972	QC	18	27	0.35	151	0.065	1	1.85	0.008	0.07	0.1	0.02	2.5	<0.1	<0.05	7	<0.5	<0.2
1067970	Soil	51	16	0.51	113	0.007	<1	1.67	0.007	0.12	0.5	<0.01	3.5	<0.1	<0.05	6	<0.5	<0.2
REP 1067970	QC	51	16	0.50	112	0.007	<1	1.61	0.005	0.12	0.6	<0.01	3.3	<0.1	<0.05	6	<0.5	<0.2
1069518	Soil	21	28	0.39	159	0.037	1	1.95	0.011	0.09	0.1	0.02	3.0	0.2	<0.05	9	<0.5	<0.2
REP 1069518	QC	22	28	0.38	154	0.042	2	1.92	0.011	0.09	0.1	0.02	3.0	0.2	<0.05	9	<0.5	<0.2
1067873	Soil	52	72	1.74	279	0.149	1	3.20	0.016	0.20	0.1	0.02	8.0	0.2	<0.05	13	<0.5	<0.2
REP 1067873	QC	52	74	1.71	284	0.146	1	3.33	0.018	0.20	0.1	0.03	8.1	0.2	<0.05	13	0.8	<0.2

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Vancouver BC V6C 1H2 Canada

Project: ECH
Report Date: July 12, 2011

QUALITY CONTROL REPORT WHI11000323.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1067870	Soil	1.0	25.9	17.1	64	<0.1	40.1	18.0	300	4.30	2.2	1.5	1.6	24.3	20	<0.1	0.3	0.3	82	0.29	0.068
REP 1067870	QC	0.9	25.1	16.1	65	<0.1	39.6	17.8	301	4.34	2.5	1.5	<0.5	23.4	19	<0.1	0.2	0.3	80	0.30	0.070
1066626	Soil	1.0	12.2	9.1	37	<0.1	11.1	6.1	319	2.31	3.8	0.8	1.0	6.5	14	0.1	0.3	0.2	66	0.14	0.030
REP 1066626	QC	0.8	10.9	8.6	33	<0.1	10.1	5.3	281	2.09	3.2	0.7	1.5	6.0	12	0.1	0.3	0.2	59	0.13	0.026
1069520	Soil	0.2	4.3	19.1	70	<0.1	15.3	5.8	272	2.92	2.0	2.1	<0.5	32.2	7	<0.1	<0.1	0.2	56	0.33	0.168
REP 1069520	QC	0.2	4.1	18.9	71	<0.1	16.0	5.9	252	2.75	1.6	2.0	<0.5	30.9	7	<0.1	<0.1	0.2	54	0.35	0.174
1066709	Soil	0.8	40.5	25.8	88	0.3	39.4	15.5	654	3.01	7.1	1.5	<0.5	5.7	101	0.3	0.4	0.2	51	1.37	0.068
REP 1066709	QC	1.0	39.2	25.5	89	0.3	38.4	16.1	664	3.06	7.7	1.5	3.5	5.5	105	0.5	0.4	0.2	53	1.40	0.068
Reference Materials																					
STD DS8	Standard	14.0	120.6	123.1	323	1.8	40.5	8.0	633	2.49	26.0	3.0	108.4	7.3	68	2.5	5.9	6.7	45	0.71	0.088
STD DS8	Standard	14.0	117.3	119.5	314	1.8	37.7	7.9	610	2.43	26.4	2.9	103.3	7.0	67	2.5	5.8	6.6	44	0.67	0.083
STD DS8	Standard	13.6	111.1	124.4	323	1.7	38.1	7.4	590	2.45	27.6	2.9	118.0	7.2	76	2.5	6.0	7.3	42	0.68	0.084
STD DS8	Standard	13.3	113.8	123.0	335	1.8	38.0	7.4	604	2.42	27.5	3.0	116.7	7.5	76	2.5	6.2	7.1	42	0.69	0.080
STD DS8	Standard	13.5	115.3	128.1	345	1.9	39.6	7.8	646	2.56	29.1	3.0	111.1	7.5	79	2.7	6.7	7.4	43	0.70	0.084
STD DS8	Standard	14.6	113.5	127.7	328	1.9	38.6	7.8	647	2.60	28.6	3.0	119.1	8.0	82	2.9	6.7	7.3	45	0.74	0.087
STD DS8	Standard	12.9	106.1	127.7	297	1.6	36.9	7.2	573	2.33	24.4	2.8	103.1	7.0	64	2.1	5.6	6.9	41	0.66	0.074
STD DS8	Standard	13.3	108.8	126.6	311	1.6	36.4	7.2	598	2.35	24.7	2.8	113.2	6.9	63	2.2	5.7	6.8	42	0.66	0.074
STD DS8	Standard	13.4	107.0	126.3	308	1.8	36.6	7.3	603	2.39	25.5	2.7	109.2	7.0	67	2.3	5.7	7.0	42	0.67	0.081
STD DS8	Standard	13.5	112.3	127.0	321	1.7	37.6	7.4	628	2.46	26.0	3.0	113.1	7.4	68	2.3	5.8	6.9	43	0.70	0.078
STD DS8	Standard	13.6	113.4	127.4	352	1.8	41.8	7.6	647	2.62	27.2	3.1	115.6	7.5	72	2.5	6.3	7.0	42	0.71	0.084
STD DS8	Standard	13.5	107.0	129.6	326	1.8	38.5	7.4	614	2.43	26.0	2.9	104.0	7.4	72	2.6	5.9	6.9	41	0.67	0.080
STD DS8	Standard	12.8	112.5	128.7	315	1.7	38.7	7.9	647	2.53	27.1	2.9	103.8	7.1	66	2.4	5.9	7.4	40	0.68	0.082
STD DS8	Standard	13.9	120.9	135.7	334	1.8	42.1	8.4	669	2.62	29.4	2.9	113.8	7.2	72	2.4	6.0	7.4	43	0.71	0.083
STD DS8	Standard	12.9	110.9	132.4	312	1.8	39.0	7.7	615	2.43	25.8	3.0	117.0	7.2	66	2.3	6.3	7.3	48	0.70	0.081
STD DS8	Standard	12.8	107.7	128.9	304	1.7	37.9	7.4	608	2.40	25.3	2.7	118.3	6.8	68	2.3	5.8	6.5	43	0.67	0.077
STD DS8	Standard	14.1	122.3	125.5	341	1.9	43.3	8.4	654	2.57	26.4	2.8	124.1	6.6	63	2.3	5.0	5.8	44	0.73	0.083
STD DS8	Standard	14.9	122.2	125.7	340	2.0	43.0	8.3	641	2.54	27.2	2.8	108.3	6.7	62	2.6	5.2	6.2	44	0.69	0.084
STD DS8	Standard	12.5	112.0	123.3	298	1.6	38.2	7.5	603	2.37	25.3	2.8	100.7	7.1	68	2.2	5.8	6.4	42	0.66	0.075
STD DS8	Standard	13.0	112.3	128.5	312	1.7	38.3	7.7	614	2.40	26.1	3.0	113.8	7.7	73	2.3	6.1	6.9	44	0.69	0.078

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QUALITY CONTROL REPORT WHI11000323.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1067870	Soil	38	70	1.53	249	0.087	<1	2.81	0.010	0.21	0.2	<0.01	5.4	0.2	<0.05	11	<0.5	<0.2
REP 1067870	QC	37	72	1.46	240	0.088	<1	2.74	0.010	0.22	0.2	<0.01	5.4	0.2	<0.05	12	<0.5	<0.2
1066626	Soil	28	21	0.40	130	0.070	1	1.38	0.017	0.08	0.1	0.03	2.5	0.1	<0.05	8	0.6	<0.2
REP 1066626	QC	25	20	0.37	118	0.067	<1	1.23	0.017	0.08	<0.1	0.02	2.3	<0.1	<0.05	7	0.5	<0.2
1069520	Soil	80	25	1.40	166	0.126	<1	2.51	0.012	0.52	0.1	<0.01	7.0	0.3	<0.05	15	0.6	<0.2
REP 1069520	QC	76	25	1.40	168	0.125	<1	2.44	0.011	0.53	<0.1	<0.01	7.0	0.3	<0.05	14	<0.5	<0.2
1066709	Soil	29	41	0.71	253	0.080	3	1.91	0.020	0.10	0.1	0.05	4.5	<0.1	<0.05	6	0.8	<0.2
REP 1066709	QC	29	41	0.72	248	0.084	2	1.98	0.021	0.10	0.1	0.04	4.7	<0.1	<0.05	6	0.8	<0.2
Reference Materials																		
STD DS8	Standard	16	123	0.62	272	0.134	2	0.93	0.094	0.42	2.8	0.20	2.2	5.2	0.17	5	5.9	5.1
STD DS8	Standard	16	117	0.61	267	0.127	2	0.89	0.085	0.39	2.8	0.18	2.1	5.1	0.17	5	5.6	4.9
STD DS8	Standard	15	116	0.62	281	0.118	3	0.90	0.098	0.42	2.9	0.20	1.9	5.4	0.17	5	5.7	5.1
STD DS8	Standard	16	116	0.61	295	0.125	3	0.90	0.099	0.41	3.0	0.20	2.0	5.6	0.17	5	5.3	5.5
STD DS8	Standard	16	124	0.63	287	0.128	4	0.94	0.095	0.45	3.1	0.20	2.0	5.6	0.13	5	5.6	4.9
STD DS8	Standard	19	126	0.66	302	0.134	3	1.01	0.104	0.46	3.3	0.21	2.3	5.6	0.15	5	6.1	5.2
STD DS8	Standard	14	111	0.59	270	0.117	3	0.89	0.084	0.38	3.0	0.19	1.9	5.1	0.10	5	4.9	5.0
STD DS8	Standard	14	116	0.59	264	0.116	2	0.89	0.083	0.40	3.0	0.21	1.9	5.3	0.09	4	4.4	5.3
STD DS8	Standard	15	114	0.59	266	0.116	3	0.89	0.081	0.41	3.1	0.21	2.0	5.4	0.15	5	5.6	5.5
STD DS8	Standard	15	119	0.61	280	0.123	3	0.91	0.084	0.42	3.2	0.20	1.9	5.5	0.15	5	4.5	5.2
STD DS8	Standard	15	122	0.63	284	0.128	3	0.99	0.102	0.43	2.9	0.20	2.2	5.7	0.17	5	6.1	5.4
STD DS8	Standard	14	118	0.60	270	0.116	2	0.91	0.081	0.41	3.0	0.20	2.0	5.7	0.15	5	5.7	5.3
STD DS8	Standard	14	119	0.61	276	0.123	1	0.90	0.083	0.41	3.2	0.21	2.1	5.3	0.15	5	5.1	4.9
STD DS8	Standard	15	123	0.61	283	0.131	1	0.87	0.083	0.42	3.0	0.21	2.1	5.7	0.14	5	4.9	5.6
STD DS8	Standard	14	116	0.63	297	0.119	2	0.90	0.086	0.41	3.2	0.18	1.9	5.3	0.13	4	5.1	4.4
STD DS8	Standard	14	114	0.56	263	0.123	3	0.85	0.083	0.40	2.7	0.17	2.1	4.9	0.11	5	5.7	4.5
STD DS8	Standard	15	128	0.64	286	0.119	3	0.95	0.095	0.43	3.1	0.18	2.1	5.6	0.17	5	5.9	5.0
STD DS8	Standard	14	125	0.63	282	0.119	2	0.94	0.091	0.41	3.2	0.20	2.1	5.4	0.16	5	5.7	5.1
STD DS8	Standard	15	115	0.60	256	0.127	3	0.87	0.083	0.39	3.2	0.19	2.1	5.2	0.16	5	5.0	5.0
STD DS8	Standard	17	118	0.62	270	0.138	3	0.92	0.089	0.41	3.3	0.21	2.2	5.2	0.16	5	5.0	5.2

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Report Date: July 12, 2011

QUALITY CONTROL REPORT WHI11000323.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: ECH
Report Date: July 12, 2011

QUALITY CONTROL REPORT WHI11000323.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

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Client: **Ryan Gold**
402 - 905 West Pender St.
Vancouver BC V6C1L6 Canada

Submitted By: Mike Skead
Receiving Lab: Canada-Whitehorse
Received: June 28, 2011
Report Date: July 07, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI11000328.1

CLIENT JOB INFORMATION

Project: ECH
Shipment ID: ECH2011-01
P.O. Number
Number of Samples: 8

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	8	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	8	Dry at 60C			WHI
1DX2	8	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ryan Gold
402 - 905 West Pender St.
Vancouver BC V6C1L6
Canada

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Client: **Ryan Gold**
402 - 905 West Pender St.
Vancouver BC V6C1L6 Canada

Project: ECH
Report Date: July 07, 2011

CERTIFICATE OF ANALYSIS WHI11000328.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1067151	Soil	1.3	19.6	45.3	94	0.5	19.6	8.7	286	2.98	10.7	0.9	3.1	4.7	12	0.4	0.8	0.2	70	0.11	0.025
1067156	Soil	1.3	62.4	8.9	80	0.3	130.9	22.9	558	3.91	7.5	0.7	2.7	3.7	12	0.2	0.3	0.1	95	0.15	0.025
1067159	Soil	0.8	35.0	15.6	79	<0.1	24.5	10.1	403	3.63	6.6	1.1	2.4	8.9	19	0.1	0.4	0.2	45	0.10	0.023
1067163	Soil	0.7	25.1	7.3	67	<0.1	58.5	19.9	512	4.28	4.9	0.5	1.9	4.0	14	<0.1	0.2	<0.1	111	0.20	0.025
1067154	Soil	1.2	31.2	20.4	75	<0.1	40.6	15.6	431	3.47	7.5	1.0	8.5	7.7	19	0.1	0.5	0.2	63	0.24	0.045
1067162	Soil	0.2	39.2	8.9	43	<0.1	145.5	30.0	712	2.47	1.1	0.2	1.4	0.7	18	<0.1	<0.1	<0.1	58	0.32	0.010
1067152	Soil	1.0	15.3	12.0	52	0.2	17.5	8.0	239	3.29	10.5	0.6	3.3	3.2	12	0.2	0.6	0.2	67	0.13	0.034
1067161	Soil	0.8	30.8	10.0	100	0.1	20.0	9.4	617	3.56	6.6	1.1	0.8	6.8	15	0.2	0.4	0.2	51	0.12	0.026

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Client: **Ryan Gold**
402 - 905 West Pender St.
Vancouver BC V6C1L6 Canada

Project: ECH
Report Date: July 07, 2011

CERTIFICATE OF ANALYSIS WHI11000328.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1067151	Soil	14	31	0.36	88	0.066	1	1.95	0.006	0.07	0.1	0.11	2.6	0.2	<0.05	7	<0.5	<0.2
1067156	Soil	9	153	1.77	257	0.136	<1	3.18	0.007	0.21	<0.1	0.03	4.1	0.2	<0.05	8	1.0	<0.2
1067159	Soil	23	30	0.79	249	0.055	<1	2.77	0.005	0.20	<0.1	0.03	3.2	0.3	<0.05	8	<0.5	<0.2
1067163	Soil	11	151	2.28	219	0.156	<1	3.26	0.007	0.34	0.1	0.03	8.6	0.4	<0.05	8	<0.5	<0.2
1067154	Soil	19	47	0.78	140	0.092	2	1.91	0.009	0.14	0.1	0.03	2.9	0.2	<0.05	6	<0.5	<0.2
1067162	Soil	3	480	3.76	114	0.105	<1	3.36	0.005	0.26	<0.1	0.02	5.1	0.3	<0.05	7	<0.5	<0.2
1067152	Soil	11	26	0.42	138	0.071	1	2.01	0.008	0.06	0.2	0.05	2.5	<0.1	<0.05	6	0.6	<0.2
1067161	Soil	13	27	1.08	253	0.155	<1	2.53	0.005	0.37	<0.1	0.02	3.8	0.4	<0.05	8	<0.5	<0.2

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Client: **Ryan Gold**
402 - 905 West Pender St.
Vancouver BC V6C1L6 Canada

Project: ECH
Report Date: July 07, 2011

QUALITY CONTROL REPORT WHI11000328.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1067161	Soil	0.8	30.8	10.0	100	0.1	20.0	9.4	617	3.56	6.6	1.1	0.8	6.8	15	0.2	0.4	0.2	51	0.12	0.026
REP 1067161	QC	0.9	30.3	9.7	102	0.1	19.8	9.6	617	3.67	6.6	1.1	1.7	6.8	15	0.2	0.4	0.2	51	0.12	0.026
Reference Materials																					
STD DS8	Standard	13.2	114.9	128.3	322	1.8	38.5	7.8	632	2.49	25.9	2.6	110.4	6.4	62	2.4	5.3	6.1	43	0.69	0.081
STD DS8	Standard	14.1	114.0	122.2	321	1.8	39.7	7.9	640	2.53	27.0	2.8	113.1	7.0	65	2.1	5.1	6.2	45	0.72	0.078
STD DS8	Standard	13.6	113.4	127.4	352	1.8	41.8	7.6	647	2.62	27.2	3.1	115.6	7.5	72	2.5	6.3	7.0	42	0.71	0.084
STD DS8	Standard	13.5	107.0	129.6	326	1.8	38.5	7.4	614	2.43	26.0	2.9	104.0	7.4	72	2.6	5.9	6.9	41	0.67	0.080
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Client: **Ryan Gold**
402 - 905 West Pender St.
Vancouver BC V6C1L6 Canada

Project: ECH
Report Date: July 07, 2011

QUALITY CONTROL REPORT WHI11000328.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1067161	Soil	13	27	1.08	253	0.155	<1	2.53	0.005	0.37	<0.1	0.02	3.8	0.4	<0.05	8	<0.5	<0.2
REP 1067161	QC	13	29	1.08	260	0.160	2	2.63	0.007	0.37	0.1	0.02	3.9	0.4	<0.05	8	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	15	121	0.63	283	0.115	2	0.93	0.088	0.42	3.1	0.19	2.1	5.5	0.19	5	5.1	5.2
STD DS8	Standard	16	124	0.63	289	0.122	3	0.94	0.089	0.43	3.0	0.21	2.2	5.3	0.10	5	4.5	5.1
STD DS8	Standard	15	122	0.63	284	0.128	3	0.99	0.102	0.43	2.9	0.20	2.2	5.7	0.17	5	6.1	5.4
STD DS8	Standard	14	118	0.60	270	0.116	2	0.91	0.081	0.41	3.0	0.20	2.0	5.7	0.15	5	5.7	5.3
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

www.acmelab.com

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

Submitted By: Mike Skead
Receiving Lab: Canada-Whitehorse
Received: June 30, 2011
Report Date: July 12, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS WHI11000367.1

CLIENT JOB INFORMATION

Project: ECH
Shipment ID: ECH2011-02
P.O. Number
Number of Samples: 320

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

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

ADDITIONAL COMMENTS

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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

Project: ECH
Report Date: July 12, 2011

CERTIFICATE OF ANALYSIS WHI11000367.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1069085	Soil	1.6	33.1	19.0	76	<0.1	49.9	24.4	692	5.93	7.9	0.9	1.1	5.6	17	0.1	0.5	0.2	137	0.31	0.046
1069089	Soil	1.2	26.5	13.1	96	<0.1	36.6	19.5	1031	4.07	7.4	1.5	6.4	15.9	20	0.2	0.5	0.2	87	0.41	0.095
1069093	Soil	1.4	26.1	19.2	83	<0.1	38.9	17.2	594	3.29	7.4	1.0	3.0	8.9	26	0.2	0.5	0.2	78	0.59	0.100
1069122	Soil	2.9	27.8	11.4	95	<0.1	34.5	18.6	609	4.61	9.9	1.0	2.3	12.7	18	0.3	0.4	0.3	87	0.29	0.057
1069084	Soil	0.8	14.6	16.4	68	<0.1	21.2	10.3	345	3.65	8.0	0.6	3.7	4.1	14	0.2	0.7	0.2	74	0.18	0.031
1069088	Soil	0.9	27.4	11.9	95	<0.1	41.4	21.5	725	4.07	5.3	1.5	2.8	12.4	24	0.2	0.3	0.2	102	0.45	0.070
1069092	Soil	1.2	22.8	16.8	76	<0.1	34.0	18.9	608	3.52	6.8	1.3	3.7	12.1	27	0.2	0.4	0.2	79	0.54	0.086
1069112	Soil	1.2	23.5	11.7	63	<0.1	25.2	12.8	342	3.60	11.0	0.7	2.0	6.0	15	0.2	0.6	0.2	88	0.17	0.034
1069083	Soil	1.2	19.4	14.0	93	<0.1	27.5	12.6	396	3.30	7.0	0.8	1.8	4.4	20	0.2	0.4	0.2	80	0.32	0.059
1069087	Soil	1.4	21.4	12.8	49	<0.1	17.6	11.7	393	4.07	5.6	1.1	4.0	5.7	16	<0.1	0.4	0.2	111	0.27	0.063
1069091	Soil	1.0	24.4	17.9	94	0.1	35.1	16.9	788	3.72	7.2	2.3	3.7	15.1	25	0.2	0.5	0.2	77	0.45	0.070
1069116	Soil	1.0	20.0	10.8	61	<0.1	24.8	12.0	338	3.19	7.6	0.7	4.8	3.3	22	0.2	0.4	0.2	73	0.34	0.073
1069100	Soil	0.8	21.0	11.8	68	0.1	24.9	13.6	548	2.92	7.3	1.2	6.3	8.5	26	0.1	0.4	0.1	73	0.41	0.073
1069086	Soil	1.1	14.6	9.1	45	<0.1	17.0	8.3	282	3.21	6.1	0.6	1.4	2.8	11	0.2	0.4	0.2	83	0.15	0.039
1069090	Soil	1.2	16.8	19.1	62	<0.1	25.5	11.0	457	2.70	5.3	1.3	2.8	12.3	20	0.1	0.4	0.1	59	0.34	0.062
1069094	Soil	0.9	25.0	11.6	78	0.1	33.1	15.1	530	3.39	7.2	1.7	2.2	9.6	25	0.1	0.3	0.2	81	0.53	0.069
1069076	Soil	1.7	21.9	13.6	74	0.2	20.8	8.5	366	2.45	5.3	2.6	1.6	6.8	26	0.2	0.4	0.2	54	0.43	0.072
1069080	Soil	1.6	22.3	11.4	92	<0.1	34.1	17.0	538	3.74	6.2	1.2	9.3	7.2	20	0.2	0.3	0.1	85	0.46	0.095
1069096	Soil	0.8	23.2	12.8	65	<0.1	28.9	14.9	433	3.18	6.6	1.3	3.6	7.3	23	0.1	0.3	0.1	75	0.44	0.081
1069101	Soil	0.9	22.3	9.1	54	0.2	23.4	12.0	386	2.84	6.9	1.3	4.3	5.7	26	0.1	0.5	0.1	61	0.37	0.071
1069075	Soil	2.0	33.3	17.7	103	0.2	46.6	17.7	748	3.86	7.3	3.4	3.9	14.1	25	0.2	0.4	0.2	100	0.51	0.085
1069079	Soil	1.3	25.9	11.0	43	0.4	17.8	8.5	330	2.06	4.5	3.2	3.0	3.0	29	<0.1	0.4	0.2	41	0.44	0.105
1069095	Soil	0.6	21.2	12.9	66	<0.1	25.9	11.4	304	3.05	8.6	1.2	9.3	6.3	23	0.1	0.4	0.2	74	0.41	0.062
1069099	Soil	0.7	21.0	9.4	68	<0.1	23.6	12.5	363	3.12	7.1	1.1	3.8	8.3	24	0.1	0.4	0.1	68	0.40	0.082
1069074	Soil	1.6	23.8	16.4	105	0.1	36.2	16.6	664	3.91	6.2	1.5	2.0	8.3	25	0.2	0.4	0.2	91	0.44	0.076
1069078	Soil	1.4	20.4	10.4	75	0.1	26.3	13.1	360	3.00	5.4	1.9	3.7	9.1	23	0.1	0.3	0.2	72	0.50	0.082
1069082	Soil	1.1	26.4	12.6	82	<0.1	27.2	12.6	374	3.38	7.4	1.3	3.5	7.3	23	0.1	0.4	0.2	78	0.44	0.092
1069098	Soil	1.1	20.7	11.4	77	0.1	25.4	12.6	388	3.10	8.0	1.2	4.7	7.7	22	0.2	0.4	0.2	76	0.34	0.077
1069073	Soil	1.6	18.1	18.3	104	<0.1	44.6	18.8	637	4.34	4.9	1.2	2.7	6.4	30	0.2	0.3	0.2	110	0.48	0.065
1069077	Soil	2.9	28.5	11.5	91	0.1	34.1	15.3	766	3.78	8.0	2.9	4.4	12.5	27	0.3	0.4	0.2	85	0.59	0.090

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

Project: ECH
Report Date: July 12, 2011

CERTIFICATE OF ANALYSIS WHI11000367.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1069085	Soil		11	90	1.31	173	0.169	2	3.10	0.021	0.12	0.1	0.03	5.4	<0.1	<0.05	12	0.6	<0.2
1069089	Soil		22	53	1.00	214	0.125	2	2.18	0.015	0.21	0.2	0.03	4.7	0.2	<0.05	9	<0.5	<0.2
1069093	Soil		17	66	1.09	237	0.133	1	2.02	0.021	0.19	0.2	0.02	4.0	0.1	<0.05	7	0.6	<0.2
1069122	Soil		24	55	0.90	233	0.085	2	2.94	0.018	0.13	0.3	0.02	4.8	0.2	<0.05	9	<0.5	<0.2
1069084	Soil		13	37	0.64	118	0.091	1	1.85	0.009	0.12	0.2	0.02	3.3	0.2	<0.05	7	<0.5	<0.2
1069088	Soil		33	67	1.71	178	0.200	2	2.54	0.019	0.34	0.2	0.01	5.1	0.3	<0.05	11	<0.5	<0.2
1069092	Soil		39	45	1.02	259	0.122	2	2.31	0.020	0.19	0.2	0.03	4.4	0.2	<0.05	8	0.6	<0.2
1069112	Soil		12	44	0.66	160	0.119	2	2.68	0.012	0.11	0.1	0.03	3.8	0.1	<0.05	8	0.9	<0.2
1069083	Soil		14	61	0.97	161	0.149	2	2.08	0.012	0.24	0.1	0.02	3.4	0.2	<0.05	8	<0.5	<0.2
1069087	Soil		12	37	0.73	102	0.215	<1	1.90	0.016	0.11	0.2	0.03	2.6	0.2	<0.05	11	<0.5	<0.2
1069091	Soil		43	51	0.94	252	0.106	2	2.21	0.019	0.15	0.2	0.04	6.8	0.2	<0.05	8	0.6	<0.2
1069116	Soil		15	40	0.77	211	0.104	1	2.14	0.013	0.16	0.2	0.03	3.8	0.1	<0.05	8	0.6	<0.2
1069100	Soil		18	45	0.77	245	0.111	1	2.01	0.016	0.10	0.2	0.03	3.7	<0.1	<0.05	7	<0.5	<0.2
1069086	Soil		7	38	0.52	82	0.111	1	1.66	0.015	0.06	0.1	0.05	2.3	<0.1	<0.05	8	<0.5	<0.2
1069090	Soil		30	38	0.66	174	0.089	2	1.61	0.019	0.14	0.2	0.04	3.2	0.1	<0.05	6	0.7	<0.2
1069094	Soil		27	56	0.95	295	0.112	2	2.34	0.016	0.13	0.2	0.05	5.3	0.1	<0.05	8	0.5	<0.2
1069076	Soil		34	36	0.58	261	0.064	2	1.64	0.019	0.15	0.2	0.05	3.3	0.1	<0.05	6	0.7	<0.2
1069080	Soil		16	62	1.19	219	0.172	2	2.18	0.014	0.32	0.2	0.03	4.0	0.2	<0.05	8	<0.5	<0.2
1069096	Soil		19	50	0.95	224	0.124	2	2.23	0.017	0.15	0.2	0.03	4.1	0.1	<0.05	8	0.6	<0.2
1069101	Soil		18	37	0.61	269	0.077	2	1.93	0.016	0.08	0.1	0.05	3.8	<0.1	<0.05	6	0.7	<0.2
1069075	Soil		36	80	1.44	421	0.156	2	2.57	0.015	0.47	0.1	0.04	7.1	0.3	<0.05	10	0.6	<0.2
1069079	Soil		31	27	0.37	326	0.037	2	1.79	0.019	0.10	0.1	0.11	3.9	0.1	0.07	5	1.1	<0.2
1069095	Soil		15	45	0.72	235	0.091	<1	2.13	0.015	0.09	0.1	0.05	4.0	<0.1	<0.05	7	<0.5	<0.2
1069099	Soil		18	41	0.78	235	0.100	1	2.00	0.017	0.11	0.2	0.03	3.5	<0.1	<0.05	6	<0.5	<0.2
1069074	Soil		24	68	1.24	316	0.160	2	2.08	0.015	0.38	0.2	0.04	5.2	0.3	<0.05	9	0.5	<0.2
1069078	Soil		23	45	0.97	253	0.110	2	2.17	0.014	0.16	0.2	0.05	4.9	0.2	<0.05	8	<0.5	<0.2
1069082	Soil		19	45	0.96	261	0.136	2	2.15	0.012	0.20	0.2	0.03	4.7	0.2	<0.05	7	0.8	<0.2
1069098	Soil		15	44	0.69	208	0.092	1	2.18	0.015	0.11	0.2	0.03	3.8	<0.1	<0.05	8	<0.5	<0.2
1069073	Soil		19	90	1.43	508	0.191	<1	2.52	0.016	0.55	0.1	0.03	6.0	0.3	<0.05	11	<0.5	<0.2
1069077	Soil		37	50	0.98	351	0.114	2	2.40	0.017	0.27	0.2	0.06	5.6	0.2	<0.05	8	0.7	<0.2

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CERTIFICATE OF ANALYSIS WHI11000367.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1069081	Soil	2.1	29.2	20.2	56	0.6	22.6	23.9	1165	2.81	6.3	3.0	4.3	3.1	33	0.2	0.4	0.2	63	0.48	0.111
1069097	Soil	0.8	24.2	10.0	66	<0.1	24.8	13.3	370	2.86	5.6	1.2	5.1	7.4	20	<0.1	0.4	0.2	67	0.37	0.063
1069147	Soil	1.8	13.3	36.6	60	0.1	17.1	9.9	470	3.33	5.6	0.9	2.1	3.5	13	0.1	0.6	0.3	73	0.16	0.049
1069158	Soil	1.0	31.8	10.5	58	<0.1	39.9	17.9	401	3.45	7.5	0.6	6.3	4.9	13	0.2	0.5	0.2	79	0.20	0.043
1069151	Soil	1.4	13.2	11.8	43	<0.1	13.0	7.0	256	3.24	8.2	0.5	1.8	5.5	10	0.1	0.6	0.2	75	0.09	0.029
1069072	Soil	2.0	21.9	13.1	91	<0.1	39.0	18.4	542	4.70	6.5	0.9	1.9	7.0	13	0.2	0.5	0.3	104	0.19	0.047
1069148	Soil	1.4	17.7	60.1	60	0.1	19.5	9.3	317	3.33	6.5	0.8	1.6	6.3	15	0.1	0.7	0.3	80	0.23	0.041
1069152	Soil	1.3	28.0	11.5	63	<0.1	25.4	18.5	511	4.04	6.1	1.6	2.1	7.4	12	0.1	0.5	0.2	90	0.20	0.045
1069154	Soil	0.4	4.4	6.0	9	<0.1	3.8	1.4	35	0.66	0.7	0.5	0.8	<0.1	9	<0.1	<0.1	<0.1	13	0.08	0.035
1069071	Soil	4.5	35.5	13.6	90	<0.1	40.4	23.6	1357	6.39	3.8	4.3	0.9	46.1	11	0.1	0.3	0.4	130	0.23	0.092
1069171	Soil	0.7	25.7	10.7	62	<0.1	30.6	13.0	319	3.06	6.6	0.8	4.4	4.0	20	<0.1	0.4	0.2	71	0.28	0.058
1069153	Soil	2.6	28.3	11.4	114	<0.1	80.9	30.1	882	5.87	4.7	2.8	1.9	8.7	15	0.2	0.5	0.2	134	0.29	0.092
1069156	Soil	2.0	22.3	10.6	62	<0.1	29.8	16.3	379	5.32	6.3	1.4	1.0	10.1	14	<0.1	0.5	0.3	129	0.19	0.041
1069149	Soil	1.4	19.2	11.7	66	<0.1	20.6	11.7	438	4.11	5.5	1.0	2.9	6.1	13	0.1	0.6	0.3	113	0.16	0.045
1069170	Soil	0.9	24.0	8.9	49	<0.1	24.8	11.0	258	2.81	6.3	0.7	4.8	2.5	16	<0.1	0.4	0.2	70	0.22	0.056
1069155	Soil	1.8	21.2	10.6	81	<0.1	29.7	17.6	528	6.29	7.4	1.6	<0.5	13.3	13	0.1	0.5	0.3	147	0.19	0.054
1069157	Soil	1.1	13.2	13.0	38	<0.1	14.6	6.7	224	3.84	8.9	0.6	2.5	6.2	11	0.1	0.5	0.3	91	0.12	0.035
1069150	Soil	1.2	26.1	9.1	80	<0.1	36.1	18.3	607	4.01	4.8	0.9	3.6	8.5	13	0.1	0.3	0.2	103	0.24	0.071
1069163	Soil	0.8	23.8	10.9	55	<0.1	44.9	26.6	657	5.69	1.7	0.9	1.2	3.4	21	<0.1	0.1	0.2	132	0.38	0.074
1069165	Soil	1.1	20.4	8.6	46	<0.1	21.2	11.0	280	2.97	5.0	1.2	4.0	3.8	14	<0.1	0.3	0.2	73	0.25	0.077
1069146	Soil	1.2	12.7	36.3	49	<0.1	15.4	8.1	288	2.82	6.0	0.9	1.8	3.1	12	<0.1	0.6	0.3	63	0.15	0.058
1069159	Soil	3.2	12.0	45.0	110	<0.1	11.6	12.1	2104	3.11	4.1	1.7	2.0	15.4	22	0.2	0.2	0.2	56	0.16	0.044
1069141	Soil	1.4	22.3	12.2	57	<0.1	22.7	11.4	446	3.50	6.6	0.9	3.9	1.9	12	<0.1	0.5	0.3	78	0.16	0.060
1069160	Soil	4.7	11.9	58.5	119	<0.1	10.8	9.5	2909	3.15	2.9	3.5	2.0	36.1	41	0.3	0.2	0.3	63	0.28	0.076
1069145	Soil	1.6	12.3	89.0	94	0.2	18.5	11.0	868	3.15	5.1	1.2	1.9	5.5	14	0.2	1.7	0.3	59	0.25	0.080
1069169	Soil	1.2	34.6	9.9	73	<0.1	40.4	19.4	585	4.27	5.5	0.9	1.4	4.0	24	<0.1	0.4	0.3	104	0.28	0.069
1069142	Soil	1.7	33.7	14.9	74	<0.1	32.7	15.0	554	3.50	6.0	1.6	1.8	10.7	18	0.1	0.5	0.3	75	0.30	0.048
1069144	Soil	2.0	17.2	16.8	82	<0.1	22.3	14.9	693	3.64	5.9	1.3	1.9	4.1	14	0.2	1.8	0.3	68	0.18	0.076
1069167	Soil	1.2	11.6	10.2	38	<0.1	9.2	5.3	164	2.19	3.0	0.5	1.3	0.7	11	<0.1	0.4	0.2	60	0.15	0.034
1069166	Soil	1.2	19.2	10.6	54	<0.1	30.1	14.7	497	3.44	6.2	0.7	0.9	3.8	18	<0.1	0.4	0.2	83	0.22	0.049

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CERTIFICATE OF ANALYSIS WHI11000367.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1069081	Soil	24	36	0.45	367	0.061	1	2.23	0.018	0.15	0.1	0.12	5.0	0.2	0.09	7	0.9	<0.2
1069097	Soil	21	46	0.78	222	0.107	2	1.84	0.011	0.08	0.2	0.03	4.0	<0.1	<0.05	7	<0.5	<0.2
1069147	Soil	19	35	0.43	155	0.030	3	1.74	0.007	0.11	0.1	0.04	3.9	0.5	<0.05	8	<0.5	<0.2
1069158	Soil	10	60	0.84	170	0.106	<1	2.49	0.010	0.17	0.2	0.03	4.0	0.2	<0.05	7	<0.5	<0.2
1069151	Soil	9	27	0.28	70	0.071	1	2.12	0.006	0.04	0.1	0.03	2.1	<0.1	<0.05	8	<0.5	<0.2
1069072	Soil	13	82	1.19	259	0.204	1	2.36	0.013	0.37	0.2	0.03	4.8	0.3	<0.05	12	<0.5	<0.2
1069148	Soil	16	36	0.55	144	0.064	<1	1.77	0.009	0.09	0.1	0.03	4.6	0.4	<0.05	8	<0.5	<0.2
1069152	Soil	16	37	0.80	176	0.123	<1	2.22	0.010	0.24	0.1	0.02	5.1	0.4	<0.05	8	0.5	<0.2
1069154	Soil	10	8	0.07	95	0.012	<1	0.56	0.018	0.03	<0.1	0.03	0.2	<0.1	0.05	2	<0.5	<0.2
1069071	Soil	44	68	1.33	158	0.177	2	2.97	0.011	0.62	0.1	0.07	8.4	0.8	<0.05	16	0.8	<0.2
1069171	Soil	16	47	0.84	208	0.109	<1	2.10	0.010	0.09	0.2	0.03	3.8	0.2	<0.05	7	<0.5	<0.2
1069153	Soil	29	163	1.65	240	0.231	2	2.92	0.009	0.60	0.1	0.01	6.8	0.8	<0.05	12	0.6	<0.2
1069156	Soil	16	53	1.01	87	0.149	1	2.20	0.008	0.11	0.2	0.03	6.1	0.2	<0.05	14	0.6	<0.2
1069149	Soil	14	43	0.56	105	0.100	2	1.59	0.008	0.15	<0.1	0.03	5.2	0.4	<0.05	13	<0.5	<0.2
1069170	Soil	13	43	0.67	138	0.094	<1	2.00	0.009	0.08	0.1	0.03	3.0	0.2	<0.05	6	0.5	<0.2
1069155	Soil	19	57	1.32	134	0.210	1	2.80	0.008	0.39	0.2	0.02	7.1	0.4	<0.05	15	<0.5	<0.2
1069157	Soil	10	32	0.38	94	0.069	<1	1.84	0.006	0.04	0.2	0.04	2.5	0.1	<0.05	9	<0.5	<0.2
1069150	Soil	12	64	1.14	172	0.172	<1	2.30	0.014	0.36	0.2	0.01	4.0	0.3	<0.05	10	<0.5	<0.2
1069163	Soil	12	83	1.90	235	0.212	<1	3.00	0.011	0.48	0.1	0.02	6.1	0.3	<0.05	13	<0.5	<0.2
1069165	Soil	16	37	0.73	138	0.108	1	1.70	0.009	0.14	0.1	0.03	3.2	0.1	<0.05	8	<0.5	<0.2
1069146	Soil	15	30	0.43	112	0.041	2	1.92	0.006	0.07	0.1	0.03	3.0	0.3	<0.05	7	0.7	<0.2
1069159	Soil	28	24	0.22	486	0.002	<1	2.97	0.006	0.13	0.2	0.04	3.0	1.5	<0.05	6	0.5	<0.2
1069141	Soil	20	41	0.67	105	0.048	<1	2.19	0.007	0.06	0.1	0.04	2.9	0.2	0.05	9	0.5	<0.2
1069160	Soil	107	20	0.17	712	0.002	<1	2.20	0.007	0.16	0.2	0.03	4.7	1.4	<0.05	5	0.5	<0.2
1069145	Soil	20	33	0.48	132	0.047	5	1.53	0.007	0.15	0.1	0.04	3.9	0.4	<0.05	6	<0.5	<0.2
1069169	Soil	16	73	1.07	203	0.127	<1	2.75	0.010	0.20	0.1	0.03	5.5	0.4	<0.05	10	0.6	<0.2
1069142	Soil	43	53	0.91	172	0.080	1	2.23	0.010	0.10	0.1	0.02	6.2	0.2	<0.05	7	0.5	<0.2
1069144	Soil	20	38	0.46	119	0.036	2	1.97	0.007	0.11	<0.1	0.03	4.1	0.4	<0.05	7	0.5	<0.2
1069167	Soil	8	20	0.24	94	0.049	1	1.06	0.013	0.05	<0.1	0.03	1.8	0.4	<0.05	6	<0.5	<0.2
1069166	Soil	10	47	0.79	151	0.107	<1	1.86	0.010	0.13	0.1	0.03	3.4	0.2	<0.05	8	<0.5	<0.2

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

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1069175	Soil		1.9	14.3	21.3	55	0.2	15.9	6.2	223	2.57	3.7	1.5	3.5	0.5	15	0.1	0.6	0.3	63	0.23	0.093
1069162	Soil		1.1	8.4	9.7	26	<0.1	12.5	6.3	179	2.39	2.9	0.4	1.2	2.9	9	<0.1	0.4	0.3	93	0.12	0.030
1069143	Soil		1.0	23.4	11.7	67	<0.1	29.0	14.3	422	3.29	5.1	0.9	4.6	7.1	14	0.1	0.5	0.2	71	0.24	0.065
1069164	Soil		1.0	19.2	9.7	60	<0.1	25.4	12.9	429	3.37	7.5	0.8	5.0	3.9	17	<0.1	0.4	0.2	85	0.26	0.080
1069053	Soil		1.1	21.3	8.9	64	<0.1	22.2	11.5	368	3.17	6.2	0.8	2.2	6.5	15	<0.1	0.4	0.2	75	0.20	0.039
1069052	Soil		1.6	16.8	9.5	60	<0.1	19.3	9.5	309	3.34	7.8	0.7	2.8	6.0	14	<0.1	0.4	0.3	78	0.17	0.029
1069060	Soil		1.4	27.1	17.2	76	0.1	25.2	10.7	411	2.94	6.0	2.0	2.1	7.1	42	0.1	0.5	0.2	64	0.48	0.050
1069058	Soil		2.5	16.1	8.4	67	<0.1	17.3	8.9	295	3.40	5.1	0.6	<0.5	4.8	10	0.1	0.3	0.3	88	0.14	0.039
1069044	Soil		1.4	28.7	16.2	70	<0.1	23.2	16.4	352	4.31	6.3	0.5	1.1	2.2	11	0.2	0.4	0.1	114	0.32	0.103
1069051	Soil		0.9	12.8	7.9	31	<0.1	9.2	4.8	279	1.86	3.1	0.6	<0.5	1.7	10	<0.1	0.2	0.2	48	0.09	0.024
1069054	Soil		1.1	30.8	11.9	68	<0.1	25.5	12.8	480	3.28	6.8	1.6	1.3	8.6	23	<0.1	0.5	0.3	75	0.28	0.038
1069070	Soil		1.3	13.2	14.2	30	<0.1	12.0	10.2	749	2.34	3.9	0.8	<0.5	2.7	14	<0.1	0.5	0.2	51	0.11	0.033
1069042	Soil		1.4	24.5	11.2	54	<0.1	22.6	11.2	363	2.92	5.5	0.9	<0.5	2.6	18	0.1	0.4	0.2	73	0.30	0.076
1069043	Soil		1.7	23.3	19.0	107	<0.1	26.9	16.0	947	3.96	6.8	1.1	2.0	7.7	16	0.2	0.5	0.3	79	0.17	0.027
1069067	Soil		2.0	25.5	14.0	83	<0.1	23.3	12.0	409	4.01	7.5	1.4	1.8	12.0	21	0.1	0.5	0.3	77	0.26	0.038
1069059	Soil		1.6	28.0	8.5	72	<0.1	24.0	10.4	328	3.07	5.5	1.6	3.1	8.8	27	<0.1	0.5	0.2	60	0.38	0.056
1069046	Soil		1.9	17.6	14.8	91	<0.1	30.7	16.5	653	5.12	8.2	0.8	0.6	5.1	11	0.2	0.5	0.3	109	0.10	0.041
1069063	Soil		2.5	13.2	11.0	60	<0.1	16.1	7.5	339	3.57	8.4	0.6	<0.5	4.3	13	0.2	0.7	0.2	81	0.14	0.028
1069049	Soil		1.9	12.7	13.1	50	<0.1	14.1	10.3	681	3.23	6.2	0.6	0.5	4.8	19	0.2	0.4	0.2	75	0.17	0.037
1069050	Soil		1.4	22.3	7.4	73	<0.1	36.1	21.7	657	5.15	5.2	0.8	1.2	8.6	18	0.1	0.5	0.2	95	0.29	0.077
1069161	Soil		2.5	34.6	18.6	60	<0.1	55.6	22.6	846	4.05	3.3	1.0	1.1	1.7	49	0.1	0.2	0.2	91	0.95	0.145
1069174	Soil		1.6	22.9	49.4	82	0.1	24.1	12.1	548	3.40	8.6	1.4	2.6	6.5	14	0.2	0.6	0.4	65	0.20	0.081
1069168	Soil		1.3	30.2	10.7	55	<0.1	34.4	16.3	439	3.79	4.4	0.9	<0.5	2.0	31	<0.1	0.2	0.4	94	0.33	0.061
1069038	Soil		1.1	21.3	12.2	50	<0.1	20.6	8.8	284	3.02	8.0	1.3	4.0	7.0	16	0.1	0.5	0.2	68	0.15	0.041
1069040	Soil		1.0	22.8	14.2	75	<0.1	32.0	16.3	396	4.03	7.8	0.5	<0.5	5.1	13	0.1	0.5	0.2	105	0.16	0.022
1069041	Soil		1.2	23.8	13.3	73	<0.1	30.7	16.0	363	4.01	9.3	0.5	5.0	4.8	13	0.1	0.5	0.2	97	0.14	0.024
1069062	Soil		2.3	14.2	13.5	60	<0.1	12.4	13.6	746	3.23	6.0	0.6	<0.5	4.0	19	0.2	0.4	0.2	89	0.20	0.043
1069064	Soil		2.6	19.7	13.6	79	<0.1	21.4	11.4	407	3.72	7.5	1.3	0.9	11.6	19	0.1	0.4	0.3	88	0.22	0.031
1069039	Soil		1.3	24.0	17.2	108	0.1	29.7	17.2	555	4.60	6.1	0.6	1.7	5.0	13	0.3	0.5	0.4	111	0.14	0.040
1069069	Soil		1.4	21.9	11.9	65	<0.1	27.9	11.9	349	3.57	7.0	0.8	1.2	6.4	13	0.2	0.4	0.2	91	0.18	0.031

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1069175	Soil		29	31	0.29	136	0.025	3	1.32	0.007	0.11	<0.1	0.04	1.5	0.3	0.06	7	0.6	<0.2
1069162	Soil		10	27	0.41	102	0.140	<1	1.18	0.007	0.10	<0.1	0.03	1.9	0.1	<0.05	10	<0.5	<0.2
1069143	Soil		26	44	0.78	147	0.088	2	2.15	0.009	0.12	0.1	0.02	4.5	0.3	<0.05	7	<0.5	<0.2
1069164	Soil		14	38	0.75	144	0.120	<1	1.79	0.009	0.13	0.2	0.03	3.4	0.2	<0.05	8	<0.5	<0.2
1069053	Soil		25	41	0.69	158	0.095	1	2.08	0.011	0.08	0.2	0.02	3.9	0.2	<0.05	8	<0.5	<0.2
1069052	Soil		17	38	0.55	151	0.084	<1	2.05	0.008	0.07	0.2	0.02	3.2	0.1	<0.05	8	<0.5	<0.2
1069060	Soil		43	37	0.61	629	0.081	2	1.97	0.014	0.07	0.2	0.03	5.7	0.1	<0.05	7	0.6	<0.2
1069058	Soil		10	32	0.56	105	0.123	1	1.64	0.013	0.12	0.2	0.01	3.0	0.2	<0.05	10	<0.5	<0.2
1069044	Soil		6	40	0.84	159	0.253	1	2.69	0.018	0.41	0.1	0.03	3.7	0.2	<0.05	9	0.8	<0.2
1069051	Soil		28	18	0.23	111	0.057	<1	1.11	0.014	0.06	0.1	<0.01	2.4	0.1	<0.05	6	<0.5	<0.2
1069054	Soil		34	44	0.70	246	0.104	<1	2.05	0.012	0.07	0.2	0.02	5.9	0.2	<0.05	7	<0.5	<0.2
1069070	Soil		10	24	0.18	104	0.030	1	1.52	0.006	0.05	<0.1	0.03	2.1	0.2	<0.05	6	0.8	<0.2
1069042	Soil		15	40	0.67	196	0.118	<1	1.71	0.013	0.10	0.2	0.02	3.0	0.2	<0.05	7	<0.5	<0.2
1069043	Soil		18	43	0.77	444	0.079	3	2.61	0.010	0.20	0.2	0.02	5.5	0.5	<0.05	7	<0.5	<0.2
1069067	Soil		35	45	0.71	256	0.095	2	2.53	0.012	0.08	0.2	0.02	5.4	0.2	<0.05	9	0.5	<0.2
1069059	Soil		47	37	0.76	460	0.096	3	1.87	0.016	0.10	0.2	0.03	5.3	0.1	<0.05	7	<0.5	<0.2
1069046	Soil		12	59	0.84	144	0.059	1	2.97	0.008	0.12	0.2	0.03	6.2	0.3	<0.05	13	<0.5	<0.2
1069063	Soil		10	29	0.38	144	0.071	3	2.00	0.007	0.08	0.2	0.01	2.6	0.1	<0.05	9	<0.5	<0.2
1069049	Soil		13	29	0.41	227	0.081	3	1.96	0.008	0.13	0.1	0.02	4.0	0.2	<0.05	9	<0.5	<0.2
1069050	Soil		27	65	1.16	260	0.131	3	2.83	0.011	0.37	1.4	0.02	8.0	0.5	<0.05	10	<0.5	<0.2
1069161	Soil		22	101	1.56	177	0.095	4	2.18	0.019	0.19	0.1	0.06	5.1	0.4	0.08	10	0.7	<0.2
1069174	Soil		22	36	0.64	192	0.045	3	2.35	0.009	0.09	0.2	0.04	5.5	0.2	<0.05	7	0.5	<0.2
1069168	Soil		19	69	0.93	156	0.087	1	2.35	0.013	0.13	0.2	0.03	4.7	0.4	<0.05	9	<0.5	<0.2
1069038	Soil		21	41	0.49	174	0.093	1	2.32	0.011	0.09	0.1	0.04	5.3	0.2	<0.05	7	0.6	<0.2
1069040	Soil		9	50	0.99	192	0.216	1	2.87	0.011	0.22	0.1	0.02	3.6	0.2	<0.05	9	<0.5	<0.2
1069041	Soil		10	45	0.91	189	0.181	<1	2.79	0.010	0.17	0.1	0.02	3.5	0.2	<0.05	9	<0.5	<0.2
1069062	Soil		9	27	0.35	173	0.119	<1	1.42	0.011	0.13	0.1	<0.01	2.4	0.1	<0.05	8	<0.5	<0.2
1069064	Soil		28	46	0.57	190	0.103	1	2.40	0.011	0.08	0.1	0.03	5.2	0.2	<0.05	9	<0.5	<0.2
1069039	Soil		9	62	1.06	181	0.190	<1	2.81	0.010	0.16	0.1	0.03	3.8	0.2	<0.05	11	<0.5	<0.2
1069069	Soil		13	54	0.76	121	0.108	<1	2.45	0.009	0.07	0.1	0.03	4.2	0.2	<0.05	9	0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1069068	Soil		1.3	32.8	12.1	75	<0.1	27.5	13.6	476	3.51	6.8	1.7	2.8	10.7	23	<0.1	0.4	0.3	81	0.30	0.039
1069061	Soil		1.6	22.6	42.3	96	0.2	23.5	9.4	523	2.82	6.4	2.9	2.1	8.6	57	0.2	0.4	0.2	64	0.50	0.045
1069037	Soil		0.9	25.1	10.5	63	<0.1	25.1	11.5	400	3.12	7.2	1.1	2.0	8.0	18	0.1	0.4	0.2	79	0.25	0.051
1069055	Soil		0.9	21.9	11.5	47	<0.1	22.5	12.0	338	2.96	8.3	0.9	5.5	6.7	15	0.2	0.4	0.2	67	0.16	0.034
1069057	Soil		1.8	25.0	11.3	58	<0.1	22.7	13.3	356	4.28	7.9	1.0	4.0	8.2	12	0.1	0.4	0.2	98	0.15	0.034
1069056	Soil		1.0	30.2	11.3	58	<0.1	29.3	13.1	410	3.33	9.5	1.4	1.7	21.8	18	0.1	0.5	0.2	69	0.22	0.034
1067834	Soil		1.1	22.3	11.8	69	<0.1	19.9	8.1	273	2.45	5.2	1.4	2.2	12.4	24	0.1	0.4	0.2	60	0.29	0.040
1067827	Soil		1.6	30.8	19.0	130	0.2	27.5	8.6	283	2.67	5.4	2.2	5.1	7.0	24	0.2	0.5	0.2	66	0.32	0.052
1067831	Soil		1.2	25.9	16.1	108	<0.1	30.2	9.8	291	2.80	5.7	1.2	3.8	5.3	25	0.3	0.3	0.2	67	0.33	0.031
1069045	Soil		1.8	21.6	28.7	127	<0.1	37.8	15.2	605	4.71	6.1	2.1	1.3	10.9	14	<0.1	0.4	0.4	82	0.12	0.038
1067813	Soil		0.9	38.1	10.3	79	<0.1	36.4	12.2	564	3.67	6.6	2.2	1.9	10.1	14	<0.1	0.4	0.2	88	0.17	0.047
1067822	Soil		3.0	22.2	24.5	90	<0.1	19.9	7.7	260	2.82	6.5	3.6	3.4	12.6	26	0.2	0.4	0.3	58	0.33	0.061
1067832	Soil		1.4	32.0	17.5	100	<0.1	30.6	9.0	267	2.91	6.7	2.0	1.0	5.0	29	0.2	0.3	0.3	77	0.40	0.060
1069047	Soil		0.9	15.3	10.9	67	<0.1	40.3	18.5	413	4.02	6.9	0.4	<0.5	3.9	12	0.1	0.3	0.2	108	0.17	0.050
1067835	Soil		0.9	27.8	12.7	76	<0.1	22.6	8.6	279	2.72	6.0	2.0	<0.5	12.6	30	0.1	0.4	0.2	62	0.38	0.052
1067824	Soil		1.2	16.7	22.0	71	<0.1	13.5	5.8	287	2.25	4.7	3.9	1.1	10.1	26	0.1	0.4	0.2	51	0.27	0.050
1067821	Soil		1.9	19.4	16.0	61	<0.1	20.5	7.6	266	2.74	7.1	2.2	1.8	5.3	24	0.2	0.4	0.3	60	0.22	0.048
1069048	Soil		2.5	18.0	33.4	83	<0.1	17.0	11.0	2619	3.23	5.1	3.0	<0.5	9.7	53	0.2	0.4	0.2	61	0.34	0.051
1067816	Soil		1.2	34.7	11.3	59	<0.1	35.0	12.2	368	3.73	9.9	6.8	2.5	20.2	21	0.1	0.4	0.2	83	0.24	0.068
1067833	Soil		1.2	19.8	14.7	82	<0.1	19.5	7.4	229	2.52	5.9	1.0	2.8	4.2	19	0.4	0.3	0.3	63	0.22	0.047
1067825	Soil		1.2	13.0	22.8	74	<0.1	13.8	6.2	405	2.23	4.8	2.3	1.1	8.6	23	0.2	0.4	0.2	51	0.23	0.050
1069036	Soil		1.6	18.2	10.0	100	<0.1	47.4	21.9	855	5.11	6.7	1.0	<0.5	7.0	15	0.1	0.4	0.2	134	0.22	0.083
1067815	Soil		1.1	17.8	11.2	163	<0.1	22.2	15.5	736	5.34	5.3	1.3	<0.5	12.4	11	0.1	0.2	0.2	89	0.40	0.175
1067807	Soil		3.9	22.8	39.7	105	<0.1	25.5	13.0	560	4.08	9.0	1.9	4.2	16.1	15	0.3	0.6	0.3	84	0.20	0.053
1067823	Soil		2.5	22.9	21.2	83	<0.1	26.5	9.1	393	3.06	7.3	3.5	1.3	9.1	30	0.2	0.4	0.3	69	0.33	0.057
1067811	Soil		1.3	17.7	13.4	84	<0.1	23.0	11.0	348	4.25	8.3	1.1	1.7	8.7	12	0.1	0.4	0.2	96	0.17	0.054
1067826	Soil		1.8	21.3	23.9	111	0.1	21.5	9.2	260	2.68	8.7	1.5	1.6	6.2	18	0.4	0.6	0.2	55	0.19	0.052
1067830	Soil		0.9	25.6	16.8	117	0.1	26.0	8.5	282	2.75	5.7	1.5	1.8	7.1	27	0.3	0.3	0.2	60	0.38	0.057
1067814	Soil		1.5	15.4	12.9	77	0.1	13.8	10.1	809	3.53	7.9	0.5	1.1	3.6	9	0.3	0.4	0.3	91	0.10	0.067
1067806	Soil		2.5	22.3	22.6	62	<0.1	24.3	9.6	299	3.13	9.2	1.3	2.2	7.5	21	0.1	0.6	0.2	67	0.22	0.048

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

Project: ECH
Report Date: July 12, 2011

CERTIFICATE OF ANALYSIS WHI11000367.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1069068	Soil		35	48	0.78	247	0.122	<1	2.30	0.013	0.08	0.2	0.02	6.1	0.1	<0.05	8	<0.5	<0.2
1069061	Soil		38	38	0.54	939	0.075	1	1.88	0.014	0.08	0.2	0.04	5.2	0.2	<0.05	6	<0.5	<0.2
1069037	Soil		22	44	0.73	200	0.098	1	2.21	0.011	0.08	0.1	0.02	5.0	0.2	<0.05	7	<0.5	<0.2
1069055	Soil		15	36	0.42	174	0.068	2	2.45	0.010	0.06	0.1	0.02	3.9	0.2	<0.05	6	<0.5	<0.2
1069057	Soil		14	40	0.63	156	0.128	1	2.71	0.012	0.15	0.2	<0.01	4.5	0.2	<0.05	10	<0.5	<0.2
1069056	Soil		76	36	0.55	463	0.060	<1	2.44	0.010	0.08	0.2	0.03	6.0	0.2	<0.05	6	<0.5	<0.2
1067834	Soil		28	32	0.58	237	0.114	<1	1.68	0.014	0.08	0.4	0.02	3.9	0.1	<0.05	5	<0.5	<0.2
1067827	Soil		30	35	0.52	505	0.073	<1	1.68	0.011	0.08	0.2	0.03	4.5	0.1	<0.05	5	0.7	<0.2
1067831	Soil		20	43	0.58	308	0.106	<1	2.17	0.012	0.05	0.3	0.03	4.6	<0.1	<0.05	6	<0.5	<0.2
1069045	Soil		22	62	0.63	178	0.053	1	2.77	0.008	0.22	<0.1	0.02	6.8	0.5	<0.05	7	<0.5	<0.2
1067813	Soil		32	49	0.62	356	0.105	<1	2.69	0.012	0.14	0.1	0.04	6.5	0.2	<0.05	8	<0.5	<0.2
1067822	Soil		111	33	0.45	266	0.077	<1	1.52	0.013	0.07	0.2	0.02	4.2	0.2	<0.05	6	0.7	<0.2
1067832	Soil		19	42	0.63	430	0.087	2	2.10	0.013	0.07	0.2	0.05	4.2	0.1	<0.05	6	<0.5	<0.2
1069047	Soil		8	87	1.61	202	0.209	1	3.14	0.012	0.36	18.0	0.02	4.2	0.3	<0.05	11	<0.5	<0.2
1067835	Soil		32	32	0.68	386	0.099	<1	1.98	0.014	0.09	0.3	0.05	4.4	0.1	<0.05	7	0.8	<0.2
1067824	Soil		52	26	0.36	449	0.066	<1	1.27	0.011	0.07	0.4	0.02	3.6	0.1	<0.05	5	0.6	<0.2
1067821	Soil		46	35	0.36	295	0.069	2	1.95	0.012	0.08	0.2	0.03	3.1	0.1	<0.05	8	0.6	<0.2
1069048	Soil		56	28	0.45	1688	0.044	1	1.47	0.010	0.11	0.2	0.04	5.3	0.2	<0.05	5	<0.5	<0.2
1067816	Soil		59	45	0.64	517	0.081	1	2.93	0.014	0.11	0.2	0.04	8.3	0.2	<0.05	9	1.4	<0.2
1067833	Soil		16	33	0.53	238	0.079	<1	1.85	0.010	0.08	0.3	0.04	2.6	<0.1	<0.05	7	0.5	<0.2
1067825	Soil		36	25	0.36	331	0.062	<1	1.49	0.010	0.06	0.4	0.03	2.4	<0.1	<0.05	5	<0.5	<0.2
1069036	Soil		17	111	1.68	641	0.194	<1	3.07	0.011	0.37	0.1	0.03	8.1	0.4	<0.05	13	<0.5	<0.2
1067815	Soil		36	35	1.30	165	0.254	<1	2.67	0.015	0.64	0.2	0.01	5.0	0.6	<0.05	19	<0.5	<0.2
1067807	Soil		59	48	0.85	275	0.122	1	2.45	0.013	0.24	1.0	0.02	5.8	0.3	<0.05	10	0.8	<0.2
1067823	Soil		79	42	0.52	440	0.073	<1	2.03	0.013	0.12	0.4	0.05	5.0	0.2	<0.05	7	0.8	<0.2
1067811	Soil		12	49	0.95	199	0.171	1	2.55	0.014	0.20	0.2	0.02	4.0	0.2	<0.05	13	<0.5	<0.2
1067826	Soil		20	29	0.40	366	0.050	<1	1.63	0.008	0.06	0.4	0.04	2.9	0.1	<0.05	5	<0.5	<0.2
1067830	Soil		25	37	0.68	394	0.086	<1	1.84	0.013	0.07	0.6	0.03	3.9	<0.1	<0.05	6	0.9	<0.2
1067814	Soil		13	32	0.45	268	0.071	<1	2.09	0.008	0.09	0.1	0.02	2.4	0.1	<0.05	10	<0.5	<0.2
1067806	Soil		41	37	0.61	318	0.073	<1	2.13	0.012	0.06	0.2	0.04	4.3	0.1	<0.05	7	0.6	<0.2

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Project: ECH
Report Date: July 12, 2011

CERTIFICATE OF ANALYSIS WHI11000367.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1067817	Soil		1.0	22.3	9.9	65	<0.1	25.5	12.6	332	3.89	7.3	1.0	1.6	6.9	17	0.2	0.3	0.2	92	0.23	0.039
1067828	Soil		2.2	50.3	20.0	182	0.1	43.4	8.4	254	3.14	4.6	2.6	0.8	11.9	27	0.4	0.4	0.3	73	0.46	0.085
1067819	Soil		1.3	24.3	26.4	85	<0.1	27.0	12.2	354	3.58	8.1	2.1	1.8	9.3	25	0.2	0.5	0.2	71	0.28	0.058
1067809	Soil		1.2	29.5	14.8	60	0.1	26.1	12.1	274	3.70	11.0	1.4	2.0	9.9	12	0.2	0.6	0.2	77	0.12	0.037
1067818	Soil		1.0	28.7	11.2	90	<0.1	31.6	16.2	534	4.30	6.2	3.5	0.9	12.3	27	0.1	0.3	0.2	87	0.44	0.099
1067829	Soil		1.3	29.5	18.8	113	0.1	28.0	10.3	329	2.91	6.8	1.8	3.4	6.4	30	0.2	0.4	0.2	71	0.41	0.057
1067836	Soil		1.1	30.6	18.9	87	0.1	28.3	9.4	265	2.98	7.1	2.0	1.8	8.9	33	0.1	0.5	0.2	61	0.43	0.060
1067820	Soil		1.4	19.8	18.5	63	<0.1	19.8	10.1	317	3.44	9.3	1.2	<0.5	6.2	22	0.2	0.5	0.3	74	0.20	0.035
1069019	Soil		1.1	27.0	33.8	119	0.2	37.2	19.9	724	3.85	10.8	1.1	3.6	8.4	22	0.2	0.4	0.2	83	0.61	0.096
1069031	Soil		0.6	13.2	8.9	56	0.1	15.7	8.2	224	2.40	4.7	0.7	1.6	2.8	17	0.1	0.2	0.1	56	0.25	0.058
1069024	Soil		1.6	21.0	14.0	70	0.1	21.3	12.8	1695	2.05	4.4	1.3	0.8	2.2	32	0.5	0.6	0.1	44	0.64	0.107
1069030	Soil		0.7	16.5	12.7	73	0.1	20.2	10.4	331	2.63	6.7	0.8	1.2	4.0	20	0.1	0.3	0.2	59	0.30	0.061
1069016	Soil		1.0	10.7	10.8	48	<0.1	16.8	7.2	194	2.71	6.8	0.4	1.2	4.1	13	<0.1	0.3	0.2	86	0.15	0.026
1069033	Soil		0.6	18.2	12.4	496	0.1	24.2	12.9	383	3.09	4.8	0.9	3.8	3.7	18	1.2	0.3	0.1	67	0.35	0.111
1069009	Soil		2.0	27.7	13.2	79	<0.1	32.5	15.8	552	3.72	7.4	2.0	0.6	9.9	23	<0.1	0.4	0.2	77	0.47	0.077
1069029	Soil		0.8	12.9	11.4	54	0.1	16.8	10.0	386	2.34	5.8	0.6	1.4	3.0	17	0.1	0.3	0.1	49	0.25	0.058
1069018	Soil		1.1	26.8	14.8	89	<0.1	31.6	16.2	698	3.44	8.5	1.3	2.2	9.9	25	0.2	0.5	0.2	76	0.45	0.107
1069032	Soil		0.8	20.8	13.2	524	0.1	24.0	11.8	394	3.04	5.1	1.0	0.8	4.5	21	1.5	0.3	0.2	70	0.38	0.136
1069020	Soil		0.8	25.0	22.7	90	0.1	24.4	13.3	634	3.09	7.8	1.8	3.3	7.8	28	0.2	0.6	0.2	70	0.60	0.109
1069002	Soil		1.5	30.1	14.3	86	<0.1	33.3	18.8	739	4.39	6.8	1.4	1.7	10.9	20	0.2	0.4	0.3	103	0.38	0.085
1069014	Soil		1.0	24.8	11.0	69	<0.1	30.6	14.6	502	3.74	9.0	1.5	3.8	17.1	19	0.1	0.5	0.2	89	0.25	0.081
1069017	Soil		1.1	29.5	12.8	76	<0.1	32.4	15.1	544	3.39	7.4	1.5	5.1	10.6	23	0.1	0.5	0.2	78	0.37	0.101
1069010	Soil		1.5	32.5	12.9	75	<0.1	38.1	15.9	538	3.45	9.1	1.7	2.4	12.6	26	0.2	0.5	0.5	80	0.40	0.061
1069007	Soil		1.6	28.9	20.9	203	<0.1	47.8	29.6	1369	5.76	5.3	2.0	0.7	16.3	20	0.2	0.3	0.5	121	0.54	0.135
1069003	Soil		1.5	30.8	13.6	90	<0.1	34.2	17.6	632	4.20	7.1	1.5	1.7	12.6	19	0.1	0.4	0.3	100	0.36	0.087
1069026	Soil		0.8	12.6	11.9	56	<0.1	16.4	6.8	189	1.85	3.4	0.7	2.8	2.3	23	0.1	0.4	0.2	44	0.32	0.068
1069025	Soil		0.9	21.7	14.6	87	<0.1	24.3	13.5	547	2.88	7.0	1.2	3.5	7.6	25	0.2	0.5	0.2	67	0.38	0.091
1067812	Soil		1.1	33.3	19.4	116	<0.1	30.6	17.9	553	5.09	6.0	2.5	1.3	16.0	16	0.2	0.5	0.3	96	0.27	0.090
1069006	Soil		1.3	20.0	14.3	79	<0.1	25.3	13.9	541	3.37	6.6	1.5	1.7	12.1	19	0.2	0.4	0.3	81	0.31	0.064
1069022	Soil		0.9	31.0	32.0	127	<0.1	28.2	14.2	513	3.54	8.7	1.4	1.1	11.6	26	0.3	0.9	0.3	81	0.59	0.106

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1067817	Soil		18	51	0.78	300	0.118	<1	2.42	0.012	0.11	0.1	0.03	4.2	0.2	<0.05	10	<0.5	<0.2
1067828	Soil		34	37	0.58	552	0.046	<1	1.60	0.010	0.13	0.3	0.03	5.1	0.2	<0.05	6	1.3	<0.2
1067819	Soil		43	41	0.62	307	0.077	1	2.07	0.012	0.09	0.2	0.04	5.1	0.2	<0.05	7	0.7	<0.2
1067809	Soil		22	40	0.57	225	0.075	1	3.04	0.010	0.07	0.2	0.06	3.9	0.1	<0.05	8	0.8	<0.2
1067818	Soil		77	51	0.92	444	0.130	<1	2.07	0.015	0.29	0.2	0.03	7.1	0.3	<0.05	10	0.9	<0.2
1067829	Soil		24	39	0.66	500	0.089	<1	2.22	0.012	0.06	0.2	0.04	5.1	0.1	<0.05	7	0.6	<0.2
1067836	Soil		29	39	0.67	415	0.087	<1	2.24	0.016	0.06	0.3	0.06	4.7	0.1	<0.05	7	0.5	<0.2
1067820	Soil		24	32	0.50	274	0.061	<1	2.42	0.010	0.06	0.2	0.03	3.3	0.2	<0.05	8	<0.5	<0.2
1069019	Soil		23	63	1.34	260	0.144	<1	2.31	0.021	0.34	0.1	0.03	5.3	0.3	<0.05	9	0.9	<0.2
1069031	Soil		10	27	0.60	148	0.084	1	1.55	0.012	0.11	0.2	0.04	2.5	0.1	<0.05	6	<0.5	<0.2
1069024	Soil		25	29	0.44	280	0.039	1	1.33	0.015	0.06	0.1	0.08	3.0	0.1	0.06	5	0.7	<0.2
1069030	Soil		13	31	0.64	207	0.065	1	1.83	0.011	0.07	0.2	0.04	3.1	0.1	<0.05	6	0.5	<0.2
1069016	Soil		13	31	0.57	102	0.128	1	1.47	0.008	0.07	0.1	0.02	2.5	0.2	<0.05	10	<0.5	<0.2
1069033	Soil		15	44	0.93	173	0.122	1	1.92	0.012	0.33	0.1	0.03	3.2	0.2	<0.05	7	0.5	<0.2
1069009	Soil		32	48	0.94	363	0.081	1	2.29	0.013	0.20	0.1	0.05	7.0	0.3	<0.05	8	1.0	<0.2
1069029	Soil		10	26	0.50	176	0.058	<1	1.45	0.014	0.07	0.1	0.04	2.6	<0.1	<0.05	5	0.7	<0.2
1069018	Soil		27	49	0.92	240	0.118	2	2.03	0.018	0.14	0.2	0.02	5.5	0.2	<0.05	7	<0.5	<0.2
1069032	Soil		18	46	0.88	188	0.147	1	1.90	0.015	0.30	0.2	0.04	3.8	0.2	<0.05	7	<0.5	<0.2
1069020	Soil		24	46	0.93	244	0.115	2	1.86	0.026	0.15	0.2	0.04	5.3	0.2	0.07	7	<0.5	<0.2
1069002	Soil		23	55	1.13	222	0.135	1	2.50	0.016	0.19	0.1	0.02	7.4	0.3	<0.05	10	<0.5	<0.2
1069014	Soil		43	52	0.94	256	0.134	2	2.28	0.014	0.22	0.2	0.02	5.7	0.2	<0.05	9	<0.5	<0.2
1069017	Soil		36	50	0.88	274	0.115	2	2.11	0.016	0.12	0.2	0.03	5.8	0.2	<0.05	7	0.5	<0.2
1069010	Soil		33	61	0.97	324	0.115	2	2.23	0.016	0.13	0.1	0.03	6.4	0.2	<0.05	8	<0.5	<0.2
1069007	Soil		29	85	1.75	261	0.177	1	2.82	0.014	0.39	0.2	0.01	9.1	0.4	<0.05	13	<0.5	<0.2
1069003	Soil		30	58	1.06	248	0.115	1	2.43	0.014	0.15	0.1	0.03	7.1	0.2	<0.05	10	<0.5	<0.2
1069026	Soil		11	28	0.47	185	0.059	1	1.49	0.015	0.05	0.2	0.04	2.9	<0.1	<0.05	6	<0.5	<0.2
1069025	Soil		16	40	0.74	275	0.098	2	2.00	0.017	0.07	0.2	0.03	4.5	0.1	<0.05	7	<0.5	<0.2
1067812	Soil		65	61	1.18	338	0.171	<1	2.83	0.019	0.37	0.3	0.02	8.8	0.3	<0.05	13	<0.5	<0.2
1069006	Soil		21	44	0.83	189	0.117	1	2.05	0.013	0.11	0.2	0.02	4.5	0.2	<0.05	8	<0.5	<0.2
1069022	Soil		21	53	1.02	226	0.150	2	1.97	0.024	0.15	0.2	0.04	5.3	0.3	<0.05	8	<0.5	<0.2

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Project: ECH
Report Date: July 12, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1069027	Soil	0.9	15.8	13.5	73	0.1	18.3	11.2	575	2.34	5.9	0.9	2.8	3.9	25	0.2	0.4	0.2	55	0.37	0.096
1067808	Soil	2.2	49.7	98.8	167	<0.1	27.6	15.3	550	4.50	11.9	2.6	3.2	14.7	18	0.3	0.7	0.4	99	0.18	0.031
1069001	Soil	1.4	22.6	15.0	87	<0.1	41.1	19.2	860	4.52	5.7	2.1	1.2	18.8	18	0.2	0.4	0.4	93	0.33	0.103
1069004	Soil	1.0	26.0	13.7	74	0.1	27.2	11.5	292	3.03	7.4	1.5	2.1	6.2	20	0.1	0.4	0.2	67	0.32	0.071
1069023	Soil	1.2	23.3	25.5	105	0.2	25.7	14.3	601	3.14	8.2	1.6	2.3	8.4	27	0.2	0.7	0.2	71	0.48	0.096
1067810	Soil	1.3	30.2	15.6	99	<0.1	26.0	14.7	514	4.56	7.4	1.9	0.5	12.9	13	0.2	0.5	0.2	100	0.20	0.070
1069008	Soil	0.7	13.1	5.3	26	0.1	8.7	4.0	155	1.19	2.6	1.5	0.7	1.4	15	<0.1	0.2	0.1	29	0.27	0.045
1069005	Soil	2.1	25.5	23.5	123	<0.1	37.9	18.9	662	4.70	9.0	1.8	1.1	16.3	18	0.2	0.4	0.3	96	0.32	0.086
1069028	Soil	0.8	22.6	14.4	83	0.1	23.2	13.6	509	2.95	7.8	1.3	6.0	7.8	24	0.2	0.5	0.2	66	0.37	0.079
1069021	Soil	4.6	50.8	24.1	72	0.3	27.6	23.2	9862	2.83	7.3	3.4	1.9	3.0	42	0.7	0.8	0.2	51	0.85	0.152
1067764	Soil	1.1	15.6	10.3	59	0.2	13.9	8.4	335	1.93	5.4	1.5	2.2	1.7	38	0.2	0.4	0.2	43	0.47	0.103
1067756	Soil	0.9	23.3	14.7	81	<0.1	29.5	15.2	400	3.78	6.2	1.2	0.8	7.6	24	0.1	0.4	0.2	86	0.36	0.079
1067743	Soil	1.2	28.4	14.7	62	<0.1	20.7	9.1	303	3.03	10.5	1.2	3.9	9.0	17	0.1	0.6	0.2	65	0.17	0.055
1067740	Soil	1.1	17.1	15.3	49	<0.1	14.5	6.8	196	3.50	11.2	0.5	1.8	2.2	13	0.1	0.6	0.2	84	0.14	0.035
1067753	Soil	0.9	16.0	8.8	48	<0.1	23.7	12.0	297	3.55	4.5	0.6	1.3	2.8	9	0.1	0.2	0.1	91	0.10	0.041
4067758	Soil	0.9	24.5	13.7	91	<0.1	37.4	15.1	437	3.81	6.0	1.5	1.1	9.5	29	0.2	0.5	0.2	70	0.50	0.089
1067745	Soil	1.4	23.8	29.3	92	<0.1	32.3	18.0	620	4.48	7.3	1.1	0.9	6.9	15	0.3	0.6	0.2	96	0.17	0.052
1067754	Soil	0.6	9.1	8.1	28	<0.1	9.2	5.0	146	1.65	2.9	0.5	<0.5	1.5	11	<0.1	0.2	<0.1	37	0.09	0.037
1067759	Soil	0.9	22.4	14.0	78	<0.1	22.4	12.1	373	3.12	7.5	1.2	1.9	5.8	27	0.2	0.5	0.2	67	0.39	0.069
1067757	Soil	0.9	32.6	15.8	102	<0.1	31.5	15.5	457	3.88	6.5	1.8	5.0	8.4	27	0.1	0.5	0.2	85	0.48	0.091
1067755	Soil	0.9	24.5	12.5	83	<0.1	31.6	17.8	443	4.07	5.6	1.3	1.7	8.6	25	0.1	0.4	0.2	94	0.36	0.089
1067739	Soil	1.3	18.0	14.9	89	<0.1	24.4	13.3	488	4.17	8.1	1.2	3.6	7.3	19	0.2	0.8	0.5	83	0.28	0.073
1067760	Soil	1.1	24.3	15.0	87	<0.1	25.1	12.0	546	3.44	7.5	1.9	5.0	8.3	27	0.2	0.4	0.2	80	0.41	0.065
1067737	Soil	1.2	29.1	22.5	92	0.3	29.5	13.4	530	3.67	7.8	2.0	6.1	8.5	23	0.2	0.5	0.4	74	0.41	0.093
1067761	Soil	0.9	24.5	13.5	84	<0.1	23.7	11.7	374	2.85	6.7	1.2	4.2	6.4	31	0.2	0.6	0.2	65	0.46	0.070
1067742	Soil	1.5	17.1	13.0	63	<0.1	15.4	12.4	602	4.32	8.0	0.6	<0.5	3.9	16	0.1	0.6	0.2	112	0.19	0.033
1067763	Soil	1.1	16.0	14.9	88	<0.1	18.3	12.1	353	3.27	8.6	1.4	2.2	9.4	23	0.2	0.5	0.2	69	0.42	0.082
1067746	Soil	1.1	25.3	12.0	81	<0.1	23.6	12.9	518	3.80	6.5	0.7	0.9	5.8	15	0.1	0.4	0.2	85	0.22	0.051
1067767	Soil	1.6	15.2	11.2	70	0.1	16.6	15.5	1260	3.42	9.6	1.3	2.4	3.4	26	0.2	0.5	0.2	61	0.31	0.068
1069011	Soil	1.0	35.5	15.4	102	<0.1	45.3	27.5	1064	4.98	3.4	2.0	<0.5	24.6	17	0.2	0.3	0.3	116	0.38	0.078

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1069027	Soil	12	31	0.54	225	0.072	1	1.67	0.016	0.06	0.2	0.05	3.4	0.1	<0.05	6	<0.5	<0.2
1067808	Soil	42	53	0.89	362	0.159	1	3.23	0.014	0.15	0.3	0.03	7.6	0.2	<0.05	11	<0.5	<0.2
1069001	Soil	43	76	1.19	198	0.115	1	2.36	0.011	0.29	0.1	0.03	8.1	0.4	<0.05	11	<0.5	<0.2
1069004	Soil	25	44	0.76	203	0.079	1	2.13	0.014	0.09	0.1	0.04	5.3	0.2	<0.05	7	0.6	<0.2
1069023	Soil	20	47	0.81	267	0.106	1	2.12	0.020	0.09	0.1	0.05	5.2	0.2	<0.05	8	<0.5	<0.2
1067810	Soil	30	53	1.00	204	0.195	<1	2.80	0.018	0.30	0.3	0.03	6.1	0.3	<0.05	12	<0.5	<0.2
1069008	Soil	21	17	0.21	122	0.038	<1	0.89	0.022	0.07	<0.1	0.04	1.9	<0.1	<0.05	4	<0.5	<0.2
1069005	Soil	33	75	1.17	211	0.131	1	2.88	0.012	0.15	0.2	0.03	6.5	0.3	<0.05	10	<0.5	<0.2
1069028	Soil	18	37	0.70	303	0.094	2	2.04	0.016	0.08	0.2	0.06	4.8	0.1	<0.05	7	<0.5	<0.2
1069021	Soil	53	33	0.44	511	0.045	2	1.54	0.021	0.06	0.1	0.09	3.8	0.3	0.11	5	1.4	<0.2
1067764	Soil	17	26	0.43	258	0.051	1	1.26	0.017	0.05	0.4	0.07	2.7	<0.1	0.06	5	<0.5	<0.2
1067756	Soil	25	53	1.10	270	0.176	<1	2.22	0.016	0.37	0.3	0.02	5.6	0.2	<0.05	10	<0.5	<0.2
1067743	Soil	21	33	0.50	234	0.070	1	2.22	0.012	0.10	0.2	0.04	4.4	0.1	<0.05	7	<0.5	<0.2
1067740	Soil	10	31	0.39	111	0.108	<1	1.81	0.010	0.06	0.2	0.02	2.5	0.1	<0.05	9	<0.5	<0.2
1067753	Soil	10	49	1.09	162	0.227	1	2.22	0.016	0.38	0.2	0.03	4.3	0.2	<0.05	11	<0.5	<0.2
4067758	Soil	25	70	1.37	392	0.165	<1	2.28	0.022	0.47	0.3	0.03	7.4	0.3	<0.05	10	0.6	<0.2
1067745	Soil	15	69	1.05	228	0.166	<1	2.86	0.010	0.29	0.2	0.02	5.2	0.3	<0.05	10	<0.5	<0.2
1067754	Soil	11	18	0.36	99	0.081	<1	1.04	0.018	0.14	0.1	0.02	1.8	<0.1	<0.05	5	<0.5	<0.2
1067759	Soil	18	38	0.74	275	0.123	<1	1.92	0.015	0.10	0.2	0.04	4.6	0.1	<0.05	7	<0.5	<0.2
1067757	Soil	30	55	1.12	317	0.178	<1	2.16	0.020	0.43	0.3	0.03	7.5	0.2	<0.05	10	<0.5	<0.2
1067755	Soil	34	58	1.27	307	0.198	<1	2.59	0.016	0.41	0.2	0.02	6.2	0.3	<0.05	11	<0.5	<0.2
1067739	Soil	23	45	0.86	211	0.151	<1	2.59	0.010	0.32	0.2	0.02	4.4	0.4	<0.05	10	<0.5	<0.2
1067760	Soil	35	46	0.76	343	0.112	2	2.17	0.016	0.16	1.2	0.03	5.5	0.2	<0.05	8	<0.5	<0.2
1067737	Soil	50	56	0.91	301	0.100	2	2.33	0.012	0.28	0.2	0.05	6.0	0.3	<0.05	9	<0.5	<0.2
1067761	Soil	22	38	0.69	291	0.103	2	1.89	0.023	0.10	0.5	0.03	4.3	0.1	<0.05	7	<0.5	<0.2
1067742	Soil	10	30	0.72	176	0.189	<1	2.43	0.009	0.22	<0.1	<0.01	3.7	0.2	<0.05	10	<0.5	<0.2
1067763	Soil	22	33	0.69	241	0.101	2	1.96	0.020	0.14	0.8	0.03	4.1	0.1	<0.05	7	<0.5	<0.2
1067746	Soil	16	49	0.93	180	0.200	2	2.24	0.013	0.36	0.1	<0.01	3.3	0.2	<0.05	10	<0.5	<0.2
1067767	Soil	12	28	0.45	234	0.053	1	1.62	0.015	0.06	0.2	0.04	3.2	<0.1	<0.05	5	<0.5	<0.2
1069011	Soil	37	87	1.62	246	0.196	2	2.32	0.018	0.49	0.1	0.01	6.6	0.4	<0.05	11	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1067741	Soil		0.6	53.9	9.6	85	<0.1	59.1	26.8	698	5.06	1.8	0.7	2.1	4.8	28	0.1	0.7	0.3	112	0.67	0.129
1067744	Soil		1.3	23.3	29.2	91	<0.1	34.6	18.6	676	4.51	7.5	1.1	2.0	8.5	17	0.2	0.6	0.2	95	0.22	0.057
1067765	Soil		0.7	21.4	12.7	76	<0.1	18.7	8.5	315	2.68	7.6	1.1	2.4	4.6	27	0.2	0.6	0.2	58	0.36	0.064
1069015	Soil		0.9	35.8	12.3	84	<0.1	42.8	21.1	722	4.66	8.1	1.4	2.1	17.4	22	0.1	0.5	0.2	113	0.40	0.066
1067752	Soil		1.3	23.7	10.5	80	<0.1	35.2	20.1	558	4.75	5.7	0.9	2.0	10.0	14	0.1	0.4	0.2	101	0.26	0.070
1067768	Soil		0.4	19.5	13.5	74	<0.1	20.4	11.9	406	2.81	7.7	1.2	2.8	4.2	27	0.3	0.6	0.2	67	0.34	0.053
1067766	Soil		0.7	16.6	12.2	72	0.1	18.0	8.0	276	2.22	6.0	1.1	2.8	3.4	28	0.2	0.5	0.2	53	0.36	0.062
1069013	Soil		1.0	15.9	11.5	48	<0.1	18.8	11.7	368	3.66	7.7	0.8	1.2	7.5	15	0.1	0.5	0.2	100	0.20	0.051
1067750	Soil		1.1	15.6	13.7	107	<0.1	27.4	15.7	567	5.17	6.6	0.5	<0.5	3.4	12	0.2	0.4	0.2	132	0.16	0.036
1067736	Soil		0.9	42.3	33.2	129	<0.1	56.3	31.8	1284	6.03	4.4	1.2	2.1	7.0	20	0.2	0.3	0.5	124	0.58	0.186
1067747	Soil		0.5	10.9	11.6	28	<0.1	7.2	3.5	131	1.27	2.3	0.4	<0.5	0.1	10	0.5	0.2	<0.1	32	0.12	0.047
1069012	Soil		4.9	30.4	39.9	193	<0.1	81.2	29.9	2276	5.79	6.4	3.8	2.0	20.8	17	0.3	1.0	0.3	111	0.23	0.028
1067914	Soil		1.9	35.4	269.2	1489	<0.1	42.5	30.9	1561	7.21	2.8	1.7	0.6	15.1	18	1.7	1.7	0.3	133	0.36	0.113
1067911	Soil		0.8	45.6	160.7	2030	0.1	27.1	30.5	2880	7.61	4.7	1.6	1.2	6.7	43	5.1	2.4	0.3	122	0.38	0.192
1067749	Soil		1.3	19.4	10.8	73	<0.1	18.2	11.2	371	4.00	6.5	0.6	1.2	4.1	11	<0.1	0.4	0.2	99	0.18	0.061
1067762	Soil		1.0	18.0	13.0	82	<0.1	18.5	14.0	1049	2.52	6.5	1.0	3.0	3.6	30	0.3	0.5	0.2	57	0.42	0.066
1067923	Soil		1.3	41.7	16.9	102	<0.1	35.1	22.5	592	5.00	6.8	0.9	5.4	7.3	17	0.3	1.5	0.6	114	0.25	0.066
1067917	Soil		1.1	49.9	21.9	322	0.1	44.9	35.7	1326	7.51	1.2	1.7	1.5	4.7	26	1.8	1.1	0.2	153	0.58	0.170
1067919	Soil		1.5	20.5	37.2	137	<0.1	26.1	16.8	444	4.04	9.9	1.2	1.9	10.5	14	0.5	0.7	0.3	61	0.16	0.063
1067748	Soil		2.5	33.9	11.0	86	<0.1	21.3	10.5	678	3.43	6.2	0.6	1.2	3.9	13	0.2	0.5	0.2	79	0.12	0.034
1067924	Soil		2.5	19.0	53.2	146	0.5	19.0	11.7	588	3.42	5.8	1.0	3.5	4.3	13	1.5	0.8	0.3	72	0.13	0.062
1067915	Soil		2.4	18.0	23.6	118	<0.1	22.6	14.5	512	4.13	6.8	0.7	2.5	7.4	11	0.3	0.5	0.2	76	0.18	0.060
1067937	Soil		4.4	22.5	14.8	56	0.2	12.7	5.7	224	2.56	5.3	0.9	2.9	4.2	19	0.3	0.4	0.2	67	0.17	0.029
1067751	Soil		1.4	23.3	12.7	91	<0.1	28.3	21.1	565	5.62	5.5	1.2	1.6	9.1	16	0.1	0.4	0.2	129	0.25	0.069
1067912	Soil		1.5	40.3	124.1	316	<0.1	44.8	27.5	1152	5.52	4.3	0.9	1.5	6.9	13	0.5	0.7	0.2	122	0.32	0.118
1067922	Soil		1.0	73.8	15.7	112	<0.1	60.9	43.2	1622	6.95	1.6	1.4	1.1	4.9	23	0.2	1.1	0.3	132	0.54	0.112
1067916	Soil		1.2	14.1	73.5	228	<0.1	26.4	14.6	745	3.89	6.7	0.8	1.4	10.5	14	0.6	0.5	0.2	75	0.21	0.071
1067738	Soil		1.3	23.1	17.4	96	<0.1	29.0	15.2	612	3.89	7.1	1.2	0.6	7.6	18	0.2	0.5	0.3	86	0.36	0.073
1067876	Soil		34.2	16.5	72.7	163	0.1	13.8	9.3	565	2.56	8.4	3.4	8.2	5.7	18	0.6	2.6	0.3	43	0.17	0.055
1067877	Soil		14.8	25.1	25.5	97	<0.1	23.0	11.5	486	3.59	8.3	1.9	2.2	11.1	20	0.4	0.8	0.3	76	0.31	0.063

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

Project: ECH
Report Date: July 12, 2011

CERTIFICATE OF ANALYSIS WHI11000367.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1067741	Soil		22	116	2.02	388	0.246	<1	3.42	0.019	0.93	0.3	<0.01	6.7	0.5	<0.05	11	<0.5	<0.2
1067744	Soil		17	72	1.06	254	0.155	2	3.17	0.012	0.30	0.2	0.02	5.4	0.3	<0.05	9	<0.5	<0.2
1067765	Soil		15	29	0.52	249	0.074	1	1.69	0.019	0.06	0.3	0.03	3.5	<0.1	<0.05	5	<0.5	<0.2
1069015	Soil		54	75	1.39	300	0.175	2	2.74	0.018	0.29	0.1	0.02	8.4	0.3	<0.05	10	0.6	<0.2
1067752	Soil		20	66	1.48	230	0.214	1	3.13	0.014	0.51	0.2	0.02	5.9	0.3	<0.05	12	<0.5	<0.2
1067768	Soil		14	31	0.53	222	0.079	1	1.86	0.019	0.07	0.2	0.04	3.6	<0.1	<0.05	6	<0.5	<0.2
1067766	Soil		15	29	0.52	232	0.075	2	1.71	0.019	0.07	0.3	0.03	3.2	0.1	<0.05	6	<0.5	<0.2
1069013	Soil		14	36	0.67	162	0.144	2	2.01	0.010	0.24	<0.1	0.02	3.2	0.2	<0.05	10	<0.5	<0.2
1067750	Soil		7	52	1.48	207	0.341	1	3.31	0.013	0.60	0.1	<0.01	5.4	0.4	<0.05	15	<0.5	<0.2
1067736	Soil		18	115	1.90	455	0.221	2	2.84	0.017	0.83	0.1	<0.01	7.1	0.6	<0.05	11	<0.5	<0.2
1067747	Soil		7	14	0.21	73	0.055	1	0.84	0.019	0.07	<0.1	0.01	0.8	<0.1	<0.05	4	<0.5	<0.2
1069012	Soil		57	151	1.76	253	0.152	2	3.00	0.011	0.49	0.1	0.04	13.9	0.6	<0.05	12	1.0	<0.2
1067914	Soil		38	68	1.58	384	0.194	<1	3.07	0.010	0.72	0.3	0.02	12.6	0.6	<0.05	11	0.8	<0.2
1067911	Soil		20	31	0.96	293	0.132	1	2.58	0.010	0.50	<0.1	0.02	8.5	0.6	0.07	10	<0.5	<0.2
1067749	Soil		12	41	0.90	231	0.191	<1	2.44	0.009	0.45	0.2	0.02	3.6	0.3	<0.05	10	<0.5	<0.2
1067762	Soil		14	31	0.58	266	0.079	2	1.59	0.016	0.07	0.4	0.04	3.6	0.1	0.06	6	0.5	<0.2
1067923	Soil		18	66	1.19	236	0.179	1	3.05	0.014	0.39	0.2	0.02	6.9	0.6	<0.05	10	0.6	<0.2
1067917	Soil		24	82	1.34	545	0.102	1	2.35	0.014	0.40	0.6	0.04	28.1	0.5	<0.05	10	<0.5	<0.2
1067919	Soil		18	38	0.46	297	0.048	2	3.41	0.010	0.13	0.2	0.04	4.4	0.2	<0.05	6	0.6	<0.2
1067748	Soil		8	48	0.73	230	0.140	1	2.14	0.014	0.14	0.2	0.02	3.1	0.1	<0.05	9	<0.5	<0.2
1067924	Soil		15	33	0.44	286	0.061	2	1.84	0.011	0.09	0.1	0.03	4.1	0.3	<0.05	7	0.5	<0.2
1067915	Soil		14	38	0.86	129	0.126	2	2.11	0.013	0.32	0.2	0.02	4.7	0.2	<0.05	9	0.5	<0.2
1067937	Soil		29	27	0.33	589	0.078	1	1.77	0.016	0.07	0.2	0.03	2.7	0.1	<0.05	8	<0.5	<0.2
1067751	Soil		20	60	1.37	207	0.226	1	3.25	0.014	0.57	0.3	0.02	7.1	0.3	<0.05	13	<0.5	<0.2
1067912	Soil		18	94	1.64	213	0.203	2	2.94	0.015	0.54	0.1	0.02	7.2	0.4	<0.05	11	<0.5	<0.2
1067922	Soil		22	108	1.62	491	0.088	2	2.33	0.014	0.31	0.1	0.01	16.9	0.4	<0.05	9	0.6	<0.2
1067916	Soil		18	45	0.80	207	0.114	2	3.13	0.011	0.27	0.1	0.04	6.0	0.3	<0.05	8	<0.5	<0.2
1067738	Soil		19	51	0.97	203	0.156	1	2.33	0.017	0.27	0.2	0.02	4.3	0.2	<0.05	9	<0.5	<0.2
1067876	Soil		61	22	0.28	291	0.042	<1	1.03	0.011	0.09	0.2	0.02	2.8	0.3	<0.05	4	<0.5	<0.2
1067877	Soil		68	40	0.72	431	0.111	2	2.22	0.018	0.16	0.5	0.04	5.2	0.2	<0.05	8	0.8	<0.2

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Project: ECH
Report Date: July 12, 2011

CERTIFICATE OF ANALYSIS WHI11000367.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1067901	Soil	1.3	25.1	15.5	68	<0.1	19.6	8.1	272	2.52	5.9	2.4	2.6	15.2	26	0.2	0.5	0.2	55	0.32	0.054
1067918	Soil	2.0	45.8	246.4	507	0.1	49.2	31.7	2380	7.69	7.9	2.9	1.4	10.4	34	2.0	2.1	0.2	111	0.75	0.238
1067892	Soil	0.9	20.2	9.8	71	0.1	19.7	9.8	237	2.86	6.4	1.6	3.1	8.9	20	0.1	0.4	0.2	61	0.27	0.053
1067882	Soil	1.1	27.2	12.5	83	<0.1	25.0	12.8	434	3.44	9.1	1.7	2.0	10.3	21	<0.1	0.5	0.2	74	0.29	0.062
1067886	Soil	0.8	24.2	8.4	92	<0.1	23.5	13.3	508	3.78	6.0	2.0	3.3	11.3	20	0.2	0.3	0.2	80	0.37	0.084
1067927	Soil	2.7	29.7	187.6	183	0.4	23.2	13.7	746	3.72	9.9	2.6	8.2	10.6	28	0.5	0.7	0.5	69	0.21	0.049
1067879	Soil	1.2	25.4	46.5	78	<0.1	14.3	7.2	242	2.97	8.2	1.0	1.1	7.5	14	0.3	0.4	0.3	69	0.15	0.028
1067894	Soil	1.1	17.6	18.2	158	<0.1	25.7	17.9	640	3.77	8.4	1.1	2.0	6.9	19	0.2	0.4	0.3	82	0.25	0.046
1067895	Soil	0.6	36.2	8.1	84	<0.1	47.6	29.7	795	4.46	3.5	2.2	2.4	6.7	29	0.2	0.2	0.2	101	0.62	0.099
1067920	Soil	1.3	30.6	28.0	128	0.1	30.5	17.2	699	3.90	8.0	1.2	1.4	8.3	20	0.3	0.8	0.2	81	0.31	0.071
1067880	Soil	1.1	20.0	11.2	72	<0.1	25.5	12.0	342	3.50	10.2	0.8	4.4	10.3	17	0.2	0.5	0.2	67	0.20	0.052
1067887	Soil	0.8	26.0	9.1	84	<0.1	22.4	11.2	397	3.31	6.1	2.1	2.6	11.1	23	0.1	0.4	0.2	70	0.35	0.064
1067900	Soil	1.3	23.1	12.9	75	0.1	19.7	8.5	247	2.95	7.7	3.0	3.6	15.7	25	0.1	0.5	0.2	58	0.31	0.045
1067921	Soil	0.8	39.6	26.7	102	<0.1	49.3	22.7	768	4.35	6.3	0.8	<0.5	5.4	19	0.2	0.3	0.2	106	0.36	0.090
1067925	Soil	2.7	25.9	228.9	248	1.7	19.1	9.5	381	3.51	13.5	4.2	7.7	11.9	29	1.1	1.1	0.2	55	0.21	0.046
1067931	Soil	1.2	29.3	42.8	101	<0.1	27.1	13.5	474	3.67	10.2	1.3	0.9	11.1	24	0.1	0.6	0.2	77	0.28	0.044
1067938	Soil	7.0	41.2	165.0	229	<0.1	18.2	9.4	1114	3.55	16.4	3.1	7.5	26.0	34	0.7	6.8	0.3	68	0.20	0.038
1067936	Soil	2.2	14.7	18.5	46	<0.1	11.0	6.1	261	2.88	7.6	0.7	<0.5	4.6	14	0.2	0.5	0.4	100	0.16	0.047
1067926	Soil	5.2	38.9	224.9	357	0.3	18.1	11.8	1333	4.27	11.9	11.7	16.1	32.5	46	1.2	1.2	0.7	62	0.23	0.057
1067941	Soil	4.5	17.5	36.3	107	<0.1	15.2	7.9	435	2.88	9.0	1.3	2.2	5.0	23	0.3	0.9	0.3	83	0.19	0.046
1067935	Soil	3.3	27.2	131.5	274	0.1	25.3	17.7	1199	5.02	17.7	2.1	2.0	15.5	19	0.8	1.0	0.7	84	0.21	0.052
1067913	Soil	1.1	32.6	64.4	325	<0.1	30.6	21.5	806	5.28	4.7	1.0	0.6	6.6	18	0.5	0.8	0.3	113	0.29	0.077
1067929	Soil	1.4	45.5	20.2	77	<0.1	30.3	14.8	511	4.03	10.3	2.4	3.8	16.5	34	0.1	0.6	0.3	101	0.33	0.043
1067932	Soil	1.9	45.6	46.5	133	0.1	29.7	14.5	736	4.37	11.2	3.1	3.5	21.8	31	0.2	0.7	0.3	84	0.32	0.070
1067939	Soil	2.6	29.8	218.8	191	0.2	19.4	9.1	605	2.91	13.9	3.3	6.2	16.2	39	0.4	2.8	0.2	72	0.28	0.045
1067933	Soil	1.0	23.1	15.6	80	<0.1	21.3	11.1	386	4.31	11.0	0.6	0.9	4.4	20	0.1	0.5	0.2	94	0.26	0.052
1067928	Soil	2.0	35.3	39.9	124	<0.1	27.6	15.0	693	4.19	7.9	2.4	3.0	19.3	36	0.2	0.8	0.7	90	0.35	0.055
1067930	Soil	1.4	42.0	24.1	65	0.2	41.5	18.0	893	3.85	2.6	2.2	36.9	11.5	47	0.2	0.3	0.3	47	2.59	0.099
1067934	Soil	1.0	29.7	19.4	113	<0.1	32.3	19.1	932	4.71	6.5	1.9	3.1	11.8	27	0.3	0.4	1.1	112	0.48	0.105
1067940	Soil	1.8	22.8	48.7	117	<0.1	19.9	8.2	536	2.73	10.6	1.8	4.0	6.2	29	0.4	0.8	0.2	67	0.26	0.057

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1067901	Soil		42	31	0.45	277	0.089	<1	1.56	0.015	0.07	0.5	0.04	5.0	0.1	<0.05	5	<0.5	<0.2
1067918	Soil		51	77	1.16	633	0.153	1	2.48	0.014	0.67	1.2	0.03	16.3	0.7	<0.05	9	0.8	<0.2
1067892	Soil		27	34	0.63	251	0.107	2	2.02	0.014	0.09	0.2	0.04	4.5	0.1	<0.05	7	<0.5	<0.2
1067882	Soil		32	42	0.80	232	0.125	2	2.26	0.015	0.18	0.2	0.03	4.6	0.2	<0.05	8	<0.5	<0.2
1067886	Soil		42	42	1.02	299	0.176	1	2.11	0.018	0.38	0.3	0.02	5.9	0.3	<0.05	10	0.5	<0.2
1067927	Soil		46	37	0.54	773	0.055	<1	2.42	0.015	0.10	0.1	0.06	6.8	0.5	<0.05	7	0.6	<0.2
1067879	Soil		17	32	0.51	487	0.099	1	2.16	0.011	0.12	0.2	0.02	3.3	0.2	<0.05	8	0.6	<0.2
1067894	Soil		14	43	0.79	256	0.096	<1	2.33	0.012	0.11	1.3	0.02	4.4	0.2	<0.05	8	<0.5	<0.2
1067895	Soil		31	46	1.51	535	0.195	<1	2.82	0.022	0.56	4.8	0.02	8.8	0.4	<0.05	10	0.6	<0.2
1067920	Soil		26	42	0.92	287	0.128	2	2.24	0.014	0.26	0.6	0.03	6.3	0.3	<0.05	7	<0.5	<0.2
1067880	Soil		17	33	0.69	166	0.111	1	2.61	0.015	0.13	0.2	0.03	3.7	0.1	<0.05	8	<0.5	<0.2
1067887	Soil		41	40	0.88	312	0.149	<1	1.95	0.019	0.17	0.2	0.02	5.7	0.2	<0.05	9	0.7	<0.2
1067900	Soil		38	33	0.51	300	0.090	1	2.14	0.013	0.08	0.5	0.04	5.5	0.1	<0.05	7	<0.5	<0.2
1067921	Soil		15	117	1.55	258	0.187	1	2.65	0.018	0.44	0.2	0.01	6.2	0.4	<0.05	10	<0.5	<0.2
1067925	Soil		45	31	0.55	720	0.061	<1	1.88	0.015	0.10	0.1	0.02	3.8	0.2	0.07	5	<0.5	<0.2
1067931	Soil		41	45	0.77	312	0.102	1	2.38	0.014	0.12	0.1	0.05	6.5	0.2	<0.05	9	<0.5	<0.2
1067938	Soil		103	26	0.37	1404	0.049	3	1.78	0.014	0.07	0.3	0.05	7.7	0.2	0.07	5	<0.5	<0.2
1067936	Soil		14	22	0.32	231	0.118	2	1.43	0.018	0.09	0.2	0.02	3.0	0.1	0.05	10	0.6	<0.2
1067926	Soil		171	26	0.45	835	0.071	2	1.86	0.016	0.08	0.2	0.04	6.4	0.2	<0.05	5	1.0	<0.2
1067941	Soil		39	29	0.50	318	0.100	2	1.68	0.019	0.10	0.2	0.03	4.1	0.2	<0.05	8	0.6	<0.2
1067935	Soil		26	47	0.70	570	0.124	2	2.45	0.021	0.30	0.3	0.03	6.3	0.4	<0.05	10	0.6	<0.2
1067913	Soil		18	59	1.39	207	0.234	2	3.09	0.018	0.60	0.1	0.02	6.2	0.5	<0.05	11	<0.5	<0.2
1067929	Soil		93	50	0.84	383	0.114	1	2.89	0.019	0.08	0.2	0.06	11.3	0.2	<0.05	9	1.1	<0.2
1067932	Soil		180	40	0.71	492	0.102	1	2.37	0.017	0.16	0.3	0.07	11.0	0.3	<0.05	9	2.6	<0.2
1067939	Soil		49	29	0.48	837	0.075	4	1.49	0.016	0.06	0.2	0.04	5.3	0.3	<0.05	5	<0.5	<0.2
1067933	Soil		11	43	0.79	153	0.160	2	2.09	0.016	0.13	0.2	0.02	4.4	0.1	<0.05	10	0.5	<0.2
1067928	Soil		94	47	0.83	635	0.081	1	2.46	0.021	0.12	0.3	0.04	11.4	0.3	<0.05	8	1.3	<0.2
1067930	Soil		26	18	0.78	597	0.005	3	1.24	0.013	0.23	0.2	0.02	12.2	0.3	<0.05	3	<0.5	<0.2
1067934	Soil		53	62	1.18	846	0.171	1	2.44	0.029	0.54	0.5	<0.01	9.8	0.5	<0.05	11	0.8	0.4
1067940	Soil		39	28	0.46	616	0.063	1	1.75	0.015	0.06	0.1	0.03	3.9	0.2	<0.05	5	0.9	<0.2

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

Project: ECH
Report Date: July 12, 2011

CERTIFICATE OF ANALYSIS WHI11000367.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1067897	Soil	1.5	22.8	19.9	86	<0.1	26.6	12.7	335	3.58	5.6	1.6	2.2	13.5	24	0.2	0.4	0.3	83	0.25	0.036
1067904	Soil	1.3	23.3	22.0	85	0.1	20.0	10.0	288	3.07	7.5	2.8	3.5	10.9	27	0.2	0.5	0.2	66	0.29	0.060
1067906	Soil	1.9	26.7	21.0	103	0.1	19.2	14.5	679	3.17	8.7	4.0	1.7	12.1	26	0.2	0.5	0.3	71	0.24	0.065
1067902	Soil	1.6	28.9	18.9	81	0.1	21.4	9.1	305	3.05	8.2	2.9	2.2	14.4	30	0.2	0.5	0.3	65	0.30	0.055
1067903	Soil	1.3	22.8	18.6	79	0.1	17.7	8.9	327	2.67	8.0	2.0	3.2	7.7	27	0.3	0.5	0.3	69	0.26	0.055
1067893	Soil	1.1	24.6	13.3	85	0.1	22.1	10.5	255	3.16	8.1	2.4	1.8	10.4	27	0.2	0.5	0.3	76	0.30	0.064
1067899	Soil	1.8	23.6	19.0	87	<0.1	20.5	10.1	354	3.26	7.9	3.4	1.3	21.9	27	0.2	0.5	0.3	73	0.29	0.049
1067878	Soil	2.1	15.1	29.6	68	<0.1	16.1	6.7	183	3.11	8.5	1.0	3.5	10.7	15	0.4	0.5	0.3	72	0.12	0.024
1067889	Soil	1.2	26.4	17.6	81	<0.1	21.5	13.3	446	3.66	6.8	2.0	0.8	10.7	25	0.2	0.4	0.3	84	0.31	0.064
1067890	Soil	1.0	26.2	10.2	81	<0.1	21.1	10.7	350	3.22	5.5	1.9	1.1	12.2	25	0.1	0.4	0.2	73	0.31	0.065
1067896	Soil	0.8	42.5	15.4	96	<0.1	46.3	28.5	850	4.89	4.7	2.7	1.3	9.4	35	0.1	0.3	0.2	112	0.67	0.101
1067881	Soil	1.1	12.1	7.9	27	<0.1	9.3	2.4	97	1.14	2.1	0.5	0.5	0.2	11	0.1	0.2	0.2	38	0.11	0.037
1067885	Soil	1.1	28.0	13.6	86	<0.1	22.7	12.1	467	3.76	6.7	2.1	1.6	9.3	23	<0.1	0.4	0.2	83	0.27	0.061
1067891	Soil	1.2	26.2	12.5	85	0.1	22.6	11.1	311	3.40	7.3	2.3	3.4	13.9	26	0.1	0.5	0.3	73	0.32	0.056
1067883	Soil	1.4	26.3	13.5	105	<0.1	24.4	18.3	670	5.52	8.0	1.4	2.0	11.6	13	0.2	0.5	0.3	117	0.22	0.059
1067905	Soil	2.1	30.8	21.6	118	0.2	21.4	11.2	493	3.40	6.9	4.8	1.8	12.0	27	0.2	0.4	0.3	69	0.28	0.055
1069139	Soil	0.8	45.0	13.0	71	<0.1	37.4	15.0	498	3.53	8.8	2.5	2.5	6.8	29	0.1	0.4	0.2	82	0.42	0.076
1069110	Soil	1.1	36.9	13.2	106	<0.1	38.9	22.6	804	5.54	5.1	1.2	<0.5	9.7	31	<0.1	0.2	0.2	118	0.48	0.094
1069115	Soil	0.9	32.6	13.1	78	<0.1	29.8	14.8	582	3.60	8.9	1.1	1.8	4.7	35	0.2	0.5	0.2	86	0.53	0.104
1069109	Soil	1.5	29.0	14.7	77	<0.1	30.3	16.5	629	4.45	8.7	0.8	1.3	7.6	16	0.2	0.4	0.3	100	0.21	0.051
1069107	Soil	1.3	29.1	17.6	84	<0.1	29.9	14.5	662	3.75	8.8	1.1	2.2	13.3	24	0.1	0.5	0.3	80	0.29	0.064
1069127	Soil	1.4	21.2	13.7	70	<0.1	27.6	12.5	434	3.24	7.6	1.4	1.6	11.5	25	0.1	0.5	0.2	73	0.37	0.056
1069114	Soil	0.8	21.4	10.2	53	<0.1	25.2	13.5	280	3.30	7.1	0.6	2.4	4.0	12	0.1	0.5	0.2	80	0.14	0.035
1069119	Soil	1.4	21.2	10.4	65	<0.1	28.7	18.0	551	4.00	7.9	1.2	2.8	14.0	14	0.2	0.5	0.2	83	0.22	0.057
1069126	Soil	1.5	21.2	12.4	64	<0.1	21.5	11.1	394	3.59	7.4	1.3	1.7	11.7	17	0.1	0.5	0.3	81	0.24	0.047
1069124	Soil	1.7	21.6	11.7	62	<0.1	22.9	9.9	275	3.73	9.4	1.0	3.4	11.0	17	0.1	0.4	0.3	81	0.16	0.034
1069111	Soil	1.3	29.6	14.1	91	<0.1	38.2	19.6	621	4.85	8.4	1.0	1.5	9.9	19	<0.1	0.4	0.3	105	0.23	0.053
1069128	Soil	1.4	21.2	13.7	72	<0.1	27.5	12.3	455	3.32	7.8	1.5	3.9	12.7	26	0.1	0.5	0.2	77	0.38	0.056
1069136	Soil	3.0	25.8	28.7	135	<0.1	33.5	19.3	1698	4.52	3.8	2.6	1.4	24.2	31	0.2	0.4	0.4	93	0.45	0.094
1069120	Soil	1.8	23.8	7.2	79	<0.1	40.1	19.6	650	4.56	6.0	0.8	1.1	6.5	16	0.1	0.5	0.2	96	0.26	0.065

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Project: ECH
Report Date: July 12, 2011

CERTIFICATE OF ANALYSIS WHI11000367.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1067897	Soil		46	38	0.61	249	0.126	1	2.70	0.021	0.09	1.5	0.01	4.7	0.2	<0.05	8	<0.5	<0.2
1067904	Soil		30	32	0.47	273	0.067	1	2.02	0.016	0.07	0.4	0.05	4.7	0.1	<0.05	6	0.5	<0.2
1067906	Soil		40	30	0.46	307	0.072	1	1.97	0.015	0.08	0.5	0.05	5.5	0.2	<0.05	7	0.8	<0.2
1067902	Soil		46	33	0.46	333	0.090	1	2.04	0.018	0.07	0.5	0.04	5.7	0.1	<0.05	6	0.5	<0.2
1067903	Soil		29	29	0.42	253	0.079	<1	1.83	0.016	0.07	0.4	0.04	4.3	0.1	<0.05	6	<0.5	<0.2
1067893	Soil		40	38	0.61	333	0.103	2	2.36	0.017	0.09	0.2	0.04	5.6	0.2	<0.05	7	<0.5	<0.2
1067899	Soil		47	35	0.52	289	0.111	1	2.17	0.017	0.10	0.7	0.04	5.5	0.2	<0.05	7	0.6	<0.2
1067878	Soil		23	33	0.39	168	0.080	1	2.41	0.011	0.06	0.3	0.03	3.6	0.2	<0.05	8	<0.5	<0.2
1067889	Soil		31	39	0.78	295	0.165	3	2.44	0.023	0.21	0.2	0.02	5.4	0.2	<0.05	10	0.8	<0.2
1067890	Soil		36	38	0.80	312	0.145	1	2.07	0.023	0.15	0.2	0.02	5.4	0.2	<0.05	8	<0.5	<0.2
1067896	Soil		36	48	1.46	507	0.225	<1	2.98	0.031	0.53	5.4	0.02	10.2	0.4	<0.05	10	<0.5	<0.2
1067881	Soil		7	18	0.12	85	0.045	<1	0.71	0.019	0.06	<0.1	0.02	0.8	<0.1	<0.05	5	<0.5	<0.2
1067885	Soil		31	37	0.78	270	0.132	1	2.18	0.019	0.15	0.2	0.02	5.5	0.2	<0.05	10	0.6	<0.2
1067891	Soil		43	40	0.69	342	0.135	1	2.15	0.020	0.12	0.2	0.04	5.9	0.2	<0.05	8	<0.5	<0.2
1067883	Soil		15	53	1.03	175	0.188	2	2.86	0.017	0.32	0.3	0.03	6.5	0.3	<0.05	12	0.6	<0.2
1067905	Soil		50	38	0.50	333	0.075	1	2.35	0.020	0.11	0.7	0.06	6.6	0.2	<0.05	7	0.6	<0.2
1069139	Soil		30	58	1.00	329	0.137	3	2.50	0.020	0.14	0.2	0.03	7.2	0.2	<0.05	7	<0.5	<0.2
1069110	Soil		31	77	1.64	315	0.270	2	3.40	0.020	0.60	0.1	0.02	7.2	0.5	<0.05	12	<0.5	<0.2
1069115	Soil		21	44	0.92	327	0.148	2	2.05	0.025	0.23	0.2	0.03	6.1	0.2	<0.05	7	<0.5	<0.2
1069109	Soil		14	59	0.92	151	0.169	1	2.68	0.013	0.17	0.2	0.02	4.9	0.2	<0.05	11	<0.5	<0.2
1069107	Soil		20	48	0.90	279	0.110	3	2.88	0.017	0.14	0.2	0.02	6.5	0.3	<0.05	8	<0.5	<0.2
1069127	Soil		35	43	0.67	240	0.090	3	1.99	0.015	0.08	0.2	0.03	4.4	0.2	<0.05	7	<0.5	<0.2
1069114	Soil		9	41	0.73	109	0.157	2	2.54	0.013	0.13	0.2	0.03	3.1	0.2	<0.05	7	<0.5	<0.2
1069119	Soil		17	46	0.83	172	0.133	3	2.78	0.013	0.16	0.2	0.02	5.4	0.2	<0.05	9	0.8	<0.2
1069126	Soil		44	38	0.66	194	0.090	1	2.20	0.013	0.07	0.3	0.02	4.3	0.2	<0.05	10	0.7	<0.2
1069124	Soil		30	38	0.60	226	0.090	2	2.68	0.011	0.07	0.2	0.02	3.4	0.1	<0.05	10	0.5	<0.2
1069111	Soil		15	73	1.17	215	0.209	2	4.28	0.013	0.27	0.2	0.03	5.2	0.4	<0.05	12	1.0	<0.2
1069128	Soil		41	44	0.69	244	0.101	2	2.07	0.017	0.09	0.2	0.02	5.2	0.2	<0.05	7	0.7	<0.2
1069136	Soil		108	60	1.40	752	0.124	<1	2.40	0.014	0.25	0.2	0.02	7.7	0.6	<0.05	12	1.0	<0.2
1069120	Soil		13	73	1.01	198	0.109	2	2.52	0.013	0.30	0.1	0.02	8.0	0.4	<0.05	8	0.6	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1069118	Soil		0.9	22.1	10.4	63	<0.1	27.2	14.0	441	3.42	8.6	0.9	<0.5	6.9	20	<0.1	0.4	0.3	73	0.29	0.063
1069123	Soil		1.7	22.2	12.3	75	<0.1	23.0	11.9	470	3.48	6.8	0.9	3.3	8.1	19	0.2	0.3	0.3	85	0.31	0.061
1069121	Soil		2.1	26.7	10.4	67	<0.1	27.9	14.9	418	4.10	8.3	1.4	9.6	15.0	15	<0.1	0.5	0.3	80	0.18	0.039
1069113	Soil		0.9	26.8	11.0	74	<0.1	29.1	13.4	459	3.38	9.3	0.8	3.4	6.4	25	0.1	0.6	0.2	76	0.27	0.040
1069133	Soil		1.3	26.2	10.2	57	<0.1	22.5	10.9	444	3.05	7.0	2.0	5.4	10.7	26	0.1	0.5	0.2	72	0.38	0.082
1068516	Soil		1.0	36.3	30.7	172	<0.1	41.9	32.6	1556	6.94	2.8	3.1	1.4	31.6	21	0.7	1.8	0.4	125	0.48	0.116
1069106	Soil		1.8	22.8	19.3	93	<0.1	33.9	20.8	1256	4.66	4.9	1.5	1.2	13.4	20	0.2	0.4	0.3	96	0.37	0.101
1069117	Soil		1.1	21.8	10.3	62	<0.1	25.5	12.0	376	3.44	8.7	0.9	4.4	6.8	20	0.1	0.5	0.2	73	0.28	0.063
1069132	Soil		1.9	24.0	10.8	76	<0.1	25.0	11.7	460	3.40	10.4	3.4	3.8	11.7	28	0.2	0.6	0.2	75	0.34	0.054
1068501	Soil		1.0	25.4	10.6	72	<0.1	32.3	13.4	498	3.26	10.8	1.0	1.5	12.6	21	0.2	0.7	0.2	68	0.27	0.053
1069125	Soil		1.2	21.9	7.7	65	<0.1	21.6	10.2	429	2.93	4.7	1.6	0.7	13.3	23	<0.1	0.3	0.2	64	0.43	0.076
1069140	Soil		1.1	15.1	10.7	81	<0.1	30.3	23.1	696	6.03	3.5	0.7	0.5	5.4	16	0.1	0.2	0.7	120	0.44	0.092
1069130	Soil		1.5	18.9	10.2	71	<0.1	26.6	10.8	429	3.08	6.0	2.9	1.1	16.6	22	0.1	0.4	0.2	64	0.33	0.063
1069129	Soil		1.5	17.9	10.7	71	<0.1	20.7	9.6	424	2.89	5.8	2.7	1.3	12.3	23	0.1	0.4	0.2	60	0.35	0.062
1069108	Soil		1.1	35.5	14.1	68	<0.1	30.9	12.4	707	3.34	8.6	1.8	3.6	6.9	35	<0.1	0.6	0.2	73	0.41	0.067
1069138	Soil		3.5	17.1	46.6	162	<0.1	20.4	11.6	1653	3.68	5.7	1.7	0.7	8.3	17	0.2	1.0	0.3	79	0.22	0.069
1069137	Soil		1.4	17.4	20.6	66	<0.1	19.7	8.6	573	2.95	8.2	1.6	2.5	8.0	20	0.2	0.5	0.2	63	0.20	0.056
1069131	Soil		3.7	20.7	32.3	158	<0.1	26.1	8.9	1034	3.04	17.7	5.0	1.7	14.2	28	0.5	0.8	0.2	55	0.36	0.087
1067946	Soil		1.2	20.6	19.4	103	<0.1	28.8	20.1	1309	4.94	5.4	1.9	1.0	10.3	24	0.2	0.3	0.2	88	0.35	0.089
1067950	Soil		3.9	123.5	12.0	241	<0.1	100.6	39.4	2043	8.91	1.7	2.7	<0.5	23.5	29	0.2	<0.1	1.0	202	0.90	0.298
1067948	Soil		1.5	31.0	36.2	97	<0.1	39.9	19.6	573	5.26	3.8	0.7	<0.5	3.3	13	0.2	0.2	0.2	127	0.37	0.082
1068507	Soil		1.0	23.1	11.3	68	<0.1	29.8	14.3	437	3.87	7.2	1.0	2.6	7.2	20	0.1	0.4	0.2	82	0.28	0.057
1068513	Soil		1.0	47.0	10.1	76	<0.1	38.2	22.8	514	5.29	6.9	0.6	0.7	4.7	14	0.2	0.3	0.2	128	0.28	0.038
1068518	Soil		1.0	15.9	13.3	80	<0.1	25.0	14.8	610	4.14	6.0	1.0	1.3	9.3	16	0.1	0.4	0.2	89	0.26	0.064
1068505	Soil		1.3	28.5	10.1	122	<0.1	31.5	16.8	729	4.42	7.4	3.2	5.8	62.0	17	0.2	0.6	0.3	90	0.19	0.025
1068504	Soil		1.7	25.3	12.0	95	<0.1	47.9	19.7	586	5.11	7.7	1.7	0.7	17.9	15	<0.1	0.5	2.3	117	0.20	0.031
1068517	Soil		1.4	17.3	13.3	74	<0.1	22.5	18.1	1296	4.43	4.7	1.3	1.7	5.7	14	0.2	0.6	0.3	84	0.25	0.061
1068529	Soil		1.7	43.7	24.7	270	<0.1	53.5	28.3	1777	6.33	3.4	1.4	1.8	8.5	27	0.3	0.4	0.3	122	0.58	0.156
1068528	Soil		1.5	41.3	24.7	268	<0.1	52.4	27.6	1753	6.26	3.6	1.4	3.3	8.4	27	0.2	0.4	0.3	120	0.52	0.161
1067947	Soil		1.5	15.0	18.0	100	<0.1	118.2	31.7	1055	7.62	4.0	2.0	1.5	7.5	20	0.2	0.2	0.3	135	0.42	0.141

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Project: ECH
Report Date: July 12, 2011

CERTIFICATE OF ANALYSIS WHI11000367.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1069118	Soil	18	40	0.77	235	0.122	2	2.29	0.012	0.14	0.1	0.04	4.8	0.2	<0.05	8	<0.5	<0.2
1069123	Soil	40	40	0.79	211	0.123	1	2.08	0.014	0.13	0.2	0.02	3.9	0.2	<0.05	10	<0.5	<0.2
1069121	Soil	32	46	0.69	232	0.094	2	2.60	0.012	0.12	0.2	0.05	6.2	0.2	<0.05	8	0.9	<0.2
1069113	Soil	18	40	0.80	264	0.126	<1	2.34	0.013	0.13	0.1	0.02	5.3	0.2	<0.05	7	0.5	<0.2
1069133	Soil	41	34	0.61	354	0.094	1	1.78	0.017	0.14	0.2	0.03	5.4	0.2	<0.05	7	0.5	<0.2
1068516	Soil	78	60	0.86	396	0.041	2	2.15	0.012	0.34	<0.1	0.02	18.4	1.0	<0.05	10	0.8	<0.2
1069106	Soil	40	68	1.29	426	0.151	1	2.68	0.016	0.26	0.2	0.02	6.2	0.5	<0.05	12	<0.5	<0.2
1069117	Soil	17	38	0.73	237	0.109	2	2.31	0.013	0.12	0.2	0.04	5.0	0.2	<0.05	8	0.8	<0.2
1069132	Soil	42	41	0.65	290	0.093	1	1.91	0.016	0.11	0.2	0.02	6.9	0.2	<0.05	7	0.8	<0.2
1068501	Soil	18	40	0.75	224	0.105	3	2.10	0.015	0.12	0.1	0.04	4.2	0.2	<0.05	6	<0.5	<0.2
1069125	Soil	82	37	0.84	211	0.103	1	1.54	0.017	0.16	0.3	0.01	4.6	0.1	<0.05	8	0.9	<0.2
1069140	Soil	11	65	2.06	255	0.268	2	3.04	0.017	0.57	0.1	0.03	8.8	0.3	<0.05	17	<0.5	<0.2
1069130	Soil	45	52	0.65	202	0.096	1	1.73	0.018	0.12	0.2	0.03	4.8	0.2	<0.05	7	0.6	<0.2
1069129	Soil	50	34	0.57	217	0.083	2	1.54	0.016	0.11	0.2	0.03	4.9	0.2	<0.05	6	0.8	<0.2
1069108	Soil	34	46	0.73	536	0.092	2	2.02	0.019	0.09	0.2	0.06	6.5	0.2	<0.05	7	0.7	<0.2
1069138	Soil	19	41	0.48	448	0.073	3	1.36	0.015	0.19	0.1	0.03	4.6	0.5	<0.05	8	<0.5	<0.2
1069137	Soil	29	34	0.49	493	0.052	1	2.41	0.011	0.09	0.2	0.04	4.7	0.4	<0.05	7	0.5	<0.2
1069131	Soil	56	30	0.47	407	0.061	1	1.21	0.021	0.12	0.3	0.02	5.2	0.2	<0.05	4	<0.5	<0.2
1067946	Soil	37	45	1.28	439	0.209	1	2.90	0.013	0.60	0.1	0.02	6.6	0.8	<0.05	11	0.7	<0.2
1067950	Soil	48	133	3.07	1901	0.285	1	4.22	0.022	1.61	0.4	<0.01	14.1	1.2	<0.05	19	0.8	<0.2
1067948	Soil	8	86	1.60	285	0.283	1	2.55	0.031	0.32	0.2	0.02	4.9	0.2	<0.05	14	<0.5	<0.2
1068507	Soil	17	54	1.04	214	0.155	1	2.77	0.012	0.12	0.2	0.03	4.4	0.2	<0.05	9	<0.5	<0.2
1068513	Soil	10	70	1.64	190	0.285	<1	3.15	0.023	0.35	0.1	0.04	5.0	0.3	<0.05	12	<0.5	<0.2
1068518	Soil	21	47	0.97	164	0.121	<1	2.26	0.012	0.26	0.1	0.02	5.9	0.4	<0.05	11	<0.5	<0.2
1068505	Soil	87	53	1.37	294	0.154	2	2.68	0.012	0.35	0.1	0.02	6.5	0.4	<0.05	13	0.6	<0.2
1068504	Soil	19	92	1.75	215	0.215	<1	2.87	0.012	0.36	0.2	0.02	5.6	0.3	<0.05	15	0.7	<0.2
1068517	Soil	20	46	0.56	138	0.018	4	2.19	0.008	0.09	0.1	0.03	6.1	0.5	<0.05	9	<0.5	<0.2
1068529	Soil	25	100	1.70	594	0.218	3	2.78	0.013	0.89	0.1	0.02	10.5	0.6	<0.05	12	0.6	<0.2
1068528	Soil	23	98	1.74	599	0.217	3	2.81	0.012	0.83	0.1	0.03	10.2	0.6	<0.05	11	0.8	<0.2
1067947	Soil	23	325	2.61	342	0.272	4	3.93	0.012	0.91	0.2	0.04	7.3	0.8	<0.05	19	<0.5	<0.2

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600 - 666 Burrard St.
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Project: ECH
Report Date: July 12, 2011

CERTIFICATE OF ANALYSIS WHI11000367.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1068509	Soil	1.1	25.2	11.7	120	<0.1	50.4	37.9	1841	7.26	3.2	0.6	1.8	2.6	16	0.2	0.2	0.1	131	0.77	0.322
1068515	Soil	2.4	54.7	13.5	162	<0.1	48.6	32.1	1175	7.42	3.3	3.7	1.5	23.8	18	0.4	1.4	0.7	113	0.57	0.171
1068519	Soil	0.8	25.3	11.6	67	<0.1	29.1	14.6	508	3.72	6.6	1.0	2.6	8.7	19	0.1	0.4	0.2	82	0.32	0.056
1068503	Soil	0.8	49.8	14.2	121	<0.1	49.5	26.3	941	6.47	3.2	2.4	0.7	23.9	7	<0.1	0.2	0.6	149	0.45	0.217
1068523	Soil	1.3	42.1	285.0	764	<0.1	40.4	25.8	2364	6.92	4.7	1.8	1.6	13.8	22	1.2	1.6	0.6	99	0.50	0.151
1068506	Soil	1.4	27.1	12.4	62	<0.1	26.9	12.4	473	3.74	8.1	0.8	1.8	4.0	13	0.1	0.6	0.2	88	0.17	0.041
1068521	Soil	0.8	22.5	16.0	130	<0.1	29.2	14.6	764	4.09	5.5	1.5	1.4	9.7	23	0.1	0.4	0.3	83	0.46	0.080
1068510	Soil	0.9	22.3	14.3	104	<0.1	39.1	26.6	950	5.74	4.7	0.9	0.5	6.5	13	0.2	0.3	0.4	113	0.24	0.072
1068502	Soil	4.1	14.1	36.0	72	<0.1	8.7	7.4	2287	2.18	2.6	3.3	<0.5	28.9	55	0.3	0.1	0.4	38	0.30	0.070
1068527	Soil	1.2	25.7	32.9	164	<0.1	30.3	15.8	695	4.31	7.9	0.9	1.6	7.1	15	0.2	0.6	0.3	87	0.24	0.060
1068522	Soil	1.1	26.2	37.0	245	<0.1	29.2	17.8	1330	4.52	6.5	1.4	2.2	10.5	21	0.3	0.6	0.2	81	0.32	0.096
1068512	Soil	1.0	19.2	11.7	55	<0.1	26.1	16.2	651	3.77	4.3	1.2	1.3	9.1	14	0.2	0.3	0.2	91	0.31	0.081
1068508	Soil	1.6	41.0	22.5	166	<0.1	34.0	45.3	2163	9.17	0.9	2.0	1.1	9.0	18	0.5	1.3	0.2	146	0.37	0.149
1068511	Soil	1.2	22.2	12.9	55	<0.1	24.8	14.4	436	4.36	8.4	1.3	2.8	13.5	16	0.1	0.6	0.2	94	0.21	0.055
1068514	Soil	0.6	24.4	7.5	99	<0.1	50.0	24.8	1064	5.01	3.2	1.7	2.2	17.6	24	0.1	0.2	0.3	112	0.55	0.116
1068520	Soil	1.1	26.4	12.9	78	<0.1	35.1	19.7	626	5.08	6.8	0.9	1.3	10.2	16	0.1	0.4	0.3	114	0.27	0.050
1067949	Soil	2.0	48.9	12.4	268	<0.1	58.9	30.1	1154	7.67	3.3	3.2	1.4	66.1	8	0.2	0.2	0.6	157	0.11	0.041
1068526	Soil	1.2	24.2	34.4	160	<0.1	29.2	15.3	669	4.46	7.9	0.9	1.8	6.8	15	0.2	0.6	0.3	91	0.23	0.054
1068524	Soil	1.2	26.7	72.5	302	<0.1	29.6	16.1	1126	4.75	6.0	1.3	1.6	9.9	20	0.3	0.8	0.3	87	0.33	0.076
1068525	Soil	1.2	29.2	48.6	283	<0.1	31.0	16.0	999	4.32	8.1	1.1	1.4	8.9	17	0.3	0.7	0.3	84	0.24	0.052

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1068509	Soil	7	90	2.14	390	0.297	3	3.56	0.015	1.41	0.1	0.02	5.9	0.8	<0.05	11	<0.5	<0.2
1068515	Soil	54	81	0.97	248	0.042	3	2.37	0.008	0.30	<0.1	0.02	13.0	1.0	<0.05	11	0.7	<0.2
1068519	Soil	23	50	0.96	246	0.114	2	2.21	0.011	0.21	0.1	0.03	5.8	0.2	<0.05	8	<0.5	<0.2
1068503	Soil	50	84	2.49	230	0.218	4	4.00	0.012	0.91	0.2	0.03	8.7	0.5	<0.05	21	0.5	<0.2
1068523	Soil	38	63	1.06	504	0.135	2	2.04	0.010	0.62	0.1	0.04	13.5	0.8	<0.05	8	<0.5	<0.2
1068506	Soil	12	42	0.68	162	0.095	3	2.22	0.011	0.09	0.1	0.05	3.4	0.1	<0.05	9	0.6	<0.2
1068521	Soil	27	57	0.98	250	0.118	2	2.10	0.012	0.26	0.1	0.03	8.2	0.2	<0.05	7	<0.5	<0.2
1068510	Soil	17	64	1.75	234	0.220	2	3.49	0.008	0.74	0.1	0.03	6.3	0.8	<0.05	12	<0.5	<0.2
1068502	Soil	299	12	0.19	2075	0.003	2	1.02	0.006	0.22	0.7	0.02	7.0	0.5	<0.05	4	0.5	<0.2
1068527	Soil	19	56	1.00	236	0.103	2	2.69	0.014	0.24	0.1	0.03	5.8	0.3	<0.05	9	<0.5	<0.2
1068522	Soil	29	49	0.78	308	0.084	2	2.20	0.011	0.25	0.1	0.03	8.0	0.4	<0.05	8	0.6	<0.2
1068512	Soil	20	51	0.92	180	0.123	1	2.17	0.017	0.27	0.1	0.03	5.0	0.3	<0.05	10	<0.5	<0.2
1068508	Soil	20	48	0.78	235	0.036	3	2.90	0.008	0.36	<0.1	0.05	16.7	1.0	<0.05	11	0.6	<0.2
1068511	Soil	15	47	0.76	180	0.129	2	2.71	0.013	0.15	0.2	0.05	4.7	0.2	<0.05	9	<0.5	<0.2
1068514	Soil	70	83	1.92	403	0.184	<1	2.45	0.020	0.57	0.1	0.02	8.2	0.4	<0.05	13	0.7	<0.2
1068520	Soil	17	68	1.28	218	0.160	3	3.01	0.010	0.26	0.1	0.03	6.8	0.3	<0.05	12	<0.5	<0.2
1067949	Soil	50	121	3.44	982	0.342	2	4.82	0.014	1.31	0.6	0.02	14.5	0.8	<0.05	27	0.7	<0.2
1068526	Soil	18	56	0.93	216	0.110	2	2.72	0.009	0.21	0.1	0.03	5.8	0.3	<0.05	9	0.5	<0.2
1068524	Soil	28	52	0.90	334	0.095	1	2.30	0.010	0.28	0.1	0.03	8.0	0.5	<0.05	8	0.6	<0.2
1068525	Soil	27	53	0.86	300	0.091	1	2.75	0.010	0.21	0.1	0.04	7.8	0.3	<0.05	8	<0.5	<0.2

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Vancouver BC V6C 1H2 Canada

Project: ECH
Report Date: July 12, 2011

QUALITY CONTROL REPORT WHI11000367.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1069116	Soil	1.0	20.0	10.8	61	<0.1	24.8	12.0	338	3.19	7.6	0.7	4.8	3.3	22	0.2	0.4	0.2	73	0.34	0.073
REP 1069116	QC	1.0	19.6	9.6	59	<0.1	24.0	12.0	347	3.10	7.5	0.8	4.5	3.3	22	<0.1	0.4	0.1	70	0.31	0.075
1069090	Soil	1.2	16.8	19.1	62	<0.1	25.5	11.0	457	2.70	5.3	1.3	2.8	12.3	20	0.1	0.4	0.1	59	0.34	0.062
REP 1069090	QC	1.2	17.6	20.0	68	<0.1	25.8	11.0	452	2.71	5.7	1.4	3.6	12.8	20	0.2	0.4	0.2	60	0.35	0.064
1069158	Soil	1.0	31.8	10.5	58	<0.1	39.9	17.9	401	3.45	7.5	0.6	6.3	4.9	13	0.2	0.5	0.2	79	0.20	0.043
REP 1069158	QC	1.1	31.2	11.0	59	<0.1	40.3	17.7	398	3.51	7.8	0.6	2.8	5.0	13	0.2	0.6	0.2	78	0.19	0.045
1069162	Soil	1.1	8.4	9.7	26	<0.1	12.5	6.3	179	2.39	2.9	0.4	1.2	2.9	9	<0.1	0.4	0.3	93	0.12	0.030
REP 1069162	QC	1.2	8.8	9.6	26	<0.1	13.0	6.5	188	2.53	3.4	0.4	3.5	3.0	9	<0.1	0.4	0.3	101	0.12	0.029
1069042	Soil	1.4	24.5	11.2	54	<0.1	22.6	11.2	363	2.92	5.5	0.9	<0.5	2.6	18	0.1	0.4	0.2	73	0.30	0.076
REP 1069042	QC	1.3	23.3	11.1	52	<0.1	22.4	10.7	345	2.82	5.1	0.8	1.9	2.5	17	<0.1	0.4	0.2	72	0.28	0.072
1067813	Soil	0.9	38.1	10.3	79	<0.1	36.4	12.2	564	3.67	6.6	2.2	1.9	10.1	14	<0.1	0.4	0.2	88	0.17	0.047
REP 1067813	QC	1.1	37.0	10.1	76	<0.1	35.5	12.0	547	3.59	6.3	2.2	2.5	9.9	14	0.1	0.4	0.2	84	0.18	0.045
1067816	Soil	1.2	34.7	11.3	59	<0.1	35.0	12.2	368	3.73	9.9	6.8	2.5	20.2	21	0.1	0.4	0.2	83	0.24	0.068
REP 1067816	QC	1.2	34.1	11.1	59	<0.1	33.6	12.7	355	3.87	9.5	6.6	3.0	20.5	20	0.1	0.4	0.3	81	0.24	0.068
1067828	Soil	2.2	50.3	20.0	182	0.1	43.4	8.4	254	3.14	4.6	2.6	0.8	11.9	27	0.4	0.4	0.3	73	0.46	0.085
REP 1067828	QC	2.2	46.8	18.9	174	0.1	40.8	8.1	244	3.01	4.4	2.4	1.2	11.2	27	0.4	0.4	0.3	69	0.45	0.084
1069010	Soil	1.5	32.5	12.9	75	<0.1	38.1	15.9	538	3.45	9.1	1.7	2.4	12.6	26	0.2	0.5	0.5	80	0.40	0.061
REP 1069010	QC	1.5	33.4	12.8	77	<0.1	38.1	16.4	558	3.55	8.9	1.7	2.2	12.7	26	0.1	0.6	0.6	81	0.41	0.061
1069023	Soil	1.2	23.3	25.5	105	0.2	25.7	14.3	601	3.14	8.2	1.6	2.3	8.4	27	0.2	0.7	0.2	71	0.48	0.096
REP 1069023	QC	1.2	25.1	26.9	107	0.2	26.3	14.4	625	3.23	8.7	1.5	2.1	8.2	27	0.2	0.7	0.2	76	0.52	0.099
1067766	Soil	0.7	16.6	12.2	72	0.1	18.0	8.0	276	2.22	6.0	1.1	2.8	3.4	28	0.2	0.5	0.2	53	0.36	0.062
REP 1067766	QC	0.7	16.5	11.8	71	0.1	17.9	8.2	269	2.11	5.6	1.1	2.3	3.5	26	0.2	0.4	0.1	50	0.35	0.062
1067923	Soil	1.3	41.7	16.9	102	<0.1	35.1	22.5	592	5.00	6.8	0.9	5.4	7.3	17	0.3	1.5	0.6	114	0.25	0.066
REP 1067923	QC	1.3	39.1	16.8	98	<0.1	33.2	21.3	573	4.89	6.2	0.9	6.8	7.3	17	0.2	1.5	0.6	112	0.26	0.069
1067880	Soil	1.1	20.0	11.2	72	<0.1	25.5	12.0	342	3.50	10.2	0.8	4.4	10.3	17	0.2	0.5	0.2	67	0.20	0.052
REP 1067880	QC	1.1	19.7	10.8	70	<0.1	25.3	11.9	344	3.45	10.0	0.8	1.4	10.3	17	0.2	0.5	0.2	66	0.22	0.052
1067913	Soil	1.1	32.6	64.4	325	<0.1	30.6	21.5	806	5.28	4.7	1.0	0.6	6.6	18	0.5	0.8	0.3	113	0.29	0.077
REP 1067913	QC	1.2	34.3	65.3	356	<0.1	33.6	22.5	908	5.66	6.0	1.0	<0.5	6.6	18	0.6	0.7	0.3	128	0.30	0.079

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Project: ECH
Report Date: July 12, 2011

QUALITY CONTROL REPORT WHI11000367.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1069116	Soil	15	40	0.77	211	0.104	1	2.14	0.013	0.16	0.2	0.03	3.8	0.1	<0.05	8	0.6	<0.2
REP 1069116	QC	15	40	0.78	204	0.100	2	2.11	0.013	0.15	0.1	0.02	3.6	0.1	<0.05	7	0.6	<0.2
1069090	Soil	30	38	0.66	174	0.089	2	1.61	0.019	0.14	0.2	0.04	3.2	0.1	<0.05	6	0.7	<0.2
REP 1069090	QC	30	38	0.68	173	0.089	2	1.61	0.019	0.14	0.2	0.04	3.5	0.1	<0.05	6	0.7	<0.2
1069158	Soil	10	60	0.84	170	0.106	<1	2.49	0.010	0.17	0.2	0.03	4.0	0.2	<0.05	7	<0.5	<0.2
REP 1069158	QC	10	58	0.87	170	0.109	2	2.46	0.010	0.18	0.2	0.03	4.0	0.2	<0.05	7	<0.5	<0.2
1069162	Soil	10	27	0.41	102	0.140	<1	1.18	0.007	0.10	<0.1	0.03	1.9	0.1	<0.05	10	<0.5	<0.2
REP 1069162	QC	10	27	0.43	106	0.149	<1	1.21	0.006	0.11	<0.1	0.04	2.0	0.2	<0.05	10	0.6	<0.2
1069042	Soil	15	40	0.67	196	0.118	<1	1.71	0.013	0.10	0.2	0.02	3.0	0.2	<0.05	7	<0.5	<0.2
REP 1069042	QC	14	38	0.64	182	0.114	1	1.66	0.012	0.10	0.1	0.01	2.8	0.2	<0.05	7	<0.5	<0.2
1067813	Soil	32	49	0.62	356	0.105	<1	2.69	0.012	0.14	0.1	0.04	6.5	0.2	<0.05	8	<0.5	<0.2
REP 1067813	QC	32	49	0.61	352	0.106	<1	2.69	0.012	0.14	0.2	0.04	6.5	0.1	<0.05	8	<0.5	<0.2
1067816	Soil	59	45	0.64	517	0.081	1	2.93	0.014	0.11	0.2	0.04	8.3	0.2	<0.05	9	1.4	<0.2
REP 1067816	QC	59	43	0.63	512	0.073	1	2.87	0.011	0.11	0.1	0.05	8.5	0.2	<0.05	9	2.1	<0.2
1067828	Soil	34	37	0.58	552	0.046	<1	1.60	0.010	0.13	0.3	0.03	5.1	0.2	<0.05	6	1.3	<0.2
REP 1067828	QC	34	35	0.58	530	0.042	<1	1.66	0.010	0.12	0.3	0.03	4.8	0.2	<0.05	6	1.2	<0.2
1069010	Soil	33	61	0.97	324	0.115	2	2.23	0.016	0.13	0.1	0.03	6.4	0.2	<0.05	8	<0.5	<0.2
REP 1069010	QC	32	63	0.99	323	0.117	2	2.25	0.015	0.14	0.2	0.03	6.8	0.2	<0.05	8	<0.5	<0.2
1069023	Soil	20	47	0.81	267	0.106	1	2.12	0.020	0.09	0.1	0.05	5.2	0.2	<0.05	8	<0.5	<0.2
REP 1069023	QC	20	48	0.85	261	0.113	1	2.13	0.021	0.09	0.2	0.05	5.6	0.2	0.05	8	<0.5	<0.2
1067766	Soil	15	29	0.52	232	0.075	2	1.71	0.019	0.07	0.3	0.03	3.2	0.1	<0.05	6	<0.5	<0.2
REP 1067766	QC	14	27	0.49	227	0.063	2	1.64	0.017	0.06	0.3	0.04	3.0	<0.1	<0.05	5	<0.5	<0.2
1067923	Soil	18	66	1.19	236	0.179	1	3.05	0.014	0.39	0.2	0.02	6.9	0.6	<0.05	10	0.6	<0.2
REP 1067923	QC	18	63	1.17	236	0.179	2	3.02	0.014	0.38	0.2	0.03	6.9	0.7	<0.05	10	<0.5	<0.2
1067880	Soil	17	33	0.69	166	0.111	1	2.61	0.015	0.13	0.2	0.03	3.7	0.1	<0.05	8	<0.5	<0.2
REP 1067880	QC	17	32	0.69	160	0.110	2	2.61	0.013	0.13	0.3	0.02	3.7	0.2	<0.05	8	<0.5	<0.2
1067913	Soil	18	59	1.39	207	0.234	2	3.09	0.018	0.60	0.1	0.02	6.2	0.5	<0.05	11	<0.5	<0.2
REP 1067913	QC	19	65	1.38	214	0.238	2	3.02	0.019	0.61	0.1	0.03	6.9	0.5	<0.05	12	<0.5	<0.2

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Report Date: July 12, 2011

QUALITY CONTROL REPORT WHI11000367.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1067890	Soil	1.0	26.2	10.2	81	<0.1	21.1	10.7	350	3.22	5.5	1.9	1.1	12.2	25	0.1	0.4	0.2	73	0.31	0.065
REP 1067890	QC	1.0	27.5	10.0	85	<0.1	22.4	11.0	347	3.24	6.2	1.9	2.6	11.8	27	0.1	0.5	0.4	75	0.32	0.063
1069106	Soil	1.8	22.8	19.3	93	<0.1	33.9	20.8	1256	4.66	4.9	1.5	1.2	13.4	20	0.2	0.4	0.3	96	0.37	0.101
REP 1069106	QC	1.9	22.8	19.4	91	<0.1	34.5	20.6	1264	4.54	4.9	1.5	0.7	13.2	20	0.2	0.3	0.3	95	0.38	0.098
1069125	Soil	1.2	21.9	7.7	65	<0.1	21.6	10.2	429	2.93	4.7	1.6	0.7	13.3	23	<0.1	0.3	0.2	64	0.43	0.076
REP 1069125	QC	1.3	20.7	8.1	63	<0.1	20.7	10.0	420	2.82	4.6	1.5	0.5	12.4	21	<0.1	0.3	0.2	62	0.41	0.071
1068506	Soil	1.4	27.1	12.4	62	<0.1	26.9	12.4	473	3.74	8.1	0.8	1.8	4.0	13	0.1	0.6	0.2	88	0.17	0.041
REP 1068506	QC	1.3	26.5	13.3	63	<0.1	25.3	12.2	482	3.65	8.2	0.8	2.4	4.0	12	0.1	0.6	0.3	87	0.16	0.041
Reference Materials																					
STD DS8	Standard	13.3	99.9	115.4	301	1.7	39.7	7.7	615	2.54	27.9	2.5	100.3	6.0	62	2.2	5.3	6.2	42	0.63	0.081
STD DS8	Standard	13.6	107.6	126.3	332	1.9	42.3	8.4	616	2.54	29.4	2.5	110.7	6.1	65	2.5	5.7	6.6	45	0.70	0.092
STD DS8	Standard	13.0	105.8	122.2	307	1.9	37.9	7.8	593	2.40	24.6	2.5	116.6	6.2	58	2.4	5.6	6.3	44	0.64	0.079
STD DS8	Standard	12.5	102.5	118.6	309	1.8	37.4	7.9	587	2.31	24.5	2.5	105.4	5.9	57	2.3	5.2	6.2	42	0.63	0.079
STD DS8	Standard	13.2	113.6	119.0	315	1.7	37.9	7.9	612	2.46	27.9	2.7	113.6	6.6	63	2.8	6.2	6.9	43	0.68	0.094
STD DS8	Standard	13.3	107.8	111.4	307	1.7	36.7	7.4	574	2.36	27.3	2.6	107.1	6.0	62	2.5	5.8	6.0	42	0.63	0.081
STD DS8	Standard	14.4	102.3	120.5	302	1.8	37.5	7.7	610	2.35	27.9	2.8	113.6	6.7	63	2.3	5.6	6.4	44	0.69	0.080
STD DS8	Standard	12.6	105.6	119.2	311	1.8	39.0	7.8	605	2.41	28.6	2.5	117.4	6.5	66	2.6	5.5	6.2	43	0.69	0.083
STD DS8	Standard	13.4	108.4	122.3	312	1.9	39.7	7.9	607	2.40	27.5	2.5	110.8	6.1	63	2.6	5.9	6.4	42	0.68	0.085
STD DS8	Standard	13.6	109.9	124.9	331	1.7	38.9	7.7	621	2.46	28.1	2.7	132.8	6.5	63	2.6	5.8	6.8	44	0.69	0.084
STD DS8	Standard	14.1	105.5	123.2	319	1.8	38.3	7.7	625	2.48	27.9	2.8	110.4	6.5	65	2.5	5.6	6.4	43	0.70	0.090
STD DS8	Standard	13.4	108.0	119.0	323	1.7	38.2	7.4	616	2.42	26.7	2.5	102.1	6.4	65	2.4	5.4	6.5	41	0.71	0.080
STD DS8	Standard	12.4	100.5	126.5	309	1.7	38.1	7.4	608	2.42	25.7	2.8	106.8	7.0	65	2.1	5.6	6.3	41	0.70	0.080
STD DS8	Standard	12.6	105.4	129.5	315	1.7	38.1	7.5	634	2.53	26.6	2.7	112.7	7.3	69	2.4	5.9	6.7	42	0.71	0.085
STD DS8	Standard	12.8	106.2	119.3	308	1.7	36.2	7.7	595	2.34	26.0	2.6	101.4	6.3	61	2.4	5.1	6.3	41	0.65	0.080
STD DS8	Standard	13.7	105.4	119.1	302	1.7	37.4	7.5	632	2.37	26.0	2.6	111.1	6.6	65	2.4	5.3	6.4	41	0.69	0.081
STD DS8	Standard	13.1	111.0	126.3	314	1.8	39.7	7.9	622	2.46	24.5	3.0	118.4	6.9	67	2.2	5.6	6.5	43	0.67	0.075
STD DS8	Standard	14.3	116.0	128.6	311	1.9	38.2	7.6	620	2.43	24.4	3.0	111.6	7.4	66	2.2	5.8	6.7	44	0.68	0.075
STD DS8	Standard	14.0	115.3	128.8	331	1.8	38.0	7.9	661	2.67	31.0	3.1	104.3	8.2	81	2.6	6.5	7.6	48	0.72	0.090
STD DS8	Standard	13.5	123.9	123.3	328	1.8	38.6	7.7	655	2.56	29.2	2.9	101.4	7.4	75	2.7	6.1	7.4	48	0.73	0.089

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Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: ECH
Report Date: July 12, 2011

QUALITY CONTROL REPORT WHI11000367.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1067890	Soil	36	38	0.80	312	0.145	1	2.07	0.023	0.15	0.2	0.02	5.4	0.2	<0.05	8	<0.5	<0.2
REP 1067890	QC	38	38	0.81	320	0.149	2	2.12	0.023	0.15	0.2	0.03	5.5	0.2	<0.05	8	0.5	<0.2
1069106	Soil	40	68	1.29	426	0.151	1	2.68	0.016	0.26	0.2	0.02	6.2	0.5	<0.05	12	<0.5	<0.2
REP 1069106	QC	40	67	1.26	432	0.149	1	2.48	0.015	0.26	0.2	0.02	6.2	0.5	<0.05	11	0.8	<0.2
1069125	Soil	82	37	0.84	211	0.103	1	1.54	0.017	0.16	0.3	0.01	4.6	0.1	<0.05	8	0.9	<0.2
REP 1069125	QC	77	34	0.79	200	0.100	<1	1.47	0.017	0.16	0.3	<0.01	4.4	0.1	<0.05	8	0.9	<0.2
1068506	Soil	12	42	0.68	162	0.095	3	2.22	0.011	0.09	0.1	0.05	3.4	0.1	<0.05	9	0.6	<0.2
REP 1068506	QC	12	41	0.68	159	0.093	2	2.15	0.010	0.09	0.1	0.06	3.2	0.1	<0.05	8	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	13	116	0.63	291	0.097	3	0.88	0.091	0.42	3.0	0.19	1.6	5.3	0.14	5	5.7	5.4
STD DS8	Standard	14	113	0.67	304	0.101	2	0.95	0.095	0.46	3.1	0.22	2.0	5.4	0.12	5	5.9	5.6
STD DS8	Standard	13	120	0.62	261	0.108	3	0.86	0.083	0.41	3.0	0.20	1.8	5.2	0.17	4	5.1	4.9
STD DS8	Standard	13	115	0.58	250	0.105	2	0.85	0.078	0.41	3.0	0.18	1.8	5.1	0.15	5	5.0	4.7
STD DS8	Standard	14	114	0.60	287	0.117	3	0.87	0.083	0.42	2.9	0.21	2.1	5.2	0.15	5	5.5	5.0
STD DS8	Standard	13	110	0.56	269	0.114	2	0.83	0.078	0.39	2.8	0.19	1.9	4.9	0.13	5	5.2	4.9
STD DS8	Standard	15	115	0.59	283	0.109	2	0.84	0.087	0.43	3.0	0.21	1.9	5.1	0.14	5	5.6	5.1
STD DS8	Standard	15	116	0.61	295	0.102	2	0.90	0.087	0.46	3.0	0.21	1.8	5.3	0.14	5	5.0	4.7
STD DS8	Standard	13	117	0.60	279	0.111	3	0.91	0.092	0.43	3.1	0.20	2.0	5.2	0.16	5	5.0	4.7
STD DS8	Standard	14	122	0.60	295	0.111	2	0.92	0.097	0.44	3.1	0.21	1.9	5.4	0.17	5	5.7	5.1
STD DS8	Standard	14	120	0.62	280	0.114	3	0.91	0.104	0.45	2.8	0.19	2.0	5.4	0.19	5	5.0	4.9
STD DS8	Standard	14	117	0.57	270	0.115	4	0.89	0.096	0.44	2.7	0.18	2.1	5.1	0.15	5	4.8	5.0
STD DS8	Standard	14	116	0.60	276	0.118	3	0.93	0.092	0.41	2.8	0.19	2.1	5.4	0.14	5	5.3	4.5
STD DS8	Standard	15	120	0.62	282	0.117	3	0.91	0.099	0.44	3.0	0.20	2.1	5.6	0.17	5	5.6	5.0
STD DS8	Standard	14	116	0.59	273	0.112	2	0.88	0.091	0.41	2.8	0.20	2.0	5.0	0.21	5	4.6	4.8
STD DS8	Standard	15	115	0.62	289	0.115	3	0.94	0.097	0.42	3.0	0.17	2.0	5.2	0.17	5	5.3	5.1
STD DS8	Standard	15	121	0.60	269	0.119	3	0.88	0.083	0.41	2.9	0.21	2.1	5.2	0.09	4	5.2	4.6
STD DS8	Standard	15	122	0.63	267	0.123	3	0.89	0.080	0.41	3.1	0.20	2.1	5.4	0.16	5	5.0	4.8
STD DS8	Standard	17	118	0.65	310	0.135	3	1.04	0.121	0.47	3.2	0.21	3.4	5.5	0.12	5	5.6	5.6
STD DS8	Standard	15	117	0.65	297	0.129	3	1.00	0.122	0.48	3.1	0.19	3.1	5.4	0.17	5	5.1	5.3

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

Project: ECH
Report Date: July 12, 2011

QUALITY CONTROL REPORT WHI11000367.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8	Standard	13.7	109.6	123.6	336	1.8	39.7	7.9	623	2.51	28.4	2.6	184.1	6.4	64	2.5	5.8	6.6	42	0.73	0.088
STD DS8	Standard	13.8	113.8	125.6	362	1.9	38.6	8.0	628	2.53	28.7	2.6	113.2	6.6	67	2.6	5.9	6.5	43	0.71	0.086
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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

Project: ECH
Report Date: July 12, 2011

QUALITY CONTROL REPORT WHI11000367.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	14	120	0.67	275	0.112	4	0.97	0.104	0.45	3.1	0.20	1.9	5.4	0.15	5	5.5	4.9
STD DS8	Standard	15	122	0.63	276	0.117	3	0.97	0.103	0.46	3.3	0.20	2.2	5.7	0.15	5	5.5	5.0
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

www.acmelab.com

Client: **Ryan Gold**
402 - 905 West Pender St.
Vancouver BC V6C1L6 Canada

Submitted By: Mike Skead
Receiving Lab: Canada-Whitehorse
Received: June 30, 2011
Report Date: July 08, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI11000368.1

CLIENT JOB INFORMATION

Project: ECH
Shipment ID: ECH2011-02
P.O. Number
Number of Samples: 4

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	4	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	4	Dry at 60C			WHI
1DX2	4	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ryan Gold
402 - 905 West Pender St.
Vancouver BC V6C1L6
Canada

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Client: **Ryan Gold**
402 - 905 West Pender St.
Vancouver BC V6C1L6 Canada

Project: ECH
Report Date: July 08, 2011

CERTIFICATE OF ANALYSIS WHI11000368.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1067907	Soil	0.9	11.8	10.8	69	<0.1	14.7	7.0	242	2.22	7.6	1.4	3.4	2.9	24	0.2	0.4	0.2	54	0.28	0.061
1067888	Soil	0.8	23.8	7.8	95	<0.1	23.4	13.0	451	4.06	4.3	2.1	0.9	14.6	21	0.2	0.3	0.3	82	0.44	0.117
1067898	Soil	1.8	28.0	19.3	99	0.1	24.1	10.9	345	3.51	6.4	5.6	2.4	21.3	22	0.2	0.4	0.3	73	0.27	0.051
1067884	Soil	0.7	11.7	7.9	23	<0.1	4.4	2.0	68	1.08	2.2	0.6	0.5	0.1	9	0.1	0.2	0.2	30	0.07	0.043

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Project: ECH
Report Date: July 08, 2011

CERTIFICATE OF ANALYSIS WHI11000368.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1067907	Soil	16	25	0.43	195	0.053	<1	1.47	0.013	0.06	0.2	0.05	2.6	<0.1	<0.05	5	0.7	<0.2
1067888	Soil	59	45	1.09	353	0.192	1	2.24	0.019	0.58	0.3	0.02	5.8	0.5	<0.05	11	<0.5	<0.2
1067898	Soil	88	37	0.62	343	0.105	<1	2.29	0.013	0.11	1.6	0.04	6.7	0.2	<0.05	8	<0.5	<0.2
1067884	Soil	10	12	0.10	88	0.019	<1	0.80	0.012	0.05	<0.1	0.03	0.4	0.1	<0.05	5	<0.5	<0.2

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Client: **Ryan Gold**
402 - 905 West Pender St.
Vancouver BC V6C1L6 Canada

Project: ECH
Report Date: July 08, 2011

QUALITY CONTROL REPORT WHI11000368.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Reference Materials																					
STD DS8	Standard	13.4	108.4	122.3	312	1.9	39.7	7.9	607	2.40	27.5	2.5	110.8	6.1	63	2.6	5.9	6.4	42	0.68	0.085
STD DS8	Standard	13.6	109.9	124.9	331	1.7	38.9	7.7	621	2.46	28.1	2.7	132.8	6.5	63	2.6	5.8	6.8	44	0.69	0.084
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Acme Analytical Laboratories (Vancouver) Ltd.
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Phone (604) 253-3158 Fax (604) 253-1716
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Client: **Ryan Gold**
402 - 905 West Pender St.
Vancouver BC V6C1L6 Canada

Project: ECH
Report Date: July 08, 2011

QUALITY CONTROL REPORT WHI11000368.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Reference Materials																		
STD DS8	Standard	13	117	0.60	279	0.111	3	0.91	0.092	0.43	3.1	0.20	2.0	5.2	0.16	5	5.0	4.7
STD DS8	Standard	14	122	0.60	295	0.111	2	0.92	0.097	0.44	3.1	0.21	1.9	5.4	0.17	5	5.7	5.1
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

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

Submitted By: Mike Skead
Receiving Lab: Canada-Whitehorse
Received: July 05, 2011
Report Date: July 13, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS WHI11000466.1

CLIENT JOB INFORMATION

Project: ECH
Shipment ID: ECH2011-03
P.O. Number
Number of Samples: 319

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	319	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	319	Dry at 60C			WHI
1DX2	318	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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

Project: ECH
Report Date: July 13, 2011

CERTIFICATE OF ANALYSIS WHI11000466.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1068603	Soil		0.9	17.5	10.7	52	<0.1	22.4	7.7	318	2.42	8.0	3.0	1.0	8.2	17	0.2	0.8	0.3	52	0.20	0.054
1068606	Soil		0.7	9.2	21.9	44	<0.1	13.7	5.0	112	2.17	7.4	3.6	1.0	4.8	16	0.1	1.5	0.3	46	0.22	0.063
1068601	Soil		1.0	21.5	11.9	61	<0.1	29.2	8.7	389	2.66	13.1	2.2	6.9	5.4	16	0.2	0.8	0.6	58	0.20	0.049
1068613	Soil		1.2	23.9	9.7	53	<0.1	26.0	11.6	384	3.01	6.2	1.0	1.9	3.6	12	<0.1	0.4	0.2	61	0.13	0.036
1068610	Soil		0.8	19.6	9.5	58	<0.1	22.7	9.8	386	2.51	5.3	1.7	5.9	6.2	13	0.2	0.5	0.3	55	0.20	0.050
1068612	Soil		0.9	24.1	8.4	54	<0.1	27.2	11.5	329	2.61	6.1	1.7	1.8	5.5	18	0.1	0.5	0.2	56	0.23	0.053
1068611	Soil		0.8	40.9	9.7	67	<0.1	99.0	22.0	624	4.21	3.9	2.4	0.6	8.2	16	0.1	0.3	0.3	97	0.26	0.057
1068607	Soil		1.1	14.5	16.1	57	<0.1	19.9	8.9	378	2.63	7.9	2.8	5.4	4.0	18	0.1	0.8	0.3	59	0.24	0.057
1068608	Soil		0.9	20.3	10.4	55	<0.1	25.1	9.6	433	2.64	7.1	0.9	0.8	2.6	13	0.1	0.5	0.2	61	0.16	0.045
1068609	Soil		2.0	18.8	16.7	62	<0.1	23.2	13.3	849	3.14	9.1	1.8	2.5	3.8	13	0.2	0.9	1.2	62	0.15	0.061
1068604	Soil		0.9	17.5	10.9	51	<0.1	20.8	8.0	335	2.54	8.6	3.1	2.9	9.2	18	0.1	0.9	0.3	52	0.22	0.054
1068628	Soil		1.0	21.1	17.6	85	<0.1	23.9	10.3	717	4.12	8.9	8.0	2.5	27.6	20	0.1	0.6	0.3	57	0.23	0.045
1068629	Soil		1.2	15.5	11.8	48	<0.1	16.7	6.9	306	2.50	6.8	1.5	4.2	3.8	12	0.2	0.5	0.4	61	0.12	0.031
1068619	Soil		1.3	16.8	9.5	59	<0.1	19.9	8.3	439	3.17	6.5	1.7	0.8	3.8	13	0.1	0.5	0.3	67	0.14	0.040
1068615	Soil		1.2	18.4	26.8	72	<0.1	16.3	9.7	727	3.03	4.8	9.9	<0.5	11.5	21	<0.1	0.3	0.2	43	0.28	0.057
1068616	Soil		0.7	20.3	9.1	61	<0.1	23.3	10.7	504	2.91	6.4	1.8	2.3	5.2	17	0.2	0.4	0.2	63	0.25	0.073
1068617	Soil		0.7	21.0	8.6	55	<0.1	22.5	9.4	379	2.66	7.1	1.9	2.3	4.2	15	0.1	0.5	0.2	61	0.20	0.053
1068620	Soil		0.7	28.8	9.4	66	<0.1	27.0	9.6	364	3.10	7.9	2.5	5.1	6.8	29	0.2	0.4	0.4	70	0.35	0.062
1068618	Soil		0.8	22.9	10.5	62	<0.1	24.0	9.0	294	2.82	6.0	2.3	3.2	6.6	16	0.2	0.4	0.3	63	0.24	0.067
1068614	Soil		1.0	26.8	11.9	66	<0.1	28.3	13.4	427	3.35	6.3	1.3	1.6	5.2	17	0.2	0.4	0.3	57	0.19	0.049
1068633	Soil		1.0	21.2	12.8	56	<0.1	22.9	10.0	356	3.00	8.4	1.2	2.3	3.7	11	<0.1	0.5	0.3	58	0.11	0.032
1068623	Soil		0.7	18.0	21.1	61	<0.1	20.6	9.5	529	2.96	9.1	2.8	3.3	8.0	13	<0.1	0.4	0.3	51	0.17	0.042
1068621	Soil		0.9	23.3	9.4	57	<0.1	23.4	9.3	402	2.96	8.9	2.3	2.4	6.2	17	<0.1	0.4	0.3	64	0.22	0.047
1068625	Soil		0.8	21.3	10.2	61	<0.1	25.6	9.9	392	2.83	7.6	1.5	3.4	4.6	15	0.2	0.4	0.2	57	0.18	0.049
1068605	Soil		1.0	15.7	13.7	56	<0.1	19.1	8.5	178	2.22	9.2	5.7	3.7	12.5	19	0.2	1.0	0.3	56	0.21	0.043
1068632	Soil		0.8	26.5	9.3	58	<0.1	30.9	14.2	430	2.94	7.6	1.5	1.8	4.1	15	<0.1	0.5	0.3	59	0.16	0.031
1068622	Soil		0.8	18.9	10.3	58	<0.1	21.4	9.0	419	2.81	6.7	1.5	2.4	5.7	14	0.1	0.4	0.3	59	0.18	0.042
1068627	Soil		0.5	15.5	7.7	56	<0.1	18.0	7.4	353	2.65	4.7	2.0	1.7	7.3	13	<0.1	0.3	0.2	51	0.17	0.040
1068602	Soil		2.4	9.1	32.7	54	<0.1	12.7	5.8	568	2.21	5.9	6.7	0.8	8.9	21	0.1	1.7	1.0	27	0.14	0.055
1068626	Soil		1.2	23.6	14.1	71	0.1	25.6	10.1	525	3.69	9.4	2.3	2.5	5.1	16	0.2	0.5	0.4	71	0.19	0.058

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

Project: ECH
Report Date: July 13, 2011

CERTIFICATE OF ANALYSIS WHI11000466.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1068603	Soil		19	27	0.41	92	0.060	2	1.53	0.010	0.06	0.2	0.02	2.9	0.1	<0.05	4	<0.5	<0.2
1068606	Soil		15	29	0.33	94	0.024	2	1.15	0.007	0.10	0.2	0.02	3.3	0.1	<0.05	4	<0.5	<0.2
1068601	Soil		14	32	0.48	129	0.068	2	1.76	0.010	0.09	0.2	0.02	3.5	0.1	<0.05	5	<0.5	<0.2
1068613	Soil		11	34	0.54	98	0.089	2	2.07	0.011	0.12	0.2	0.05	2.8	0.2	<0.05	6	0.6	<0.2
1068610	Soil		13	29	0.49	98	0.088	2	1.63	0.012	0.11	0.6	0.02	2.8	0.1	<0.05	5	<0.5	<0.2
1068612	Soil		17	34	0.63	139	0.098	2	2.04	0.015	0.13	0.2	0.03	3.4	0.2	<0.05	5	<0.5	<0.2
1068611	Soil		28	154	1.51	283	0.189	1	2.92	0.016	0.23	0.2	0.02	6.5	0.4	<0.05	9	0.6	<0.2
1068607	Soil		15	37	0.53	119	0.055	2	1.50	0.010	0.10	0.2	0.03	3.1	0.1	<0.05	5	<0.5	<0.2
1068608	Soil		9	33	0.53	87	0.080	2	2.02	0.011	0.08	0.2	0.04	2.4	0.1	<0.05	6	<0.5	<0.2
1068609	Soil		10	36	0.41	88	0.061	2	1.68	0.011	0.10	0.2	0.07	2.5	0.1	<0.05	6	<0.5	<0.2
1068604	Soil		20	28	0.41	96	0.064	1	1.47	0.011	0.07	0.2	0.03	3.2	0.1	<0.05	4	<0.5	<0.2
1068628	Soil		50	33	0.53	157	0.056	1	1.89	0.009	0.15	0.1	0.03	11.9	0.3	<0.05	6	0.7	<0.2
1068629	Soil		13	25	0.36	96	0.076	2	1.67	0.010	0.10	0.2	0.05	2.8	0.2	<0.05	7	0.7	<0.2
1068619	Soil		11	29	0.47	84	0.108	2	1.76	0.009	0.14	0.2	0.07	3.8	0.2	0.05	8	<0.5	<0.2
1068615	Soil		23	23	0.39	103	0.028	1	1.20	0.009	0.14	0.1	0.01	6.3	0.2	<0.05	4	<0.5	<0.2
1068616	Soil		13	31	0.57	103	0.109	2	1.82	0.012	0.13	0.2	0.05	4.0	0.2	<0.05	6	<0.5	<0.2
1068617	Soil		13	26	0.51	108	0.087	2	1.71	0.012	0.08	0.2	0.04	3.4	0.2	<0.05	6	<0.5	<0.2
1068620	Soil		23	39	0.62	182	0.121	2	1.78	0.017	0.14	0.2	0.04	7.0	0.2	<0.05	6	<0.5	<0.2
1068618	Soil		20	33	0.57	118	0.132	1	1.97	0.011	0.16	0.2	0.05	5.7	0.3	<0.05	7	0.5	<0.2
1068614	Soil		16	35	0.67	128	0.123	3	1.88	0.014	0.32	0.2	0.04	3.6	0.3	<0.05	7	<0.5	<0.2
1068633	Soil		12	29	0.47	78	0.084	1	1.79	0.009	0.13	0.1	0.05	2.3	0.2	<0.05	6	<0.5	<0.2
1068623	Soil		16	24	0.44	78	0.059	2	1.55	0.010	0.10	0.2	0.03	4.0	0.2	<0.05	4	<0.5	<0.2
1068621	Soil		22	32	0.59	118	0.108	2	1.93	0.014	0.10	0.2	0.04	4.7	0.2	<0.05	6	<0.5	<0.2
1068625	Soil		13	31	0.55	101	0.086	2	2.05	0.013	0.10	0.1	0.05	3.8	0.2	<0.05	6	<0.5	<0.2
1068605	Soil		28	32	0.40	125	0.068	2	1.66	0.010	0.08	0.2	0.02	4.5	0.2	<0.05	5	<0.5	<0.2
1068632	Soil		12	31	0.63	90	0.116	2	2.01	0.012	0.14	0.1	0.06	2.8	0.3	<0.05	6	<0.5	<0.2
1068622	Soil		17	26	0.56	87	0.103	2	1.98	0.012	0.13	0.1	0.04	4.5	0.2	<0.05	6	<0.5	<0.2
1068627	Soil		17	24	0.49	73	0.094	2	1.92	0.012	0.14	0.1	0.03	4.7	0.2	<0.05	5	<0.5	<0.2
1068602	Soil		25	17	0.16	79	0.013	2	0.85	0.005	0.07	0.2	0.02	2.6	0.1	<0.05	3	<0.5	<0.2
1068626	Soil		23	36	0.52	148	0.072	2	2.39	0.010	0.14	0.2	0.05	4.8	0.2	<0.05	8	0.5	<0.2

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

Project: ECH
Report Date: July 13, 2011

CERTIFICATE OF ANALYSIS WHI11000466.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1068624	Soil	0.6	19.2	10.9	60	<0.1	21.7	8.7	344	2.89	6.4	1.9	2.4	6.9	15	0.1	0.4	0.2	60	0.19	0.036
1068631	Soil	0.7	24.8	11.2	57	<0.1	24.5	11.7	366	3.19	8.4	2.1	3.6	5.5	15	<0.1	0.4	0.3	64	0.18	0.038
1068630	Soil	1.3	40.4	14.4	80	0.2	34.6	12.4	355	3.99	8.4	11.8	3.6	13.8	20	0.2	0.5	0.5	87	0.24	0.063
1068671	Soil	0.6	11.8	13.6	49	<0.1	34.6	10.6	368	2.53	6.6	3.7	2.5	1.9	18	0.1	0.3	0.5	49	0.21	0.059
1068682	Soil	0.8	17.6	11.6	66	<0.1	26.2	9.5	433	2.79	8.6	4.3	2.3	5.6	20	0.2	0.4	0.4	56	0.27	0.073
1068681	Soil	0.7	13.9	8.2	53	<0.1	18.0	6.0	177	2.20	5.9	2.7	1.3	4.1	16	0.2	0.3	0.4	46	0.27	0.084
1068680	Soil	1.0	24.2	10.8	63	0.1	25.0	9.9	419	2.53	6.9	10.7	3.7	2.2	23	0.1	0.3	0.7	45	0.27	0.085
1068674	Soil	0.7	11.9	12.2	57	<0.1	26.2	11.4	238	2.71	8.2	3.5	0.9	5.6	18	0.1	0.3	0.5	54	0.25	0.081
1068683	Soil	0.9	18.5	10.7	70	<0.1	25.8	10.6	465	3.01	9.8	3.8	1.6	5.2	21	0.2	0.4	0.4	64	0.28	0.085
1068673	Soil	0.9	17.3	13.4	56	0.1	27.2	18.5	1328	2.73	8.9	5.2	2.1	1.4	22	0.2	0.3	0.5	54	0.22	0.083
1068678	Soil	1.0	15.6	9.7	33	0.1	14.2	3.9	163	2.16	5.9	7.8	2.5	0.9	15	0.2	0.2	0.7	34	0.18	0.060
1068677	Soil	0.6	19.2	13.8	66	0.1	27.8	8.3	156	2.21	6.7	9.1	2.6	5.5	21	0.2	0.4	1.1	55	0.27	0.070
1068679	Soil	0.5	15.3	8.9	50	<0.1	29.0	7.3	208	2.05	4.9	3.7	3.5	4.4	19	0.2	0.3	0.5	46	0.25	0.066
1068676	Soil	1.1	17.8	11.8	59	<0.1	25.1	7.1	255	2.46	13.0	6.4	1.7	2.3	23	0.2	0.4	0.8	46	0.30	0.089
1068675	Soil	1.1	22.9	15.2	70	0.3	34.9	9.7	250	3.52	16.5	7.8	3.2	3.3	37	0.1	0.5	0.6	59	0.49	0.113
1068691	Soil	1.2	21.9	12.5	66	0.1	20.0	7.6	360	2.79	9.9	5.3	2.4	1.6	24	0.2	0.3	0.4	60	0.25	0.078
1068688	Soil	0.9	21.1	10.1	65	<0.1	20.5	9.9	393	3.02	9.3	3.6	2.0	6.1	20	0.1	0.4	0.6	62	0.24	0.063
1068689	Soil	0.9	15.3	9.5	54	<0.1	16.3	7.3	310	2.56	7.9	2.9	3.0	3.5	20	0.2	0.3	0.6	58	0.23	0.054
1068700	Soil	0.5	11.0	5.9	31	<0.1	9.4	3.9	157	1.46	3.4	1.5	<0.5	0.9	15	<0.1	0.2	0.2	36	0.15	0.042
1068654	Soil	0.5	11.9	15.3	34	<0.1	13.3	8.7	164	2.19	3.5	3.3	<0.5	4.8	17	<0.1	0.5	0.3	48	0.37	0.099
1068662	Soil	1.6	15.2	11.5	47	<0.1	15.5	6.3	275	2.73	8.5	1.1	3.0	1.2	14	0.2	0.7	0.3	73	0.14	0.070
1068659	Soil	0.9	16.7	16.5	54	<0.1	19.7	8.8	215	2.86	4.1	5.3	3.2	5.5	18	0.2	0.6	0.6	69	0.30	0.101
1068667	Soil	0.7	19.7	16.5	62	<0.1	18.4	9.6	352	2.94	4.7	6.3	1.4	5.6	30	0.1	0.5	0.6	59	0.43	0.111
1068658	Soil	0.8	29.5	8.4	63	<0.1	30.0	11.0	381	2.85	8.1	1.4	3.4	4.6	22	0.3	0.5	0.1	61	0.29	0.077
1068661	Soil	0.8	25.0	11.1	60	<0.1	23.7	10.5	209	2.87	5.7	3.4	2.8	6.3	23	0.2	0.7	1.0	65	0.29	0.087
1068657	Soil	0.6	24.0	8.2	62	<0.1	25.0	10.4	307	2.84	7.4	1.0	1.6	3.5	19	0.2	0.5	0.1	60	0.28	0.080
1068668	Soil	0.6	20.1	16.8	60	<0.1	18.8	9.6	341	2.98	4.5	6.6	1.9	5.9	27	0.2	0.6	0.4	61	0.41	0.106
1068660	Soil	1.3	18.1	17.0	79	<0.1	23.3	12.5	729	3.28	19.7	7.0	1.3	13.6	28	0.3	2.8	0.3	56	0.35	0.080
1068663	Soil	1.7	20.0	16.4	72	<0.1	39.7	12.8	573	3.46	20.4	7.5	2.0	13.4	31	<0.1	2.1	0.3	55	0.29	0.061
1068644	Soil	0.8	23.1	7.3	68	<0.1	25.9	12.1	502	3.05	6.3	2.6	2.6	8.4	19	0.2	0.4	0.1	68	0.31	0.094

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

Project: ECH
Report Date: July 13, 2011

CERTIFICATE OF ANALYSIS WHI11000466.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1068624	Soil	18	32	0.52	122	0.096	2	2.14	0.017	0.12	0.2	0.04	4.8	0.2	<0.05	6	<0.5	<0.2
1068631	Soil	19	33	0.58	110	0.094	2	2.07	0.012	0.13	0.2	0.04	4.2	0.2	<0.05	5	<0.5	<0.2
1068630	Soil	65	59	0.83	210	0.131	1	3.02	0.014	0.29	0.2	0.09	11.1	0.4	<0.05	9	0.7	<0.2
1068671	Soil	11	49	0.47	145	0.036	2	1.73	0.011	0.08	0.2	0.04	2.3	0.2	<0.05	5	<0.5	<0.2
1068682	Soil	16	33	0.48	148	0.075	1	1.73	0.012	0.10	0.2	<0.01	2.8	0.2	<0.05	6	<0.5	<0.2
1068681	Soil	13	29	0.45	104	0.078	2	1.45	0.014	0.10	0.2	0.02	2.1	0.2	<0.05	5	<0.5	<0.2
1068680	Soil	17	32	0.40	148	0.050	2	1.50	0.021	0.09	0.2	0.04	2.9	0.1	0.06	5	<0.5	<0.2
1068674	Soil	14	39	0.50	139	0.065	1	1.77	0.012	0.08	0.1	0.03	2.8	0.2	<0.05	5	<0.5	<0.2
1068683	Soil	15	34	0.48	159	0.086	2	1.87	0.013	0.11	0.2	0.02	2.9	0.2	<0.05	6	<0.5	<0.2
1068673	Soil	14	35	0.42	198	0.042	2	1.92	0.012	0.10	0.2	0.04	2.5	0.2	<0.05	6	<0.5	<0.2
1068678	Soil	12	28	0.22	77	0.027	2	1.54	0.018	0.07	0.1	0.07	1.4	0.1	0.06	5	<0.5	<0.2
1068677	Soil	18	40	0.50	186	0.071	2	1.92	0.015	0.09	0.1	0.04	3.7	0.2	<0.05	6	<0.5	<0.2
1068679	Soil	13	41	0.47	106	0.077	2	1.42	0.015	0.07	0.2	0.02	2.6	0.1	<0.05	4	<0.5	<0.2
1068676	Soil	15	36	0.39	147	0.043	2	1.49	0.013	0.09	0.2	0.03	2.3	0.2	0.06	5	<0.5	<0.2
1068675	Soil	17	39	0.54	205	0.058	3	2.08	0.026	0.12	0.2	0.06	4.6	0.2	0.08	6	<0.5	<0.2
1068691	Soil	14	31	0.47	181	0.056	2	1.86	0.016	0.11	0.1	0.03	2.7	0.1	0.06	6	<0.5	<0.2
1068688	Soil	17	33	0.55	140	0.090	2	2.05	0.014	0.10	0.2	0.02	3.1	0.2	<0.05	6	<0.5	<0.2
1068689	Soil	13	26	0.42	134	0.082	<1	1.58	0.019	0.08	0.2	0.02	2.4	0.1	<0.05	7	<0.5	<0.2
1068700	Soil	9	17	0.24	101	0.056	<1	0.91	0.018	0.05	0.1	0.02	1.3	<0.1	<0.05	4	<0.5	<0.2
1068654	Soil	9	49	0.49	132	0.063	2	1.19	0.017	0.17	<0.1	0.02	4.3	0.1	<0.05	4	<0.5	<0.2
1068662	Soil	11	30	0.31	77	0.075	2	1.41	0.012	0.05	0.2	0.06	1.9	0.1	0.11	7	<0.5	<0.2
1068659	Soil	17	37	0.61	110	0.093	2	2.31	0.017	0.16	1.3	0.03	4.5	0.3	<0.05	7	<0.5	<0.2
1068667	Soil	17	30	0.56	207	0.122	2	1.76	0.025	0.18	0.2	0.02	4.9	0.2	<0.05	5	<0.5	<0.2
1068658	Soil	12	32	0.60	138	0.103	2	2.08	0.021	0.07	0.2	0.03	3.1	<0.1	<0.05	5	<0.5	<0.2
1068661	Soil	23	35	0.62	133	0.101	3	2.22	0.016	0.11	0.2	0.04	4.7	0.2	<0.05	6	<0.5	<0.2
1068657	Soil	10	32	0.63	110	0.108	3	2.62	0.017	0.10	0.2	0.04	3.5	0.1	<0.05	6	<0.5	<0.2
1068668	Soil	16	31	0.55	188	0.128	2	1.68	0.024	0.19	0.1	0.02	5.1	0.2	<0.05	5	<0.5	<0.2
1068660	Soil	34	32	0.37	149	0.056	2	1.25	0.018	0.12	0.1	0.02	7.6	0.2	<0.05	4	<0.5	<0.2
1068663	Soil	37	39	0.43	148	0.074	1	1.48	0.016	0.10	0.1	0.03	7.0	0.1	<0.05	4	<0.5	<0.2
1068644	Soil	19	35	0.62	131	0.148	1	1.97	0.020	0.19	0.1	0.03	3.8	0.2	<0.05	6	<0.5	<0.2

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Project: ECH
Report Date: July 13, 2011

CERTIFICATE OF ANALYSIS WHI11000466.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1068666	Soil	1.0	12.2	23.9	43	<0.1	14.9	7.0	327	2.40	3.9	6.0	1.2	7.0	33	0.2	0.8	0.3	37	0.31	0.102
1068664	Soil	1.3	9.8	15.8	44	<0.1	13.5	5.5	171	2.33	22.8	2.9	3.1	9.1	22	<0.1	1.8	0.5	48	0.17	0.058
1068638	Soil	0.7	21.0	6.6	60	<0.1	22.9	10.0	367	2.87	5.5	1.8	2.6	5.3	18	0.1	0.4	0.1	63	0.29	0.080
1068642	Soil	1.2	20.2	10.0	61	<0.1	22.2	9.9	419	3.43	8.1	1.8	2.7	4.4	16	0.2	0.5	0.2	79	0.20	0.053
1068687	Soil	1.1	14.1	11.4	54	<0.1	16.6	6.8	258	2.74	8.9	1.9	0.7	2.9	21	0.2	0.4	0.8	61	0.22	0.059
1068686	Soil	1.1	18.0	14.0	61	0.1	18.1	9.5	411	2.87	7.7	6.0	1.6	2.4	24	0.1	0.3	1.4	56	0.30	0.074
1068690	Soil	1.4	19.6	14.1	73	<0.1	23.2	8.8	369	4.01	14.0	4.0	0.9	4.2	20	0.2	0.4	1.2	82	0.20	0.053
1068685	Soil	1.2	18.2	9.6	68	<0.1	21.4	8.7	365	2.82	7.8	3.5	2.3	5.8	20	0.2	0.4	0.6	58	0.28	0.084
1068693	Soil	1.3	25.3	12.9	72	0.1	22.3	11.6	508	3.51	10.5	3.0	2.3	5.1	20	0.2	0.4	0.5	71	0.23	0.057
1068695	Soil	0.9	19.5	9.5	59	<0.1	20.8	8.4	309	2.82	8.2	2.3	1.8	5.3	18	0.1	0.4	0.3	58	0.23	0.049
1068694	Soil	0.8	16.1	8.4	63	<0.1	20.0	8.5	375	2.49	6.7	1.9	0.8	5.0	19	0.1	0.3	0.2	52	0.25	0.041
1068684	Soil	0.8	17.0	9.4	62	<0.1	17.2	7.9	296	2.34	4.4	4.4	3.2	5.6	18	0.1	0.4	0.4	55	0.24	0.064
1068692	Soil	1.0	18.3	12.7	59	<0.1	19.4	10.6	495	2.62	6.7	2.9	0.6	4.8	18	0.2	0.4	0.4	62	0.20	0.042
1068699	Soil	0.9	23.8	11.8	65	<0.1	22.9	8.7	344	2.82	7.6	3.8	1.7	3.4	21	0.2	0.4	0.6	64	0.22	0.054
1068702	Soil	0.9	18.6	10.8	51	<0.1	18.8	7.5	348	2.45	6.7	2.9	0.7	5.0	17	0.1	0.4	0.5	61	0.20	0.047
1068672	Soil	0.8	17.1	14.7	55	0.1	28.3	11.0	415	2.55	7.3	5.4	0.5	1.4	16	0.1	0.3	0.6	58	0.18	0.064
1068696	Soil	0.7	19.3	9.6	56	<0.1	19.5	7.5	300	2.53	6.1	4.9	2.3	6.0	18	<0.1	0.4	0.4	64	0.23	0.052
1068697	Soil	1.0	25.5	10.0	48	0.1	16.7	8.6	369	2.47	5.4	5.2	<0.5	2.2	19	0.1	0.3	0.4	59	0.16	0.047
1068698	Soil	1.3	37.6	14.2	66	0.3	23.5	10.5	516	3.24	9.2	7.9	1.4	1.7	21	0.3	0.5	0.5	78	0.19	0.074
1068701	Soil	0.6	19.8	7.9	55	<0.1	20.1	8.5	327	2.45	5.8	2.2	4.7	4.3	17	0.1	0.5	0.3	62	0.23	0.042
1067017	Soil	0.9	18.5	9.9	54	<0.1	20.8	9.1	351	2.74	7.0	0.8	2.4	3.7	17	0.2	0.5	0.2	67	0.21	0.051
1067015	Soil	1.6	21.3	12.6	53	<0.1	14.1	6.7	416	2.90	5.7	0.8	1.8	0.5	14	0.2	0.7	0.3	81	0.10	0.071
1067013	Soil	1.2	26.8	12.6	57	0.1	22.4	8.5	268	3.04	6.6	5.4	2.1	2.1	17	0.1	0.5	0.3	70	0.23	0.103
1067014	Soil	1.4	17.6	12.0	57	<0.1	19.0	8.7	335	3.09	7.9	0.8	1.4	2.5	13	0.2	0.7	0.2	77	0.13	0.044
1067022	Soil	0.7	26.2	10.8	56	0.1	26.5	12.1	283	3.22	5.4	2.5	2.2	5.5	21	0.2	0.5	0.3	73	0.31	0.089
1067019	Soil	0.7	22.4	8.6	54	<0.1	24.7	10.2	376	2.81	6.9	1.0	3.9	4.5	19	0.3	0.5	0.2	69	0.24	0.049
1068499	Soil	0.8	25.7	9.5	75	<0.1	26.0	11.1	378	3.24	6.6	1.7	1.2	2.6	16	0.3	0.5	0.3	77	0.22	0.065
1067021	Soil	1.6	17.1	17.3	48	<0.1	18.0	7.9	453	2.83	7.4	1.0	2.1	2.5	15	0.2	0.6	0.4	75	0.18	0.073
1067023	Soil	1.2	20.3	12.8	69	<0.1	22.2	10.5	361	3.04	8.2	0.8	2.3	2.1	16	0.2	0.5	0.5	73	0.16	0.059
1067020	Soil	1.2	11.0	12.7	34	<0.1	8.9	4.2	168	2.89	4.9	1.1	2.0	6.4	9	0.1	0.5	0.5	112	0.09	0.025

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1068666	Soil		21	21	0.30	116	0.041	2	1.17	0.013	0.08	<0.1	0.02	3.0	<0.1	0.05	3	<0.5	<0.2
1068664	Soil		22	24	0.33	100	0.042	2	1.46	0.011	0.06	0.2	0.03	3.1	0.2	0.08	5	<0.5	<0.2
1068638	Soil		17	36	0.56	90	0.134	2	1.91	0.018	0.18	0.1	0.04	3.8	0.2	<0.05	6	<0.5	<0.2
1068642	Soil		17	35	0.54	111	0.131	2	2.13	0.014	0.11	0.2	0.04	3.4	0.1	<0.05	8	<0.5	<0.2
1068687	Soil		14	27	0.40	133	0.080	1	1.58	0.012	0.10	0.2	0.04	2.4	0.2	<0.05	7	<0.5	<0.2
1068686	Soil		22	30	0.40	157	0.043	1	1.72	0.013	0.12	0.1	0.03	2.7	0.2	<0.05	6	<0.5	<0.2
1068690	Soil		15	36	0.53	158	0.075	2	2.56	0.013	0.10	0.2	0.03	3.7	0.2	<0.05	10	<0.5	<0.2
1068685	Soil		17	32	0.50	115	0.091	2	1.53	0.015	0.11	0.2	0.02	2.6	0.2	0.06	6	<0.5	<0.2
1068693	Soil		14	36	0.53	150	0.092	2	2.04	0.013	0.11	0.2	0.02	3.5	0.2	<0.05	8	<0.5	<0.2
1068695	Soil		15	32	0.49	127	0.088	1	1.80	0.013	0.09	0.1	0.02	3.3	0.1	<0.05	6	<0.5	<0.2
1068694	Soil		14	29	0.51	126	0.080	1	1.51	0.011	0.11	0.2	0.02	2.6	0.1	<0.05	5	<0.5	<0.2
1068684	Soil		15	25	0.43	118	0.067	1	1.43	0.012	0.09	0.2	0.03	2.9	0.1	<0.05	5	<0.5	<0.2
1068692	Soil		14	27	0.47	144	0.066	2	1.69	0.012	0.10	0.2	0.02	2.9	0.2	<0.05	5	<0.5	<0.2
1068699	Soil		13	31	0.47	188	0.069	1	1.98	0.011	0.08	0.2	0.04	3.8	0.1	<0.05	6	<0.5	<0.2
1068702	Soil		13	29	0.46	153	0.070	1	1.77	0.010	0.07	0.1	0.02	3.4	0.1	<0.05	5	<0.5	<0.2
1068672	Soil		11	38	0.43	157	0.023	2	1.71	0.012	0.07	0.2	0.03	2.6	0.2	<0.05	6	<0.5	<0.2
1068696	Soil		16	27	0.46	125	0.080	<1	1.64	0.010	0.09	0.1	0.03	3.9	0.1	<0.05	5	<0.5	<0.2
1068697	Soil		16	24	0.36	159	0.057	<1	1.54	0.016	0.09	0.1	0.03	3.1	0.1	<0.05	5	0.6	<0.2
1068698	Soil		18	35	0.45	225	0.055	<1	2.18	0.015	0.09	0.1	0.04	4.1	0.1	<0.05	7	<0.5	<0.2
1068701	Soil		13	27	0.46	129	0.086	<1	1.37	0.015	0.07	0.2	0.03	3.2	0.1	<0.05	4	<0.5	<0.2
1067017	Soil		11	31	0.52	103	0.096	<1	2.09	0.013	0.08	0.2	0.04	3.5	0.1	<0.05	6	0.8	<0.2
1067015	Soil		8	26	0.31	102	0.051	1	1.70	0.011	0.04	0.1	0.08	2.0	0.1	<0.05	7	<0.5	<0.2
1067013	Soil		13	31	0.50	130	0.071	1	2.14	0.013	0.11	0.4	0.07	4.5	0.2	<0.05	6	0.6	<0.2
1067014	Soil		10	30	0.44	112	0.074	1	2.36	0.012	0.05	0.2	0.06	3.1	0.1	<0.05	7	0.5	<0.2
1067022	Soil		20	38	0.68	216	0.125	<1	2.11	0.015	0.17	0.4	0.07	5.7	0.2	<0.05	6	0.5	<0.2
1067019	Soil		12	31	0.55	152	0.101	1	1.96	0.019	0.06	0.2	0.04	3.7	<0.1	<0.05	5	<0.5	<0.2
1068499	Soil		12	34	0.61	111	0.110	2	1.89	0.015	0.11	0.3	0.06	3.7	0.2	<0.05	6	0.6	<0.2
1067021	Soil		11	28	0.39	90	0.099	1	1.72	0.012	0.14	0.2	0.09	2.6	0.1	<0.05	9	0.6	<0.2
1067023	Soil		9	31	0.51	115	0.079	2	2.58	0.014	0.07	0.1	0.06	3.2	0.1	<0.05	7	0.8	<0.2
1067020	Soil		15	20	0.20	73	0.151	<1	1.06	0.007	0.05	0.2	0.04	1.9	0.1	<0.05	12	<0.5	<0.2

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

Project: ECH
Report Date: July 13, 2011

CERTIFICATE OF ANALYSIS WHI11000466.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1068497	Soil		0.5	28.4	12.7	48	<0.1	17.5	7.3	171	2.94	4.6	3.4	1.1	8.6	30	0.2	0.5	0.3	61	0.32	0.086
1068498	Soil		0.5	29.3	13.9	50	<0.1	17.7	7.5	203	2.88	4.6	3.5	<0.5	8.6	31	0.2	0.5	0.4	59	0.36	0.096
1068493	Soil		1.9	46.6	33.9	106	<0.1	37.0	13.7	669	4.56	14.1	25.0	3.9	2.3	20	0.2	0.8	1.2	101	0.19	0.099
1067005	Soil		0.8	19.0	10.4	47	<0.1	16.4	6.8	253	2.69	5.5	0.7	1.7	1.5	15	0.2	0.5	0.2	70	0.17	0.067
1068496	Soil		0.9	16.6	11.9	47	<0.1	14.8	6.6	283	2.48	2.8	1.5	1.5	0.6	30	0.2	0.3	0.4	60	0.18	0.098
1068495	Soil		1.2	13.3	10.0	43	<0.1	12.8	5.5	267	2.44	2.8	1.7	1.6	2.3	13	0.1	0.4	0.6	72	0.13	0.063
1068651	Soil		0.4	8.2	8.1	38	<0.1	12.0	8.2	191	1.65	<0.5	2.1	<0.5	3.1	17	0.1	0.3	0.2	54	0.43	0.100
1068646	Soil		0.4	21.7	18.8	61	<0.1	17.7	7.5	182	2.31	2.4	3.5	2.3	9.1	25	0.1	0.8	0.3	65	0.33	0.068
1068500	Soil		0.9	22.1	10.9	55	0.1	20.6	9.2	370	2.94	4.9	3.8	1.2	2.3	18	0.1	0.5	0.3	77	0.21	0.097
1067001	Soil		1.0	22.7	13.8	64	<0.1	25.0	11.2	507	2.82	6.0	2.2	1.2	4.7	20	0.3	0.5	0.3	67	0.30	0.096
1067003	Soil		0.7	19.9	9.2	55	<0.1	21.0	10.2	464	2.78	4.1	2.5	2.0	3.5	17	0.2	0.4	0.3	68	0.28	0.084
1067004	Soil		0.5	20.6	12.8	55	<0.1	20.1	8.8	412	2.50	3.5	1.3	<0.5	4.7	24	0.2	0.5	0.3	67	0.39	0.110
1067010	Soil		0.8	17.6	17.1	56	<0.1	21.6	10.7	428	2.66	4.7	3.1	2.3	5.1	16	0.2	0.4	0.5	67	0.24	0.081
1067002	Soil		1.4	15.3	22.8	41	<0.1	10.4	4.9	239	2.26	6.6	1.4	<0.5	0.4	17	0.2	0.5	0.5	57	0.11	0.095
1067012	Soil		0.7	12.2	8.7	36	<0.1	7.5	4.0	168	1.60	2.5	1.7	<0.5	0.4	10	0.1	0.3	0.1	47	0.11	0.051
1067008	Soil		0.7	18.8	7.5	62	<0.1	29.0	12.7	421	3.09	4.1	2.5	7.7	5.7	18	0.2	0.2	0.5	69	0.35	0.093
1067009	Soil		0.9	17.3	9.9	52	<0.1	20.8	9.4	286	2.66	5.0	3.2	6.3	4.0	13	0.2	0.3	0.2	58	0.23	0.064
1067018	Soil		0.7	22.9	6.8	60	<0.1	28.3	10.7	406	2.66	4.9	1.3	6.8	5.1	17	0.2	0.4	0.2	64	0.30	0.079
1067011	Soil		0.8	16.6	8.9	54	<0.1	20.2	9.5	355	2.56	4.5	3.2	5.8	5.5	14	0.1	0.3	0.3	55	0.26	0.068
1067007	Soil		1.3	14.5	9.3	43	<0.1	15.4	7.4	296	2.37	5.9	0.8	3.8	1.8	10	0.1	0.4	0.2	61	0.14	0.049
1067006	Soil		1.2	16.9	12.8	49	<0.1	16.3	8.7	453	2.78	5.4	2.2	3.0	2.2	10	0.2	0.4	0.4	67	0.15	0.072
1067016	Soil		0.9	17.9	8.6	50	<0.1	19.2	9.5	367	2.66	7.5	0.8	5.9	3.2	14	0.2	0.4	0.3	61	0.17	0.048
1068436	Soil		1.0	25.3	12.0	67	<0.1	26.8	10.4	466	2.67	8.3	5.3	5.3	5.6	24	0.2	0.5	1.0	58	0.38	0.068
1068438	Soil		1.1	15.7	10.1	56	<0.1	21.1	8.4	370	2.90	14.5	2.6	7.0	4.0	10	0.2	0.4	1.7	62	0.13	0.044
1068439	Soil		0.7	17.2	8.4	50	<0.1	23.0	10.1	393	2.26	7.7	2.2	22.5	4.8	13	0.3	0.3	0.8	53	0.22	0.056
1068440	Soil		1.3	20.2	11.1	51	<0.1	25.7	11.3	230	3.21	9.9	1.2	6.6	3.6	13	0.2	0.5	0.3	80	0.13	0.030
1068441	Soil		1.1	18.2	10.6	66	<0.1	21.0	9.8	515	2.65	12.0	4.1	11.4	5.1	15	0.2	0.4	1.2	55	0.24	0.064
1068442	Soil		1.3	14.6	11.6	47	0.1	16.4	7.2	181	3.59	9.7	0.9	7.9	2.2	9	0.2	0.5	0.5	88	0.09	0.042
1068443	Soil		0.7	14.6	9.8	43	<0.1	15.7	7.0	238	2.60	13.9	2.0	6.6	4.5	11	0.2	0.3	1.1	51	0.14	0.048
1068444	Soil		1.3	12.4	10.9	39	0.1	12.2	4.7	262	2.05	20.4	1.5	3.4	0.7	12	0.2	0.4	1.4	53	0.15	0.058

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Project: ECH
Report Date: July 13, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1068497	Soil		25	29	0.43	151	0.082	<1	1.36	0.017	0.12	0.2	0.03	6.2	0.1	<0.05	5	<0.5	<0.2
1068498	Soil		27	31	0.46	160	0.086	<1	1.42	0.020	0.13	0.2	0.02	6.5	0.1	<0.05	5	0.5	<0.2
1068493	Soil		14	52	0.63	264	0.066	1	3.49	0.011	0.10	0.2	0.06	7.1	0.2	<0.05	11	1.0	<0.2
1067005	Soil		9	29	0.41	88	0.086	1	1.85	0.010	0.07	0.2	0.07	3.2	0.1	<0.05	7	<0.5	<0.2
1068496	Soil		10	27	0.39	200	0.052	1	1.53	0.017	0.10	0.2	0.07	2.8	0.1	<0.05	5	0.7	<0.2
1068495	Soil		15	24	0.46	114	0.094	<1	1.35	0.012	0.22	0.1	0.07	2.5	0.2	<0.05	8	0.6	<0.2
1068651	Soil		9	52	0.57	109	0.082	<1	1.28	0.021	0.12	0.2	0.03	3.9	0.1	<0.05	4	<0.5	<0.2
1068646	Soil		24	33	0.47	140	0.115	2	1.43	0.023	0.17	0.1	0.03	6.4	0.2	<0.05	5	<0.5	<0.2
1068500	Soil		17	33	0.62	256	0.098	1	2.25	0.014	0.15	0.3	0.08	4.7	0.2	<0.05	7	0.6	<0.2
1067001	Soil		15	30	0.57	154	0.110	1	1.97	0.019	0.17	0.4	0.05	4.0	0.2	<0.05	6	<0.5	<0.2
1067003	Soil		12	28	0.54	142	0.114	1	1.88	0.015	0.21	0.9	0.05	4.0	0.2	<0.05	6	<0.5	<0.2
1067004	Soil		13	25	0.52	130	0.117	<1	1.48	0.022	0.16	0.2	0.02	3.6	0.1	<0.05	5	<0.5	<0.2
1067010	Soil		14	26	0.49	111	0.098	<1	1.81	0.015	0.15	0.2	0.04	3.8	0.2	<0.05	5	<0.5	<0.2
1067002	Soil		10	20	0.23	76	0.032	<1	1.17	0.010	0.07	0.1	0.07	1.2	0.1	<0.05	5	<0.5	<0.2
1067012	Soil		6	14	0.25	55	0.045	1	1.10	0.020	0.03	0.1	0.06	1.4	<0.1	<0.05	4	<0.5	<0.2
1067008	Soil		16	38	0.80	231	0.145	<1	2.01	0.018	0.32	0.3	0.04	4.5	0.3	<0.05	6	<0.5	<0.2
1067009	Soil		14	25	0.51	106	0.097	<1	1.71	0.011	0.14	0.3	0.06	3.5	0.2	<0.05	5	<0.5	<0.2
1067018	Soil		14	39	0.68	191	0.130	<1	1.96	0.016	0.20	0.6	0.05	4.0	0.2	<0.05	6	<0.5	<0.2
1067011	Soil		14	25	0.46	116	0.102	<1	1.43	0.011	0.16	0.2	0.05	3.3	0.2	<0.05	5	0.6	<0.2
1067007	Soil		10	25	0.34	84	0.070	<1	1.48	0.007	0.07	0.3	0.06	2.1	0.1	<0.05	6	0.6	<0.2
1067006	Soil		12	28	0.36	241	0.087	<1	1.43	0.008	0.17	0.1	0.08	3.0	0.2	<0.05	7	<0.5	<0.2
1067016	Soil		11	32	0.47	117	0.072	<1	2.31	0.009	0.06	0.2	0.08	3.3	0.1	<0.05	5	0.5	<0.2
1068436	Soil		13	40	0.43	196	0.079	<1	1.51	0.013	0.10	0.3	0.05	5.2	0.1	<0.05	4	0.5	<0.2
1068438	Soil		9	29	0.31	78	0.064	<1	1.82	0.008	0.06	0.2	0.08	2.3	0.2	<0.05	6	0.9	<0.2
1068439	Soil		10	28	0.40	102	0.075	<1	1.61	0.012	0.06	0.2	0.07	2.6	<0.1	<0.05	4	0.7	<0.2
1068440	Soil		9	39	0.42	142	0.083	<1	3.00	0.009	0.04	<0.1	0.07	4.3	0.1	<0.05	7	<0.5	<0.2
1068441	Soil		10	28	0.36	111	0.062	<1	1.51	0.009	0.09	0.6	0.03	2.4	0.1	<0.05	5	0.5	<0.2
1068442	Soil		9	32	0.25	101	0.056	<1	2.63	0.011	0.04	0.2	0.05	2.7	0.1	<0.05	8	0.6	<0.2
1068443	Soil		9	24	0.27	78	0.052	<1	1.53	0.008	0.06	0.3	0.05	2.1	0.1	<0.05	5	<0.5	<0.2
1068444	Soil		6	21	0.21	76	0.039	<1	1.04	0.010	0.08	0.2	0.08	1.4	0.1	<0.05	5	<0.5	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1068423	Soil		1.3	11.4	12.1	23	<0.1	6.7	2.5	87	1.70	4.1	0.9	4.5	1.4	9	0.1	0.3	0.4	49	0.08	0.028
1068422	Soil		1.3	20.1	13.4	51	<0.1	17.2	9.3	451	2.50	8.1	3.5	2.7	2.6	18	0.1	0.3	0.6	65	0.18	0.052
1068421	Soil		0.8	19.7	9.7	58	<0.1	21.8	8.3	282	2.53	7.2	2.7	6.6	4.7	17	0.1	0.3	0.3	59	0.25	0.057
1068426	Soil		0.7	20.9	10.2	53	<0.1	21.0	7.1	165	1.98	6.6	4.4	4.2	3.2	19	0.3	0.3	0.5	54	0.27	0.055
1068427	Soil		1.1	16.5	16.8	40	<0.1	13.4	6.3	193	2.04	5.9	4.0	10.9	2.1	11	0.5	0.3	0.5	52	0.14	0.038
1068425	Soil		0.8	19.3	11.3	50	<0.1	20.4	8.2	292	2.35	8.9	3.6	3.5	4.2	12	0.3	0.3	1.3	53	0.17	0.041
1068424	Soil		0.8	14.8	8.7	49	<0.1	17.3	6.6	288	2.18	8.1	2.7	4.0	2.3	18	0.2	0.3	0.6	53	0.22	0.037
1068428	Soil		0.9	15.5	8.5	29	0.3	10.8	4.1	133	1.47	3.5	9.6	4.6	0.2	25	0.1	0.3	0.4	30	0.27	0.103
1068492	Soil		0.7	21.8	11.7	52	<0.1	23.2	9.1	269	3.04	5.6	3.0	6.2	5.4	18	0.2	0.4	0.3	61	0.26	0.063
1068494	Soil		1.0	21.6	12.6	60	<0.1	21.2	8.8	336	2.41	6.4	2.1	5.0	1.9	16	0.3	0.5	0.7	55	0.22	0.058
1068491	Soil		1.0	22.4	19.1	53	<0.1	22.3	9.8	293	3.48	6.8	7.5	4.8	6.3	21	0.2	0.4	0.4	65	0.30	0.069
1068447	Soil		0.6	11.6	6.0	22	0.1	6.9	3.9	104	1.46	8.5	4.2	2.5	1.6	7	<0.1	0.2	0.5	30	0.06	0.025
1068446	Soil		0.7	26.1	12.2	43	0.2	17.2	7.8	336	2.01	14.8	11.0	3.9	0.5	20	0.4	0.3	1.2	40	0.21	0.074
1068448	Soil		0.8	18.1	9.5	31	0.1	11.5	5.9	136	1.82	11.4	6.5	3.9	2.4	8	0.2	0.3	0.8	36	0.08	0.034
1068450	Soil		0.9	18.3	10.9	70	<0.1	19.9	7.8	350	2.88	5.4	1.3	4.6	3.1	12	0.2	0.3	0.3	56	0.15	0.035
1068451	Soil		1.0	12.2	9.3	36	0.1	11.0	5.2	169	1.98	4.1	1.1	2.7	1.4	11	<0.1	0.2	0.3	48	0.14	0.033
1068449	Soil		0.9	20.3	10.2	67	<0.1	18.9	8.2	429	2.81	5.0	1.4	2.5	2.4	12	0.2	0.4	0.3	55	0.16	0.038
1068453	Soil		0.8	19.2	11.1	57	<0.1	21.4	9.3	339	2.80	6.3	0.9	4.5	5.4	15	0.2	0.3	0.2	66	0.26	0.058
1068452	Soil		0.8	22.3	10.3	64	<0.1	23.6	10.1	412	2.96	6.4	1.7	2.5	7.2	21	<0.1	0.3	0.3	64	0.30	0.063
1068433	Soil		0.2	18.9	10.0	19	0.1	12.2	3.2	50	1.23	6.2	3.9	4.0	1.1	14	0.2	0.3	0.6	31	0.19	0.080
1068434	Soil		0.7	22.9	11.0	34	<0.1	15.6	4.9	101	1.45	3.6	2.9	1.0	5.7	18	0.1	0.5	0.8	49	0.22	0.020
1068445	Soil		0.9	28.7	14.1	59	<0.1	20.2	10.4	324	3.01	25.9	14.6	2.1	5.4	13	0.2	0.4	2.1	58	0.13	0.035
1068435	Soil		0.3	27.8	10.4	48	<0.1	22.8	9.2	331	2.48	6.6	3.6	2.9	5.7	24	0.2	0.6	0.9	58	0.36	0.057
1068437	Soil		1.2	14.7	10.7	57	<0.1	19.3	7.8	281	2.88	8.7	1.4	1.6	1.7	13	0.2	0.5	0.5	65	0.12	0.046
1068640	Soil		0.6	25.1	6.4	69	<0.1	24.6	15.9	536	3.41	4.8	1.7	2.2	8.6	14	0.3	0.3	0.1	76	0.35	0.096
1068637	Soil		0.7	21.1	8.1	69	<0.1	24.4	11.1	467	2.73	6.9	3.5	2.4	3.7	16	0.1	0.4	0.2	59	0.23	0.065
1068643	Soil		1.0	22.1	7.6	61	<0.1	22.5	10.4	442	2.80	6.0	3.8	0.8	6.4	17	0.1	0.4	0.2	64	0.29	0.081
1068645	Soil		0.5	29.5	12.2	79	<0.1	28.7	13.0	441	3.15	5.1	13.2	5.2	7.5	23	0.2	0.6	0.3	70	0.34	0.101
1068641	Soil		1.0	29.2	9.2	71	<0.1	27.8	12.6	562	2.95	7.3	15.4	3.2	7.9	17	0.2	0.4	0.2	68	0.28	0.081
1068639	Soil		1.1	20.6	7.4	40	<0.1	8.3	3.9	167	2.35	3.3	2.7	1.4	6.8	8	<0.1	0.4	0.2	51	0.07	0.078

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

Project: ECH
Report Date: July 13, 2011

CERTIFICATE OF ANALYSIS WHI11000466.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1068423	Soil		8	17	0.13	72	0.048	<1	1.24	0.006	0.05	<0.1	0.03	1.5	0.1	<0.05	6	0.7	<0.2
1068422	Soil		12	27	0.35	175	0.071	<1	1.55	0.011	0.08	0.1	0.02	2.6	0.1	<0.05	7	<0.5	<0.2
1068421	Soil		13	32	0.47	152	0.079	<1	1.75	0.010	0.08	0.2	0.03	3.1	0.1	<0.05	5	<0.5	<0.2
1068426	Soil		13	30	0.43	185	0.073	<1	1.74	0.012	0.07	0.2	0.04	3.5	0.1	<0.05	5	<0.5	<0.2
1068427	Soil		10	27	0.32	85	0.063	<1	1.34	0.010	0.06	0.1	0.04	2.5	0.1	<0.05	5	0.6	<0.2
1068425	Soil		12	28	0.39	128	0.074	<1	1.56	0.009	0.07	0.2	0.03	3.0	0.1	<0.05	5	<0.5	<0.2
1068424	Soil		10	26	0.37	133	0.069	<1	1.33	0.009	0.08	0.2	0.05	2.1	<0.1	<0.05	5	0.6	<0.2
1068428	Soil		9	20	0.21	212	0.018	<1	1.11	0.013	0.05	0.1	0.08	1.8	0.1	<0.05	3	<0.5	<0.2
1068492	Soil		23	38	0.56	187	0.091	<1	1.87	0.008	0.11	0.2	0.03	4.6	0.2	<0.05	6	0.5	<0.2
1068494	Soil		11	27	0.44	133	0.070	<1	1.58	0.012	0.07	0.1	0.03	2.8	0.1	<0.05	5	<0.5	<0.2
1068491	Soil		22	38	0.45	204	0.066	<1	2.00	0.009	0.08	0.1	0.04	5.8	0.2	<0.05	6	0.6	<0.2
1068447	Soil		10	14	0.14	63	0.045	<1	1.28	0.016	0.06	0.2	0.04	2.2	0.1	<0.05	4	0.5	<0.2
1068446	Soil		13	23	0.29	208	0.030	<1	1.59	0.011	0.08	0.2	0.05	2.1	0.2	<0.05	5	0.6	<0.2
1068448	Soil		13	21	0.20	102	0.050	<1	1.77	0.017	0.07	0.3	0.04	3.4	0.2	<0.05	5	0.6	<0.2
1068450	Soil		14	30	0.52	106	0.065	<1	1.78	0.007	0.11	0.1	0.02	2.5	0.2	<0.05	6	<0.5	<0.2
1068451	Soil		11	19	0.26	88	0.060	<1	1.06	0.012	0.10	0.3	0.02	1.9	0.1	<0.05	6	<0.5	<0.2
1068449	Soil		14	30	0.51	105	0.063	<1	1.82	0.014	0.11	<0.1	0.02	2.4	0.2	<0.05	6	0.6	<0.2
1068453	Soil		14	33	0.53	126	0.095	<1	1.72	0.010	0.10	0.2	<0.01	3.2	0.1	<0.05	6	<0.5	<0.2
1068452	Soil		21	40	0.60	173	0.106	<1	2.02	0.010	0.12	0.2	0.03	5.2	0.2	<0.05	6	<0.5	<0.2
1068433	Soil		8	24	0.16	100	0.029	<1	1.09	0.011	0.06	0.2	0.06	2.9	0.1	0.08	4	0.7	<0.2
1068434	Soil		13	32	0.29	146	0.082	1	1.50	0.013	0.09	0.1	0.03	3.9	0.2	0.08	5	<0.5	<0.2
1068445	Soil		14	34	0.43	125	0.059	1	2.46	0.010	0.11	0.5	0.04	4.2	0.3	<0.05	7	<0.5	<0.2
1068435	Soil		13	34	0.39	234	0.079	3	1.60	0.021	0.11	0.1	0.04	4.6	0.1	<0.05	5	<0.5	<0.2
1068437	Soil		8	27	0.33	104	0.063	<1	2.36	0.010	0.05	0.2	0.06	2.0	0.1	<0.05	7	<0.5	<0.2
1068640	Soil		19	35	0.87	148	0.199	2	2.28	0.017	0.30	0.2	0.02	4.0	0.4	<0.05	8	<0.5	<0.2
1068637	Soil		13	33	0.64	102	0.114	2	1.82	0.015	0.13	0.1	0.06	3.2	0.2	<0.05	6	<0.5	<0.2
1068643	Soil		28	31	0.59	127	0.124	1	1.65	0.014	0.17	0.2	0.03	3.4	0.2	<0.05	6	<0.5	<0.2
1068645	Soil		30	39	0.62	172	0.125	<1	1.67	0.019	0.20	0.2	0.03	6.5	0.3	<0.05	6	<0.5	<0.2
1068641	Soil		25	34	0.65	137	0.147	2	2.00	0.016	0.20	0.2	0.04	4.2	0.3	<0.05	7	<0.5	<0.2
1068639	Soil		18	20	0.24	52	0.134	<1	1.65	0.013	0.27	0.2	0.10	4.1	0.3	0.13	10	<0.5	<0.2

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Project: ECH
Report Date: July 13, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1068636	Soil		0.6	26.1	11.3	58	<0.1	25.7	11.1	400	2.57	7.5	2.4	2.3	3.5	16	<0.1	0.5	0.2	61	0.22	0.038
1068649	Soil		0.8	17.8	11.4	40	<0.1	14.8	10.4	140	2.70	2.4	6.1	0.9	5.0	12	<0.1	0.4	0.7	61	0.25	0.066
1068665	Soil		1.0	12.2	15.5	41	<0.1	12.1	5.7	280	1.99	50.0	3.3	<0.5	13.8	35	<0.1	2.4	0.4	38	0.25	0.044
1068653	Soil		1.2	21.4	10.8	75	<0.1	26.8	13.6	356	3.28	4.5	3.9	2.0	5.5	19	0.2	0.4	0.5	75	0.32	0.088
1068652	Soil		0.8	25.0	11.2	70	<0.1	26.7	18.4	679	3.91	4.1	7.0	1.5	4.6	26	<0.1	0.6	0.5	79	0.43	0.070
1068648	Soil		0.7	29.6	7.5	60	<0.1	31.5	20.2	313	3.61	4.0	2.9	1.8	4.6	17	0.1	0.4	0.2	85	0.39	0.075
1068647	Soil		0.3	29.0	7.7	59	<0.1	26.2	14.9	261	2.84	2.9	1.9	1.6	5.6	17	<0.1	0.3	0.2	78	0.33	0.076
1068656	Soil		0.5	27.7	7.3	62	<0.1	26.6	17.3	485	3.58	4.5	2.7	2.3	3.7	19	0.1	0.3	0.5	86	0.40	0.097
1068650	Soil		0.6	14.9	11.6	42	<0.1	16.2	9.2	159	2.19	3.0	5.0	2.0	5.4	15	0.1	0.4	0.4	55	0.32	0.066
1068655	Soil		0.5	27.9	8.6	60	<0.1	22.9	16.4	240	3.59	3.7	4.6	2.2	4.1	21	0.1	0.7	0.2	84	0.49	0.089
1068429	Soil		0.7	19.2	10.0	50	<0.1	19.5	8.0	236	2.40	7.6	5.1	3.2	3.9	22	0.1	0.4	0.5	54	0.28	0.063
1068430	Soil		0.3	8.3	9.8	38	<0.1	13.0	4.3	107	1.42	3.2	1.9	8.5	3.4	20	<0.1	0.3	0.7	32	0.26	0.038
1068712	Soil		0.7	23.1	10.9	59	<0.1	22.6	11.0	403	3.13	8.8	1.6	1.7	3.4	13	<0.1	0.5	0.3	64	0.15	0.049
1068530	Soil		1.0	24.2	9.5	62	<0.1	22.9	9.4	347	3.18	7.8	1.6	1.6	2.6	14	0.1	0.5	0.2	64	0.15	0.061
1068710	Soil		1.1	26.5	13.9	69	<0.1	26.2	11.2	475	3.38	11.5	1.9	1.4	2.8	11	0.1	0.6	0.3	61	0.12	0.056
1068707	Soil		0.8	21.4	10.2	51	<0.1	21.4	9.1	312	2.66	8.0	1.1	1.3	2.6	16	0.1	0.5	0.2	61	0.15	0.066
1068714	Soil		0.6	30.5	11.7	63	<0.1	32.0	17.9	592	3.46	19.3	1.5	0.6	7.6	11	<0.1	0.9	0.2	63	0.12	0.038
1068709	Soil		0.9	30.7	24.0	81	<0.1	28.5	14.5	634	3.92	9.4	2.5	1.2	6.2	10	0.2	0.7	0.5	47	0.10	0.042
1068711	Soil		0.8	26.6	17.7	68	<0.1	26.3	11.7	495	3.74	11.4	1.9	3.5	3.4	11	0.3	0.5	0.4	65	0.11	0.047
1068713	Soil		1.0	23.8	10.8	55	<0.1	25.1	11.1	410	3.22	7.6	1.5	0.7	2.6	12	0.2	0.5	0.3	65	0.14	0.061
1068716	Soil		0.9	38.1	8.5	81	<0.1	73.8	19.9	661	4.39	7.2	1.5	1.8	6.3	16	<0.1	0.3	0.2	56	0.11	0.031
1068715	Soil		1.0	32.1	11.0	75	<0.1	33.1	14.8	621	3.53	7.0	1.7	<0.5	8.7	12	<0.1	0.4	0.2	74	0.14	0.026
1068708	Soil		0.8	26.3	10.4	67	<0.1	25.5	12.2	462	3.25	5.3	1.5	1.2	3.4	12	0.1	0.3	0.3	58	0.13	0.040
1068735	Soil		0.7	15.4	12.5	39	<0.1	17.3	8.7	329	2.33	6.3	3.8	1.0	3.4	14	<0.1	0.4	0.6	53	0.16	0.040
1068706	Soil		1.2	25.3	10.5	62	<0.1	22.9	9.3	392	3.32	7.5	1.3	1.7	1.6	12	<0.1	0.5	0.3	70	0.13	0.048
1068731	Soil		0.6	30.7	9.1	61	<0.1	160.8	27.7	338	5.62	14.8	1.6	<0.5	9.5	19	<0.1	0.4	0.3	89	0.29	0.055
1068734	Soil		0.7	17.2	17.3	58	<0.1	21.0	7.1	342	2.34	7.3	7.8	2.2	7.2	28	<0.1	0.4	0.9	46	0.32	0.049
1068733	Soil		0.6	24.8	9.6	62	<0.1	35.5	11.3	349	2.83	9.1	1.3	3.5	3.9	17	0.1	0.5	0.3	58	0.18	0.034
1068730	Soil		0.5	25.2	9.5	65	<0.1	164.6	22.2	479	3.54	4.9	0.8	2.1	5.4	22	0.1	0.3	0.3	64	0.28	0.041
1068732	Soil		1.0	21.6	10.8	64	<0.1	66.6	13.3	584	3.10	11.0	0.9	1.8	4.8	21	0.2	0.5	0.5	53	0.24	0.062

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1068636	Soil	11	29	0.54	93	0.099	2	1.89	0.015	0.08	0.2	0.03	3.3	<0.1	0.07	5	<0.5	<0.2
1068649	Soil	17	48	0.54	107	0.061	<1	1.75	0.014	0.14	0.1	0.02	5.8	0.2	<0.05	6	<0.5	<0.2
1068665	Soil	28	19	0.29	101	0.050	<1	1.00	0.013	0.07	0.4	0.02	3.2	0.1	<0.05	3	<0.5	<0.2
1068653	Soil	14	50	0.85	136	0.144	1	2.39	0.016	0.27	0.4	0.04	5.0	0.3	<0.05	8	0.6	<0.2
1068652	Soil	16	56	0.73	168	0.101	<1	1.69	0.023	0.22	0.2	0.03	9.1	0.3	0.05	6	<0.5	<0.2
1068648	Soil	18	85	0.95	208	0.152	1	1.84	0.021	0.41	0.2	0.01	7.7	0.3	<0.05	7	<0.5	<0.2
1068647	Soil	19	69	1.00	196	0.183	<1	2.02	0.018	0.34	0.2	<0.01	5.2	0.3	0.06	7	<0.5	<0.2
1068656	Soil	14	70	0.95	223	0.132	<1	2.04	0.014	0.22	0.6	0.02	6.4	0.3	<0.05	7	<0.5	<0.2
1068650	Soil	12	45	0.64	118	0.095	<1	1.74	0.017	0.12	0.2	0.04	4.2	0.2	<0.05	6	<0.5	<0.2
1068655	Soil	13	90	1.02	216	0.124	<1	2.21	0.020	0.37	<0.1	0.03	8.6	0.3	<0.05	7	<0.5	<0.2
1068429	Soil	12	31	0.45	157	0.076	1	1.79	0.012	0.08	0.2	0.02	3.3	0.1	<0.05	5	<0.5	<0.2
1068430	Soil	9	25	0.32	126	0.057	<1	1.40	0.011	0.07	0.2	0.03	2.3	0.1	<0.05	4	<0.5	<0.2
1068712	Soil	17	33	0.56	66	0.102	1	2.14	0.012	0.12	0.1	0.04	3.1	0.2	<0.05	6	<0.5	<0.2
1068530	Soil	12	35	0.53	85	0.108	2	2.15	0.014	0.16	0.1	0.06	3.2	0.3	0.05	7	<0.5	<0.2
1068710	Soil	15	30	0.44	76	0.087	<1	1.75	0.010	0.14	0.1	0.04	2.3	0.2	0.06	6	<0.5	<0.2
1068707	Soil	14	32	0.56	103	0.085	2	2.30	0.012	0.11	0.1	0.07	3.3	0.2	0.07	6	<0.5	<0.2
1068714	Soil	23	38	0.61	71	0.065	<1	2.02	0.013	0.13	0.1	0.03	4.5	0.2	<0.05	6	<0.5	<0.2
1068709	Soil	23	26	0.37	63	0.055	<1	1.49	0.008	0.11	0.1	0.03	2.8	0.3	<0.05	4	<0.5	<0.2
1068711	Soil	17	32	0.64	73	0.120	1	2.32	0.012	0.22	0.1	0.05	2.6	0.3	0.09	7	<0.5	<0.2
1068713	Soil	15	43	0.57	80	0.087	1	1.94	0.014	0.15	0.1	0.06	3.3	0.2	0.10	6	<0.5	<0.2
1068716	Soil	16	47	0.88	116	0.138	<1	1.91	0.014	0.41	0.1	0.03	3.8	0.4	0.17	6	<0.5	<0.2
1068715	Soil	19	47	0.76	96	0.117	<1	2.57	0.012	0.18	0.1	0.01	6.5	0.3	<0.05	7	<0.5	<0.2
1068708	Soil	13	31	0.55	85	0.103	<1	1.89	0.011	0.20	0.1	0.02	2.8	0.2	0.05	5	<0.5	<0.2
1068735	Soil	12	30	0.38	74	0.060	<1	1.55	0.009	0.08	0.2	0.02	2.5	0.1	<0.05	5	<0.5	<0.2
1068706	Soil	10	36	0.46	80	0.092	<1	2.01	0.010	0.11	0.1	0.05	2.4	0.2	0.14	7	<0.5	<0.2
1068731	Soil	35	121	1.43	181	0.149	1	2.08	0.025	0.29	0.2	0.02	6.9	0.3	0.07	7	0.5	<0.2
1068734	Soil	13	34	0.44	153	0.074	2	1.35	0.021	0.11	0.2	0.01	3.6	0.2	<0.05	4	<0.5	<0.2
1068733	Soil	10	35	0.64	105	0.085	2	2.39	0.014	0.08	0.2	0.04	2.8	0.1	<0.05	6	<0.5	<0.2
1068730	Soil	15	107	1.50	183	0.128	<1	2.29	0.022	0.23	0.3	0.01	4.7	0.3	0.06	7	<0.5	<0.2
1068732	Soil	15	50	0.69	124	0.070	<1	1.74	0.016	0.14	0.2	0.02	3.0	0.1	<0.05	5	0.9	<0.2

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Project: ECH
Report Date: July 13, 2011

CERTIFICATE OF ANALYSIS WHI11000466.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1068727	Soil		0.8	23.2	6.1	61	<0.1	535.0	80.6	1149	4.44	5.6	0.6	<0.5	0.8	23	0.2	0.4	0.2	42	0.31	0.217
1068729	Soil		0.4	24.5	5.8	48	<0.1	408.8	29.3	530	3.35	2.9	0.4	1.3	2.9	17	0.1	0.1	0.1	66	0.24	0.047
1068728	Soil		0.5	24.1	3.7	40	<0.1	428.1	44.1	540	3.05	3.0	0.2	<0.5	0.8	13	<0.1	0.2	<0.1	50	0.21	0.044
1068723	Soil		0.6	22.7	7.6	56	<0.1	282.8	24.3	494	3.40	8.6	0.5	0.6	3.1	19	<0.1	0.4	0.1	68	0.21	0.028
1068722	Soil		0.6	25.0	6.9	53	<0.1	446.5	27.9	405	3.31	4.3	0.6	2.9	2.7	23	0.1	0.4	0.1	47	0.27	0.030
1068720	Soil		0.6	25.5	5.0	59	<0.1	1111	85.8	1074	4.22	4.8	0.3	0.5	0.7	15	0.1	0.3	<0.1	32	0.19	0.064
1068717	Soil		0.6	26.2	6.7	44	<0.1	505.9	38.9	498	3.51	5.5	0.3	1.9	1.7	15	<0.1	0.3	0.1	52	0.16	0.034
1068719	Soil		0.3	31.9	6.4	47	<0.1	394.7	27.3	376	3.19	4.3	0.5	1.7	2.3	19	<0.1	0.2	0.1	56	0.23	0.025
1068726	Soil		0.5	21.2	6.7	59	<0.1	433.8	38.5	708	3.40	5.7	0.4	2.1	2.0	21	0.2	0.4	0.1	54	0.27	0.043
1068724	Soil		0.4	19.1	5.4	45	<0.1	384.9	28.9	434	3.39	4.5	0.5	3.4	2.4	21	<0.1	0.2	<0.1	52	0.23	0.022
1068725	Soil		0.7	26.6	6.6	53	<0.1	553.3	44.6	629	4.61	6.2	0.5	<0.5	0.9	13	0.1	0.3	0.2	63	0.24	0.074
1068718	Soil		0.8	27.0	7.7	49	<0.1	464.7	37.4	601	3.57	6.5	0.5	4.1	1.7	20	0.2	0.4	0.1	60	0.21	0.041
1068721	Soil		0.5	19.6	4.1	56	<0.1	1060	101.3	1447	4.78	3.8	0.4	<0.5	0.4	16	0.2	0.2	<0.1	31	0.20	0.114
1068404	Soil		0.8	21.4	11.6	56	<0.1	19.1	10.2	473	2.58	11.6	2.5	3.6	2.3	22	<0.1	0.3	0.6	55	0.19	0.047
1068401	Soil		0.7	15.3	8.3	61	<0.1	18.3	7.5	237	2.47	9.9	1.8	1.6	3.0	20	0.1	0.4	0.3	52	0.24	0.053
1068411	Soil		0.8	25.7	11.7	61	0.1	19.2	7.4	299	2.79	6.7	2.3	3.0	3.8	20	<0.1	0.3	0.4	57	0.20	0.040
1068412	Soil		0.7	18.5	8.0	66	<0.1	20.6	9.2	347	2.86	7.7	2.1	5.0	5.7	21	<0.1	0.4	0.3	54	0.25	0.056
1068408	Soil		0.8	15.5	10.2	47	<0.1	16.3	6.7	214	2.45	7.0	1.3	0.8	2.6	17	0.2	0.3	0.4	52	0.15	0.041
1068410	Soil		0.9	21.5	13.0	72	<0.1	22.6	12.7	596	3.22	10.1	2.5	2.6	3.9	24	0.1	0.4	0.6	61	0.25	0.053
1068406	Soil		1.1	17.3	10.8	68	<0.1	20.4	10.6	537	3.22	12.3	1.9	1.2	4.3	18	0.1	0.4	0.5	62	0.19	0.049
1068409	Soil		1.0	25.5	12.0	69	0.1	22.0	9.8	438	3.06	9.5	3.9	1.3	2.1	23	0.2	0.3	0.7	57	0.22	0.056
1068399	Soil		0.9	21.5	10.2	61	<0.1	18.3	8.5	342	2.48	7.1	2.7	1.8	2.5	22	0.1	0.4	0.3	54	0.24	0.062
1068405	Soil		0.8	22.1	9.7	50	0.1	17.3	6.0	213	2.26	7.9	2.4	2.0	1.0	26	0.1	0.3	0.4	45	0.26	0.055
1068402	Soil		0.8	18.0	9.8	67	<0.1	21.0	8.7	362	2.83	6.5	2.4	3.2	5.2	22	0.1	0.3	0.3	53	0.26	0.055
1068403	Soil		0.6	18.5	10.7	64	<0.1	22.6	9.0	293	2.97	5.8	2.0	2.4	6.3	23	0.1	0.3	0.3	54	0.27	0.053
1068413	Soil		0.6	14.0	10.2	36	<0.1	9.3	3.6	123	1.51	3.6	1.1	<0.5	2.0	14	<0.1	0.2	0.3	39	0.13	0.030
1068397	Soil		0.7	19.3	11.4	66	<0.1	18.2	6.8	250	2.70	5.2	1.7	1.4	3.2	17	0.1	0.4	0.2	52	0.23	0.055
1068395	Soil		1.1	19.5	13.7	51	0.2	19.5	16.7	1082	3.11	5.2	3.0	2.4	0.9	19	<0.1	0.3	0.3	54	0.18	0.087
1068386	Soil		1.2	17.5	13.2	69	<0.1	22.8	11.7	624	3.42	8.1	1.0	6.2	7.4	21	0.1	0.3	0.3	70	0.24	0.047
1068393	Soil		0.6	9.5	9.1	42	<0.1	11.6	4.9	190	1.83	3.7	1.8	2.5	2.5	19	<0.1	0.2	0.2	33	0.21	0.036

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Project: ECH
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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1068727	Soil		5	292	4.30	110	0.031	3	1.34	0.015	0.06	<0.1	0.03	3.5	<0.1	0.12	3	0.6	<0.2
1068729	Soil		8	268	3.33	111	0.108	2	1.77	0.021	0.08	<0.1	<0.01	5.1	0.2	<0.05	5	0.7	<0.2
1068728	Soil		3	320	4.09	76	0.048	2	1.75	0.018	0.03	<0.1	0.01	3.0	<0.1	<0.05	4	<0.5	<0.2
1068723	Soil		9	94	1.75	146	0.083	4	2.03	0.016	0.06	0.2	0.01	4.6	<0.1	<0.05	5	<0.5	<0.2
1068722	Soil		9	204	2.84	127	0.086	2	1.64	0.027	0.06	<0.1	0.02	4.7	<0.1	<0.05	4	0.7	<0.2
1068720	Soil		4	323	9.77	82	0.027	4	0.81	0.017	0.04	<0.1	0.05	3.5	<0.1	0.10	2	0.7	<0.2
1068717	Soil		5	291	2.27	91	0.053	2	1.30	0.012	0.05	<0.1	0.03	3.2	<0.1	0.06	4	<0.5	<0.2
1068719	Soil		7	210	2.13	120	0.084	2	1.63	0.021	0.05	<0.1	0.03	4.9	<0.1	<0.05	4	<0.5	<0.2
1068726	Soil		7	179	2.81	159	0.072	1	1.56	0.018	0.05	<0.1	0.04	3.3	<0.1	<0.05	4	<0.5	<0.2
1068724	Soil		7	163	2.56	99	0.093	1	1.50	0.022	0.05	<0.1	0.02	4.0	<0.1	<0.05	4	<0.5	<0.2
1068725	Soil		6	371	3.10	89	0.048	1	1.61	0.008	0.04	<0.1	0.03	4.7	<0.1	0.05	5	0.8	<0.2
1068718	Soil		7	187	2.43	116	0.067	2	1.87	0.023	0.05	<0.1	0.04	3.7	<0.1	<0.05	4	<0.5	<0.2
1068721	Soil		4	392	9.57	80	0.022	3	0.88	0.014	0.04	<0.1	0.04	3.4	<0.1	0.10	2	0.7	<0.2
1068404	Soil		16	27	0.50	147	0.091	<1	1.87	0.012	0.17	0.2	0.02	2.9	0.3	<0.05	8	<0.5	<0.2
1068401	Soil		13	29	0.54	108	0.077	1	1.85	0.016	0.10	0.2	0.03	2.7	0.1	<0.05	6	0.8	<0.2
1068411	Soil		17	30	0.53	138	0.107	3	2.25	0.014	0.19	0.2	0.02	2.9	0.2	<0.05	7	0.6	<0.2
1068412	Soil		18	32	0.63	134	0.136	3	1.94	0.015	0.26	0.2	0.02	3.3	0.2	<0.05	6	<0.5	<0.2
1068408	Soil		12	23	0.40	113	0.094	2	1.63	0.015	0.13	0.1	0.03	2.4	0.1	<0.05	7	<0.5	<0.2
1068410	Soil		14	32	0.60	147	0.111	<1	2.14	0.013	0.23	0.4	0.03	3.0	0.3	<0.05	8	<0.5	<0.2
1068406	Soil		13	31	0.51	120	0.107	2	1.72	0.012	0.16	0.2	0.03	2.7	0.2	<0.05	7	0.6	<0.2
1068409	Soil		14	32	0.54	144	0.091	2	2.32	0.018	0.19	0.4	0.02	2.9	0.2	0.06	8	<0.5	<0.2
1068399	Soil		18	29	0.52	142	0.083	1	1.77	0.013	0.12	0.2	0.02	3.1	0.1	<0.05	6	<0.5	<0.2
1068405	Soil		13	24	0.45	135	0.062	1	1.74	0.016	0.14	0.2	0.03	2.3	0.2	<0.05	6	<0.5	<0.2
1068402	Soil		17	33	0.65	146	0.117	2	2.11	0.014	0.22	0.2	0.02	3.2	0.3	<0.05	6	<0.5	<0.2
1068403	Soil		17	35	0.68	142	0.131	1	2.17	0.013	0.27	0.2	0.02	3.5	0.3	<0.05	6	<0.5	<0.2
1068413	Soil		12	18	0.27	108	0.077	2	1.43	0.018	0.10	0.1	0.01	1.9	0.1	<0.05	6	<0.5	<0.2
1068397	Soil		15	33	0.54	112	0.100	1	2.23	0.010	0.15	0.1	0.02	2.7	0.2	<0.05	7	0.5	<0.2
1068395	Soil		10	43	0.51	161	0.056	1	2.44	0.020	0.09	<0.1	0.05	2.5	0.3	0.06	7	0.5	<0.2
1068386	Soil		17	35	0.54	160	0.093	2	2.50	0.013	0.14	0.2	0.02	3.6	0.2	<0.05	8	<0.5	<0.2
1068393	Soil		12	19	0.35	91	0.068	<1	1.47	0.021	0.12	0.1	0.02	2.0	0.2	<0.05	6	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1068390	Soil		1.0	13.5	9.6	58	<0.1	16.8	8.6	439	2.72	5.8	1.7	1.4	2.0	12	0.2	0.3	0.4	55	0.14	0.062
1068396	Soil		0.8	21.9	9.9	62	<0.1	21.8	10.0	349	2.70	5.9	1.2	2.0	4.2	16	0.1	0.4	0.3	49	0.23	0.066
1068388	Soil		1.0	19.2	12.4	59	<0.1	20.6	10.6	492	2.80	7.8	2.3	3.7	8.8	16	0.2	0.4	0.3	54	0.20	0.054
1068387	Soil		1.3	19.8	13.4	63	0.1	23.8	9.8	405	3.31	9.1	2.0	1.4	4.0	25	0.2	0.4	0.3	64	0.32	0.054
1068394	Soil		0.5	14.7	8.8	72	0.1	16.7	8.5	293	2.92	6.4	6.6	<0.5	8.4	19	<0.1	0.4	0.3	37	0.34	0.086
1068398	Soil		0.8	16.4	10.1	65	<0.1	18.9	7.9	241	2.43	5.9	1.4	2.8	3.1	16	<0.1	0.5	0.3	54	0.21	0.061
1068392	Soil		0.5	12.0	8.6	56	<0.1	16.5	5.9	221	2.22	5.4	1.4	5.8	3.2	18	0.1	0.3	0.3	45	0.23	0.043
1068389	Soil		1.2	24.9	12.6	59	0.3	20.3	12.9	810	3.02	6.1	2.7	3.5	1.2	16	0.2	0.3	0.3	49	0.18	0.102
1068414	Soil		1.0	13.8	9.7	62	<0.1	19.4	10.5	501	2.86	12.0	1.3	<0.5	4.9	16	0.2	0.3	0.4	57	0.17	0.053
1068417	Soil		1.1	14.4	10.0	64	<0.1	19.2	11.5	599	2.99	14.3	2.0	<0.5	4.1	16	<0.1	0.4	0.5	57	0.19	0.071
1068391	Soil		0.9	14.7	10.8	76	0.1	19.2	8.2	343	2.94	4.5	5.9	2.8	2.7	26	<0.1	0.3	0.4	52	0.29	0.080
1068400	Soil		0.8	21.5	9.4	68	<0.1	22.8	10.1	408	2.76	5.5	1.3	3.0	3.7	17	0.2	0.4	0.2	51	0.25	0.074
1068416	Soil		0.9	12.9	8.7	41	<0.1	12.5	6.2	215	1.81	6.6	1.1	0.7	2.1	17	0.1	0.3	0.3	46	0.16	0.029
1068415	Soil		1.0	13.5	9.8	62	<0.1	18.0	9.3	414	2.67	10.8	1.3	1.9	4.8	16	0.1	0.4	0.4	54	0.18	0.049
1068462	Soil		0.7	23.5	8.6	69	<0.1	26.7	11.7	459	2.85	7.2	2.7	5.7	3.8	16	0.3	0.6	0.2	63	0.24	0.090
1068461	Soil		0.6	19.4	6.9	52	<0.1	24.7	10.3	434	2.68	6.6	1.1	10.4	3.2	15	0.2	0.4	0.3	59	0.20	0.053
1068469	Soil		0.7	18.7	7.8	59	<0.1	22.3	9.9	420	2.70	6.4	2.4	3.3	5.6	17	0.2	0.5	0.4	56	0.28	0.107
1068467	Soil		0.7	17.3	15.1	66	<0.1	24.0	12.2	503	3.82	7.6	2.1	1.3	5.4	17	0.1	0.6	0.2	62	0.27	0.090
1068459	Soil		1.1	18.5	10.1	49	<0.1	16.4	7.1	338	2.87	7.1	1.1	4.3	0.8	12	0.2	0.5	0.3	66	0.13	0.070
1068458	Soil		0.8	22.3	8.3	61	<0.1	25.8	10.8	392	2.81	8.4	0.8	1.4	2.4	14	0.2	0.5	0.2	59	0.18	0.054
1068468	Soil		0.8	16.8	10.0	65	<0.1	19.0	11.6	547	3.02	7.1	2.3	0.5	3.3	18	0.2	0.4	0.3	58	0.26	0.092
1068463	Soil		1.0	36.1	10.4	79	<0.1	28.2	13.9	602	3.60	8.1	4.6	2.4	4.8	17	0.3	0.6	0.3	67	0.24	0.103
1068460	Soil		1.0	19.4	8.3	51	<0.1	23.9	10.9	383	2.77	7.4	0.7	4.4	2.7	12	0.2	0.5	0.6	59	0.16	0.056
1068457	Soil		1.3	19.6	8.1	59	<0.1	19.8	7.9	281	2.48	6.7	0.8	3.5	1.4	15	0.2	0.5	0.2	57	0.19	0.063
1068464	Soil		0.7	21.2	8.2	69	<0.1	39.1	15.5	564	3.91	5.3	2.5	0.6	4.0	21	0.1	0.4	0.3	77	0.35	0.115
1068478	Soil		2.2	14.5	10.6	63	<0.1	15.6	8.0	732	2.80	14.5	3.3	3.7	3.2	24	0.4	0.9	0.3	65	0.23	0.054
1068456	Soil		0.7	22.8	7.7	51	<0.1	22.3	8.7	325	2.69	6.6	0.9	1.8	2.5	16	<0.1	0.4	0.2	59	0.22	0.075
1068470	Soil		0.7	16.1	15.0	61	<0.1	22.8	11.6	525	2.81	6.5	2.7	1.8	5.1	19	0.2	0.5	0.2	56	0.28	0.097
1068466	Soil		0.6	19.7	9.8	60	<0.1	21.9	10.9	388	3.39	18.5	2.6	1.3	5.3	19	0.1	1.0	0.3	63	0.36	0.117
1068465	Soil		0.9	17.8	8.4	57	<0.1	21.4	10.2	415	3.07	11.3	2.4	2.9	4.6	16	0.2	0.7	0.2	60	0.28	0.103

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

Project: ECH
Report Date: July 13, 2011

CERTIFICATE OF ANALYSIS WHI11000466.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1068390	Soil		10	29	0.42	104	0.068	<1	1.64	0.009	0.10	0.2	0.02	2.7	0.1	0.11	7	0.6	<0.2
1068396	Soil		12	31	0.53	142	0.104	<1	1.81	0.009	0.18	0.1	0.02	3.2	0.2	0.06	6	<0.5	<0.2
1068388	Soil		22	32	0.47	164	0.065	<1	1.91	0.009	0.10	0.2	0.03	4.3	0.2	<0.05	6	<0.5	<0.2
1068387	Soil		20	35	0.53	222	0.041	<1	2.33	0.014	0.12	0.2	0.03	4.0	0.2	<0.05	8	<0.5	<0.2
1068394	Soil		26	22	0.53	119	0.127	<1	1.78	0.009	0.34	0.1	0.03	4.9	0.4	<0.05	7	<0.5	<0.2
1068398	Soil		14	31	0.52	126	0.083	<1	1.79	0.009	0.12	0.2	0.04	3.1	0.2	<0.05	7	<0.5	<0.2
1068392	Soil		12	25	0.47	113	0.105	<1	1.52	0.012	0.19	0.2	0.03	2.8	0.2	<0.05	6	<0.5	<0.2
1068389	Soil		11	30	0.47	134	0.057	1	1.81	0.010	0.15	<0.1	0.05	2.6	0.2	0.07	6	0.6	<0.2
1068414	Soil		14	30	0.52	134	0.109	2	1.89	0.009	0.20	0.2	0.02	3.2	0.2	<0.05	8	<0.5	<0.2
1068417	Soil		15	28	0.43	140	0.092	<1	1.81	0.009	0.18	0.5	0.02	2.9	0.2	<0.05	7	<0.5	<0.2
1068391	Soil		15	31	0.55	142	0.083	<1	2.00	0.012	0.19	0.1	0.04	4.8	0.3	<0.05	7	<0.5	<0.2
1068400	Soil		14	33	0.55	130	0.108	2	1.73	0.011	0.20	0.1	0.02	3.0	0.2	<0.05	5	<0.5	<0.2
1068416	Soil		11	21	0.34	95	0.089	<1	1.24	0.013	0.14	0.2	0.02	2.0	0.1	<0.05	6	<0.5	<0.2
1068415	Soil		13	28	0.51	130	0.107	1	1.71	0.010	0.20	0.2	0.02	2.8	0.2	<0.05	7	<0.5	<0.2
1068462	Soil		14	30	0.55	170	0.101	1	1.86	0.014	0.09	0.3	0.03	3.1	0.2	<0.05	6	0.5	<0.2
1068461	Soil		12	28	0.58	120	0.106	1	1.81	0.012	0.10	0.2	0.04	2.8	0.2	<0.05	6	<0.5	<0.2
1068469	Soil		15	31	0.61	146	0.105	1	1.77	0.014	0.17	0.3	0.03	3.2	0.2	<0.05	6	<0.5	<0.2
1068467	Soil		13	31	0.83	212	0.122	1	2.18	0.010	0.39	0.2	0.03	4.7	0.4	<0.05	9	<0.5	<0.2
1068459	Soil		10	29	0.36	87	0.067	2	1.58	0.010	0.07	0.2	0.09	1.8	0.1	0.08	7	<0.5	<0.2
1068458	Soil		10	31	0.58	97	0.091	2	2.12	0.019	0.09	0.2	0.07	3.1	<0.1	0.11	6	<0.5	<0.2
1068468	Soil		13	31	0.56	200	0.103	<1	1.75	0.015	0.21	0.3	0.04	3.2	0.2	<0.05	7	<0.5	<0.2
1068463	Soil		16	38	0.84	398	0.127	1	2.41	0.014	0.32	0.2	0.06	4.4	0.3	<0.05	8	0.5	<0.2
1068460	Soil		11	31	0.56	90	0.096	2	2.01	0.012	0.09	0.2	0.04	2.9	<0.1	<0.05	6	0.9	<0.2
1068457	Soil		10	28	0.42	103	0.084	5	1.91	0.012	0.09	0.2	0.06	2.5	0.1	<0.05	6	<0.5	<0.2
1068464	Soil		15	61	0.98	382	0.152	<1	2.16	0.014	0.40	0.2	0.03	5.5	0.4	0.06	8	0.9	<0.2
1068478	Soil		19	28	0.39	197	0.094	2	1.45	0.010	0.19	0.2	0.03	3.5	0.3	<0.05	8	<0.5	<0.2
1068456	Soil		11	31	0.50	98	0.091	2	1.94	0.011	0.09	0.1	0.05	3.1	0.1	0.07	6	<0.5	<0.2
1068470	Soil		14	34	0.62	184	0.104	1	1.82	0.017	0.21	0.2	<0.01	3.3	0.2	<0.05	6	<0.5	<0.2
1068466	Soil		15	31	0.80	222	0.115	3	2.11	0.014	0.29	0.2	0.04	4.9	0.3	<0.05	7	<0.5	<0.2
1068465	Soil		14	31	0.69	185	0.116	1	1.88	0.012	0.24	0.3	0.04	4.1	0.3	<0.05	6	<0.5	<0.2

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Project: ECH
Report Date: July 13, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1067720	Soil		0.6	20.2	7.2	52	<0.1	22.2	9.6	440	2.13	5.4	3.1	0.5	4.8	17	0.3	0.4	0.1	51	0.25	0.074
1067718	Soil		0.4	12.0	13.5	44	<0.1	12.2	5.8	235	1.68	3.2	4.5	1.7	6.0	16	0.2	0.3	0.1	38	0.23	0.071
1067725	Soil		0.6	15.9	10.2	47	<0.1	17.3	7.2	299	2.29	5.1	5.7	4.5	5.9	11	0.2	0.3	0.2	51	0.13	0.044
1067717	Soil		0.4	16.2	8.3	44	<0.1	14.2	7.5	185	2.13	3.3	4.9	4.7	8.7	17	0.2	0.4	0.1	46	0.23	0.056
1067715	Soil		0.5	16.6	6.5	52	<0.1	17.3	8.9	274	2.23	3.7	2.7	5.4	7.4	16	0.1	0.3	0.1	51	0.28	0.088
1067709	Soil		0.6	9.1	26.0	34	<0.1	7.2	4.5	183	1.04	5.3	5.9	1.5	5.0	5	0.1	0.4	0.2	16	0.09	0.042
1067704	Soil		0.6	17.5	8.2	50	<0.1	25.3	10.4	289	2.35	2.8	5.7	2.7	6.5	15	<0.1	0.3	0.2	56	0.26	0.057
1067722	Soil		0.9	25.2	11.1	64	<0.1	25.0	9.7	418	2.50	6.7	8.7	3.8	6.3	14	0.1	0.4	0.2	60	0.25	0.067
1067707	Soil		0.7	12.0	8.9	33	<0.1	14.3	6.1	112	2.39	1.8	2.0	2.9	2.2	9	0.1	0.4	0.2	71	0.17	0.070
1067701	Soil		0.7	21.0	6.7	62	<0.1	21.8	10.1	368	2.43	4.9	2.0	1.8	5.6	14	0.2	0.3	<0.1	52	0.26	0.074
1067723	Soil		0.7	16.1	15.4	44	<0.1	13.1	5.8	168	1.82	3.6	10.6	0.6	16.5	14	0.2	0.3	0.2	39	0.17	0.046
1067716	Soil		0.7	19.3	7.6	51	<0.1	21.0	11.2	368	2.59	4.3	3.5	1.5	8.2	21	0.2	0.3	0.1	61	0.36	0.072
1067708	Soil		0.4	19.4	13.9	50	<0.1	19.0	10.9	324	2.14	5.4	13.4	4.9	7.3	15	0.1	0.3	0.1	52	0.24	0.060
1067702	Soil		1.3	46.2	9.9	127	<0.1	34.3	15.9	518	3.49	4.9	5.7	2.6	7.0	18	0.2	0.3	0.2	75	0.35	0.083
1067719	Soil		0.7	18.2	12.6	49	<0.1	17.6	7.4	328	2.05	5.8	10.0	1.5	7.1	19	<0.1	0.3	0.2	46	0.28	0.059
1067714	Soil		0.6	20.8	7.5	56	<0.1	20.2	9.8	345	2.18	4.4	3.6	4.4	7.4	19	0.1	0.3	0.1	53	0.29	0.065
1068477	Soil		0.9	12.7	11.9	43	<0.1	18.9	10.2	293	3.03	6.0	1.7	<0.5	6.9	13	0.2	0.4	0.2	64	0.26	0.077
1068476	Soil		1.1	16.8	10.2	49	<0.1	19.2	10.2	350	2.85	7.5	1.6	2.1	4.5	13	0.2	0.5	0.2	66	0.21	0.066
1068475	Soil		1.0	18.3	10.0	50	<0.1	21.4	9.9	296	2.98	8.4	1.1	1.9	3.6	11	0.1	0.5	0.1	71	0.14	0.036
1068473	Soil		1.2	15.1	10.8	50	<0.1	17.5	9.0	259	2.95	6.0	1.7	8.5	3.2	16	0.1	0.4	0.2	75	0.19	0.063
1068490	Soil		0.9	19.2	9.6	55	<0.1	27.0	13.3	396	3.00	8.3	1.1	2.8	3.9	13	0.1	0.5	0.2	65	0.19	0.048
1068474	Soil		1.0	19.5	9.8	54	<0.1	20.7	9.8	325	2.74	6.8	2.9	3.7	4.0	12	0.1	0.5	0.2	64	0.18	0.060
1068472	Soil		0.8	20.4	9.6	53	<0.1	23.4	10.4	304	2.90	7.3	1.6	3.4	3.9	14	0.2	0.4	0.2	66	0.19	0.054
1068480	Soil		0.9	21.0	10.5	59	<0.1	21.2	10.8	398	2.75	8.5	3.2	0.6	5.2	16	0.2	0.5	0.2	59	0.28	0.084
1068484	Soil		1.7	20.7	14.6	54	0.2	20.1	9.5	191	3.18	10.8	11.7	0.6	5.2	14	0.2	0.4	0.5	60	0.24	0.101
1068485	Soil		0.5	8.6	11.3	40	<0.1	13.5	5.2	118	1.86	5.0	2.5	6.6	5.5	14	0.1	0.5	0.3	41	0.25	0.072
1068481	Soil		0.8	14.2	13.0	45	<0.1	17.0	7.0	135	2.20	7.3	3.6	3.8	7.8	13	0.1	1.0	0.2	54	0.27	0.082
1068479	Soil		1.3	16.6	9.0	49	<0.1	18.6	9.3	228	2.55	4.6	1.9	1.0	4.1	20	0.2	0.4	0.3	63	0.34	0.076
1068471	Soil		0.7	19.3	9.1	63	<0.1	27.2	11.6	440	2.78	6.0	2.3	3.3	5.2	18	0.2	0.4	0.2	67	0.32	0.079
1068483	Soil		1.0	11.9	11.5	50	<0.1	25.1	10.2	302	3.30	10.5	1.7	2.6	6.2	11	0.1	0.5	0.3	77	0.21	0.060

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1067720	Soil		10	24	0.42	102	0.084	2	1.58	0.014	0.06	0.2	0.02	2.5	<0.1	<0.05	4	<0.5	<0.2
1067718	Soil		13	20	0.30	67	0.068	<1	1.15	0.012	0.07	0.2	0.02	1.9	<0.1	<0.05	3	<0.5	<0.2
1067725	Soil		14	26	0.37	59	0.068	1	1.45	0.010	0.08	0.2	0.04	2.6	0.1	<0.05	5	<0.5	<0.2
1067717	Soil		16	24	0.35	92	0.100	<1	1.41	0.019	0.09	0.3	<0.01	3.4	0.1	<0.05	4	<0.5	<0.2
1067715	Soil		15	26	0.45	88	0.115	1	1.76	0.017	0.17	0.2	0.02	3.2	0.3	<0.05	5	0.7	<0.2
1067709	Soil		10	11	0.12	38	0.013	2	0.82	0.003	0.07	<0.1	0.04	1.2	<0.1	<0.05	2	<0.5	<0.2
1067704	Soil		17	45	0.67	150	0.122	2	1.54	0.013	0.23	0.6	0.02	4.0	0.3	<0.05	5	<0.5	<0.2
1067722	Soil		13	32	0.41	122	0.094	2	1.76	0.010	0.08	0.2	0.03	3.3	0.1	<0.05	4	<0.5	<0.2
1067707	Soil		8	38	0.31	74	0.088	2	1.29	0.009	0.17	<0.1	0.06	2.3	0.3	0.05	6	<0.5	<0.2
1067701	Soil		12	25	0.37	89	0.101	2	1.48	0.011	0.11	0.2	0.04	2.6	0.2	<0.05	4	<0.5	<0.2
1067723	Soil		19	23	0.26	82	0.061	1	1.17	0.008	0.10	0.1	0.02	3.5	0.1	<0.05	3	<0.5	<0.2
1067716	Soil		15	37	0.52	141	0.144	2	1.54	0.020	0.27	0.1	0.02	4.4	0.3	<0.05	5	<0.5	<0.2
1067708	Soil		16	30	0.32	116	0.092	2	1.66	0.009	0.09	0.2	0.05	4.0	0.1	<0.05	4	<0.5	<0.2
1067702	Soil		19	49	0.88	170	0.162	2	2.13	0.018	0.23	0.3	0.03	4.6	0.3	<0.05	6	<0.5	<0.2
1067719	Soil		16	27	0.30	112	0.084	1	1.26	0.013	0.08	0.1	0.02	3.7	<0.1	<0.05	3	<0.5	<0.2
1067714	Soil		15	29	0.34	115	0.118	<1	1.56	0.012	0.12	0.1	0.03	4.1	0.2	<0.05	5	<0.5	<0.2
1068477	Soil		16	29	0.46	131	0.127	2	1.93	0.009	0.22	0.2	0.02	3.4	0.2	<0.05	6	<0.5	<0.2
1068476	Soil		12	29	0.37	95	0.117	1	1.78	0.010	0.14	0.2	0.06	3.0	0.1	<0.05	6	<0.5	<0.2
1068475	Soil		11	30	0.39	79	0.113	2	2.04	0.010	0.09	0.1	0.07	2.9	0.1	<0.05	6	<0.5	<0.2
1068473	Soil		13	29	0.42	161	0.122	2	1.64	0.007	0.17	0.2	0.03	3.5	0.3	<0.05	8	<0.5	<0.2
1068490	Soil		11	34	0.46	99	0.109	2	2.41	0.014	0.10	0.2	0.06	3.3	0.1	<0.05	5	0.5	<0.2
1068474	Soil		17	34	0.46	116	0.104	2	2.05	0.010	0.14	0.2	0.03	4.1	0.2	<0.05	6	<0.5	<0.2
1068472	Soil		12	33	0.45	126	0.099	2	2.17	0.010	0.09	0.2	0.05	3.2	0.1	<0.05	6	<0.5	<0.2
1068480	Soil		15	31	0.46	144	0.105	2	1.90	0.011	0.15	0.2	0.04	4.1	0.1	<0.05	5	<0.5	<0.2
1068484	Soil		35	35	0.43	180	0.077	2	2.35	0.011	0.19	0.5	0.05	5.4	0.3	<0.05	7	<0.5	<0.2
1068485	Soil		17	28	0.41	112	0.105	2	1.72	0.008	0.19	0.2	0.04	3.4	0.2	<0.05	6	<0.5	<0.2
1068481	Soil		19	28	0.41	127	0.113	1	1.71	0.009	0.26	0.2	0.05	4.4	0.3	<0.05	6	<0.5	<0.2
1068479	Soil		14	31	0.44	117	0.116	2	1.53	0.017	0.13	0.2	0.04	3.3	0.1	0.06	5	<0.5	<0.2
1068471	Soil		16	37	0.68	162	0.137	3	1.72	0.014	0.21	0.3	0.04	3.9	0.2	<0.05	5	<0.5	<0.2
1068483	Soil		16	49	0.79	105	0.136	2	2.23	0.010	0.28	2.4	0.04	4.4	0.3	<0.05	8	<0.5	<0.2

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

Project: ECH
Report Date: July 13, 2011

CERTIFICATE OF ANALYSIS WHI11000466.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1068482	Soil		1.3	14.7	11.3	48	<0.1	30.9	12.0	386	3.38	7.7	2.6	<0.5	5.7	12	0.1	0.4	0.6	72	0.18	0.061
1067724	Soil		0.6	20.1	7.8	51	<0.1	19.7	7.9	270	2.24	5.5	5.2	1.0	5.7	11	<0.1	0.3	0.1	57	0.18	0.045
1067713	Soil		1.0	21.6	13.7	62	<0.1	24.4	10.6	387	2.73	8.1	3.2	3.0	2.1	12	0.3	0.4	0.4	67	0.16	0.061
1067710	Soil		1.3	14.4	11.8	49	<0.1	9.2	3.7	127	1.69	4.2	1.8	1.8	0.6	11	0.2	0.4	0.2	60	0.12	0.090
1067711	Soil		1.0	20.7	8.5	58	<0.1	23.0	9.9	307	2.41	5.7	2.1	2.2	3.6	13	0.2	0.3	0.1	54	0.21	0.060
1067706	Soil		1.7	39.7	12.6	77	<0.1	39.5	18.4	397	4.50	7.0	9.6	2.3	11.2	25	0.2	1.1	0.4	90	0.56	0.100
1067703	Soil		0.5	19.4	10.4	63	<0.1	19.9	8.1	201	2.27	4.4	6.0	0.6	5.5	11	0.2	0.3	<0.1	54	0.21	0.052
1067730	Soil		0.7	20.4	12.3	63	<0.1	23.1	8.6	204	2.66	7.3	2.4	1.2	3.1	13	0.1	0.4	0.2	57	0.19	0.073
1067731	Soil		0.5	16.2	7.1	49	<0.1	19.0	7.8	236	1.97	4.2	1.6	<0.5	2.8	13	0.1	0.3	0.2	50	0.20	0.055
1067727	Soil		0.9	19.3	11.6	73	<0.1	19.1	7.8	455	2.40	5.0	14.3	2.2	10.8	14	0.2	0.3	0.2	45	0.23	0.073
1067705	Soil		0.8	18.7	9.4	53	<0.1	21.5	11.6	364	2.86	5.7	2.9	3.5	6.0	14	0.2	0.4	0.4	62	0.25	0.083
1067733	Soil		0.8	16.4	9.1	49	<0.1	19.4	8.1	340	2.19	5.2	1.8	1.3	4.7	10	0.1	0.4	0.4	49	0.12	0.043
1067732	Soil		0.5	14.0	7.1	43	<0.1	15.9	7.0	269	1.84	3.9	1.6	<0.5	2.0	12	0.1	0.3	0.3	46	0.17	0.051
1067729	Soil		0.8	8.6	22.2	67	<0.1	8.9	4.5	359	2.63	3.3	5.1	<0.5	15.6	9	<0.1	0.3	0.4	23	0.08	0.035
1067712	Soil		0.8	33.6	7.9	46	<0.1	15.9	7.0	232	1.99	4.2	5.3	0.8	4.6	14	0.1	0.4	0.2	47	0.20	0.058
1067726	Soil		0.9	19.6	10.7	54	<0.1	21.2	8.5	343	2.52	7.6	2.0	10.7	2.5	11	0.1	0.5	0.2	60	0.12	0.044
1067728	Soil		0.4	10.1	21.5	53	<0.1	22.1	6.9	155	1.49	7.4	10.2	2.2	22.9	19	0.1	0.6	0.3	31	0.19	0.037
1068371	Soil		0.6	11.5	7.8	52	<0.1	13.0	5.9	249	1.87	3.5	1.7	<0.5	2.2	13	0.2	0.2	0.3	48	0.19	0.070
1068370	Soil		0.7	21.9	9.6	71	<0.1	26.5	10.2	495	2.68	6.5	1.3	0.5	3.1	14	0.1	0.4	0.2	61	0.20	0.058
1068369	Soil		0.6	19.7	7.0	65	<0.1	20.0	8.1	316	2.40	5.4	2.2	1.4	4.1	21	<0.1	0.3	0.3	58	0.29	0.064
1068366	Soil		0.6	26.3	9.0	63	<0.1	24.3	8.0	332	2.86	7.0	1.5	5.9	5.1	22	<0.1	0.5	0.3	65	0.29	0.061
1068363	Soil		0.5	21.0	10.1	71	<0.1	22.5	9.9	364	2.74	6.8	1.1	1.1	4.7	21	0.1	0.4	0.2	62	0.30	0.076
1068365	Soil		0.6	25.6	9.3	57	<0.1	22.5	8.3	262	2.92	8.3	1.3	3.3	4.6	22	<0.1	0.5	0.3	65	0.30	0.064
1068362	Soil		0.5	19.5	8.3	59	<0.1	23.7	9.1	242	2.60	6.6	0.9	<0.5	4.4	20	0.2	0.4	0.2	60	0.28	0.067
1068381	Soil		0.3	12.4	10.5	29	<0.1	10.6	3.2	102	1.10	1.9	2.3	3.1	4.6	14	<0.1	0.7	0.2	28	0.20	0.055
1068379	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1068367	Soil		0.6	20.5	9.1	57	<0.1	20.8	8.1	238	2.63	5.8	1.5	2.2	4.7	19	0.1	0.5	0.3	60	0.27	0.064
1068364	Soil		0.6	18.9	8.7	60	<0.1	18.0	8.6	273	2.58	4.7	1.7	<0.5	4.5	20	<0.1	0.4	0.3	62	0.28	0.071
1068380	Soil		0.5	30.7	2.6	17	0.1	7.8	2.1	48	0.82	4.7	4.8	0.9	0.4	22	0.2	0.4	0.3	35	0.29	0.144
1068377	Soil		3.5	20.0	4.3	17	0.1	9.9	20.8	2350	10.59	18.1	3.7	0.7	1.4	35	0.3	0.3	0.3	62	0.68	0.109

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Project: ECH
Report Date: July 13, 2011

CERTIFICATE OF ANALYSIS WHI11000466.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1068482	Soil		14	59	0.73	150	0.113	3	2.07	0.010	0.35	3.1	0.06	4.4	0.4	0.07	8	<0.5	<0.2
1067724	Soil		15	27	0.37	73	0.091	2	1.71	0.008	0.07	0.1	0.03	2.7	0.1	0.07	5	<0.5	<0.2
1067713	Soil		8	33	0.36	76	0.099	1	2.05	0.012	0.06	0.2	0.06	2.6	<0.1	0.10	7	<0.5	<0.2
1067710	Soil		8	20	0.09	68	0.059	<1	0.98	0.008	0.05	0.1	0.09	1.4	<0.1	0.16	6	<0.5	<0.2
1067711	Soil		10	28	0.37	74	0.095	<1	2.03	0.013	0.07	0.2	0.05	2.6	<0.1	0.05	4	<0.5	<0.2
1067706	Soil		41	61	0.78	165	0.088	<1	2.31	0.023	0.33	3.1	0.07	12.7	0.6	<0.05	7	<0.5	<0.2
1067703	Soil		11	26	0.35	77	0.103	<1	1.78	0.011	0.07	0.2	0.03	2.7	0.1	<0.05	5	<0.5	<0.2
1067730	Soil		10	31	0.42	80	0.077	2	2.18	0.008	0.06	0.2	0.04	2.7	<0.1	0.07	5	<0.5	<0.2
1067731	Soil		11	26	0.32	70	0.084	2	1.57	0.010	0.06	0.1	0.03	2.1	<0.1	<0.05	4	<0.5	<0.2
1067727	Soil		22	24	0.33	109	0.076	<1	1.50	0.010	0.10	0.1	0.03	3.1	0.1	0.07	4	<0.5	<0.2
1067705	Soil		13	36	0.60	102	0.137	2	1.88	0.013	0.24	0.2	0.04	3.3	0.3	<0.05	6	0.5	<0.2
1067733	Soil		8	26	0.43	62	0.075	2	1.69	0.008	0.05	0.2	0.04	2.0	<0.1	0.08	5	<0.5	<0.2
1067732	Soil		9	22	0.32	68	0.070	1	1.42	0.009	0.05	0.1	0.02	1.5	<0.1	<0.05	4	<0.5	<0.2
1067729	Soil		20	12	0.36	58	0.019	1	1.63	0.006	0.20	0.1	0.03	2.4	0.4	<0.05	6	0.7	<0.2
1067712	Soil		12	24	0.36	62	0.116	2	1.53	0.013	0.08	0.1	0.03	2.1	0.1	<0.05	4	<0.5	<0.2
1067726	Soil		9	27	0.39	74	0.068	2	1.93	0.011	0.04	0.2	0.05	2.0	<0.1	<0.05	5	<0.5	<0.2
1067728	Soil		27	35	0.37	90	0.048	1	1.04	0.014	0.11	0.2	<0.01	2.7	0.2	<0.05	3	<0.5	<0.2
1068371	Soil		8	19	0.30	78	0.073	1	1.06	0.016	0.07	0.5	0.04	2.3	0.1	<0.05	5	<0.5	<0.2
1068370	Soil		11	30	0.47	112	0.088	2	1.77	0.013	0.07	0.5	0.07	3.0	0.1	<0.05	5	<0.5	<0.2
1068369	Soil		13	27	0.45	115	0.113	1	1.81	0.012	0.10	0.1	0.03	3.9	0.1	<0.05	6	0.5	<0.2
1068366	Soil		19	37	0.54	178	0.103	2	2.19	0.012	0.11	0.1	0.01	4.9	0.1	<0.05	6	<0.5	<0.2
1068363	Soil		12	33	0.55	112	0.101	2	1.90	0.013	0.08	0.2	0.02	3.9	<0.1	<0.05	5	<0.5	<0.2
1068365	Soil		14	36	0.49	163	0.100	2	2.04	0.012	0.09	0.2	0.02	4.6	<0.1	<0.05	6	<0.5	<0.2
1068362	Soil		10	31	0.52	131	0.111	2	2.01	0.012	0.10	0.2	0.03	3.6	0.1	<0.05	6	<0.5	<0.2
1068381	Soil		11	23	0.29	96	0.088	1	1.32	0.008	0.10	0.1	0.04	2.7	0.1	<0.05	5	<0.5	0.2
1068379	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1068367	Soil		13	31	0.49	116	0.103	1	1.93	0.012	0.10	0.2	0.03	3.9	0.1	<0.05	6	<0.5	<0.2
1068364	Soil		16	32	0.46	119	0.111	1	1.81	0.014	0.10	0.2	0.04	5.0	0.2	<0.05	6	<0.5	<0.2
1068380	Soil		15	15	0.07	127	0.022	5	0.84	0.010	0.06	0.1	0.11	1.7	<0.1	0.21	2	0.7	<0.2
1068377	Soil		19	13	0.16	188	0.022	3	0.74	0.010	0.05	0.2	0.15	1.8	<0.1	0.24	2	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1068368	Soil	0.8	20.1	10.1	57	<0.1	21.6	9.2	401	2.56	6.3	1.3	0.8	4.1	17	<0.1	0.5	0.2	55	0.22	0.056
1068382	Soil	0.5	31.6	4.2	11	0.1	6.1	1.8	27	1.15	4.8	6.2	<0.5	0.4	17	<0.1	0.4	0.2	27	0.21	0.108
1068378	Soil	1.6	15.0	1.6	17	<0.1	5.9	4.5	384	1.63	2.6	2.0	<0.5	0.5	23	0.2	0.1	0.2	11	0.34	0.125
1068376	Soil	0.8	28.7	8.8	72	<0.1	27.4	11.5	554	2.83	7.3	3.0	2.7	6.4	22	0.3	0.4	0.3	68	0.38	0.095
1068372	Soil	0.7	16.0	5.3	29	<0.1	7.0	2.5	135	1.34	2.0	0.8	0.5	0.5	18	<0.1	0.2	0.3	35	0.29	0.106
1068359	Soil	0.6	19.6	8.8	57	<0.1	21.1	8.6	317	2.67	8.0	1.4	4.1	4.2	15	<0.1	0.4	0.3	61	0.20	0.049
1068355	Soil	1.0	26.6	9.3	66	<0.1	23.9	11.4	509	3.05	9.1	1.7	1.3	3.0	14	<0.1	0.5	0.4	59	0.14	0.043
1068353	Soil	0.8	28.1	9.6	77	<0.1	28.2	12.1	427	3.39	5.5	1.9	2.2	3.5	14	0.1	0.4	0.3	52	0.17	0.047
1068375	Soil	1.1	30.1	10.4	73	<0.1	30.4	12.3	688	3.08	6.1	6.1	<0.5	6.1	23	0.2	0.4	0.6	68	0.39	0.079
1068358	Soil	0.7	19.3	9.2	55	<0.1	22.2	8.8	323	2.72	7.3	1.2	8.6	2.7	15	<0.1	0.5	0.2	56	0.19	0.046
1068354	Soil	0.9	26.2	11.2	70	<0.1	27.5	12.4	504	3.30	7.3	2.0	0.5	4.4	14	0.1	0.5	0.5	56	0.16	0.037
1068352	Soil	0.9	29.7	8.6	70	<0.1	28.8	13.5	447	3.05	7.3	1.4	<0.5	4.0	15	<0.1	0.5	0.3	64	0.17	0.041
1068373	Soil	0.6	8.4	4.0	25	<0.1	3.5	2.4	82	1.12	1.3	0.6	1.9	0.1	7	<0.1	0.2	0.2	28	0.07	0.051
1068360	Soil	0.6	23.6	7.6	62	<0.1	23.0	8.9	341	2.50	6.7	2.0	5.2	3.8	16	<0.1	0.4	0.3	59	0.23	0.053
1068351	Soil	0.9	29.5	9.0	78	<0.1	32.3	13.5	478	3.14	7.5	1.4	2.2	3.7	14	<0.1	0.5	0.2	61	0.17	0.034
1068357	Soil	0.9	30.1	8.9	72	<0.1	32.6	12.2	467	3.22	7.1	2.2	3.6	3.4	16	0.1	0.5	0.3	69	0.19	0.047
1068374	Soil	0.9	25.8	10.8	81	<0.1	27.2	11.5	799	3.04	5.7	6.4	7.6	7.8	22	0.2	0.4	0.6	62	0.34	0.105
1068361	Soil	0.9	23.5	9.0	56	<0.1	22.4	11.4	519	3.44	9.2	2.0	2.4	4.3	22	<0.1	0.4	0.4	64	0.24	0.051
1068356	Soil	0.8	22.9	10.8	62	<0.1	24.6	10.5	522	3.11	7.5	2.4	4.0	2.5	17	0.1	0.6	0.5	62	0.16	0.050

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Project: ECH
Report Date: July 13, 2011

CERTIFICATE OF ANALYSIS WHI11000466.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1068368	Soil	11	28	0.46	118	0.078	2	1.89	0.011	0.09	0.2	0.04	3.5	0.1	<0.05	5	<0.5	<0.2
1068382	Soil	10	17	0.07	91	0.023	3	0.65	0.008	0.05	0.1	0.08	1.9	<0.1	0.09	2	<0.5	<0.2
1068378	Soil	3	10	0.05	83	0.011	4	0.30	0.011	0.04	<0.1	0.28	1.6	<0.1	0.17	<1	0.7	<0.2
1068376	Soil	21	32	0.56	145	0.115	2	1.73	0.022	0.12	0.3	0.04	4.3	0.1	<0.05	5	<0.5	<0.2
1068372	Soil	6	15	0.17	57	0.054	2	1.04	0.018	0.14	0.1	0.15	2.2	0.2	0.21	4	<0.5	<0.2
1068359	Soil	14	30	0.55	100	0.098	2	2.04	0.012	0.09	0.2	0.04	3.7	0.1	<0.05	6	<0.5	<0.2
1068355	Soil	11	30	0.58	101	0.115	3	1.94	0.012	0.20	<0.1	0.02	2.7	0.3	<0.05	6	<0.5	<0.2
1068353	Soil	13	30	0.55	91	0.121	2	1.79	0.012	0.27	0.1	0.03	2.5	0.3	<0.05	6	<0.5	<0.2
1068375	Soil	22	40	0.61	155	0.103	2	2.00	0.027	0.12	0.3	0.04	5.5	0.2	<0.05	6	<0.5	<0.2
1068358	Soil	11	28	0.48	87	0.087	3	1.73	0.010	0.11	0.2	0.03	2.8	0.2	<0.05	5	<0.5	<0.2
1068354	Soil	13	28	0.50	90	0.118	2	1.72	0.010	0.20	0.1	0.03	2.8	0.3	<0.05	5	<0.5	<0.2
1068352	Soil	13	35	0.69	113	0.141	3	2.34	0.013	0.22	0.1	0.02	3.7	0.3	<0.05	6	<0.5	<0.2
1068373	Soil	4	8	0.11	22	0.039	1	0.62	0.015	0.04	<0.1	0.11	0.6	<0.1	0.09	4	<0.5	<0.2
1068360	Soil	15	28	0.48	101	0.101	2	2.00	0.011	0.09	0.1	0.02	3.7	0.1	<0.05	6	<0.5	<0.2
1068351	Soil	10	34	0.60	102	0.124	3	2.24	0.014	0.20	0.1	0.03	3.4	0.3	<0.05	6	<0.5	<0.2
1068357	Soil	14	42	0.64	120	0.117	2	2.07	0.013	0.13	0.1	0.03	4.1	0.2	<0.05	6	<0.5	<0.2
1068374	Soil	21	30	0.62	142	0.100	2	1.88	0.037	0.13	0.4	0.06	5.7	0.2	<0.05	6	<0.5	<0.2
1068361	Soil	21	35	0.51	157	0.103	1	1.89	0.013	0.09	0.2	0.03	5.6	0.1	<0.05	6	<0.5	<0.2
1068356	Soil	14	31	0.52	110	0.090	1	1.73	0.014	0.11	0.1	0.04	2.6	0.2	<0.05	6	<0.5	<0.2

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Project: ECH
Report Date: July 13, 2011

QUALITY CONTROL REPORT WHI11000466.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1068613	Soil	1.2	23.9	9.7	53	<0.1	26.0	11.6	384	3.01	6.2	1.0	1.9	3.6	12	<0.1	0.4	0.2	61	0.13	0.036
REP 1068613	QC	0.8	23.3	9.8	54	<0.1	25.4	11.6	378	2.93	6.4	1.0	2.6	3.5	13	<0.1	0.5	0.2	60	0.14	0.035
1068620	Soil	0.7	28.8	9.4	66	<0.1	27.0	9.6	364	3.10	7.9	2.5	5.1	6.8	29	0.2	0.4	0.4	70	0.35	0.062
REP 1068620	QC	0.7	29.2	10.1	67	<0.1	28.9	9.7	382	3.09	8.3	2.6	2.6	6.9	30	0.1	0.5	0.4	70	0.35	0.065
1068676	Soil	1.1	17.8	11.8	59	<0.1	25.1	7.1	255	2.46	13.0	6.4	1.7	2.3	23	0.2	0.4	0.8	46	0.30	0.089
REP 1068676	QC	1.1	17.6	11.6	58	<0.1	25.3	7.4	254	2.55	12.6	6.2	3.2	2.3	23	0.2	0.3	0.7	48	0.30	0.086
1068661	Soil	0.8	25.0	11.1	60	<0.1	23.7	10.5	209	2.87	5.7	3.4	2.8	6.3	23	0.2	0.7	1.0	65	0.29	0.087
REP 1068661	QC	0.8	25.4	10.8	59	<0.1	24.1	10.6	212	2.83	5.7	3.5	2.0	6.3	22	0.2	0.7	0.9	63	0.31	0.086
1068696	Soil	0.7	19.3	9.6	56	<0.1	19.5	7.5	300	2.53	6.1	4.9	2.3	6.0	18	<0.1	0.4	0.4	64	0.23	0.052
REP 1068696	QC	0.7	19.5	9.9	54	<0.1	20.1	8.0	300	2.59	5.8	4.7	4.5	6.0	18	0.1	0.4	0.3	59	0.24	0.051
1068500	Soil	0.9	22.1	10.9	55	0.1	20.6	9.2	370	2.94	4.9	3.8	1.2	2.3	18	0.1	0.5	0.3	77	0.21	0.097
REP 1068500	QC	0.9	23.1	11.4	55	0.1	21.8	9.9	380	3.14	5.2	3.8	3.0	2.2	18	0.1	0.4	0.6	76	0.21	0.095
1068443	Soil	0.7	14.6	9.8	43	<0.1	15.7	7.0	238	2.60	13.9	2.0	6.6	4.5	11	0.2	0.3	1.1	51	0.14	0.048
REP 1068443	QC	0.7	13.7	9.8	43	<0.1	15.1	6.7	236	2.55	13.6	2.0	6.7	4.5	11	0.2	0.4	1.1	52	0.15	0.047
1068449	Soil	0.9	20.3	10.2	67	<0.1	18.9	8.2	429	2.81	5.0	1.4	2.5	2.4	12	0.2	0.4	0.3	55	0.16	0.038
REP 1068449	QC	0.9	20.8	10.1	66	<0.1	18.8	7.9	418	2.74	5.0	1.4	6.7	2.3	12	0.2	0.3	0.3	54	0.15	0.038
1068653	Soil	1.2	21.4	10.8	75	<0.1	26.8	13.6	356	3.28	4.5	3.9	2.0	5.5	19	0.2	0.4	0.5	75	0.32	0.088
REP 1068653	QC	1.2	22.0	11.5	80	<0.1	27.2	14.1	378	3.49	4.7	4.0	<0.5	5.6	19	0.2	0.4	0.6	77	0.32	0.084
1068429	Soil	0.7	19.2	10.0	50	<0.1	19.5	8.0	236	2.40	7.6	5.1	3.2	3.9	22	0.1	0.4	0.5	54	0.28	0.063
REP 1068429	QC	0.7	19.4	10.1	49	<0.1	20.1	8.3	244	2.46	7.8	5.4	<0.5	3.8	22	0.1	0.4	0.5	56	0.29	0.063
1068724	Soil	0.4	19.1	5.4	45	<0.1	384.9	28.9	434	3.39	4.5	0.5	3.4	2.4	21	<0.1	0.2	<0.1	52	0.23	0.022
REP 1068724	QC	0.5	18.7	5.4	45	<0.1	365.3	28.3	414	3.25	4.2	0.4	<0.5	2.4	19	<0.1	0.2	<0.1	50	0.21	0.022
1068402	Soil	0.8	18.0	9.8	67	<0.1	21.0	8.7	362	2.83	6.5	2.4	3.2	5.2	22	0.1	0.3	0.3	53	0.26	0.055
REP 1068402	QC	0.7	17.4	9.0	65	<0.1	21.1	8.8	344	2.82	6.3	2.4	1.5	4.9	24	<0.1	0.3	0.3	53	0.26	0.053
1068416	Soil	0.9	12.9	8.7	41	<0.1	12.5	6.2	215	1.81	6.6	1.1	0.7	2.1	17	0.1	0.3	0.3	46	0.16	0.029
REP 1068416	QC	0.9	13.2	9.3	42	0.1	12.6	5.9	221	1.85	6.9	1.1	2.7	2.0	17	0.2	0.3	0.3	44	0.15	0.030
1068458	Soil	0.8	22.3	8.3	61	<0.1	25.8	10.8	392	2.81	8.4	0.8	1.4	2.4	14	0.2	0.5	0.2	59	0.18	0.054
REP 1068458	QC	0.7	21.0	8.0	59	<0.1	24.3	10.7	383	2.67	7.6	0.8	1.9	2.3	13	0.2	0.5	0.2	57	0.17	0.049

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QUALITY CONTROL REPORT WHI11000466.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1068613	Soil	11	34	0.54	98	0.089	2	2.07	0.011	0.12	0.2	0.05	2.8	0.2	<0.05	6	0.6	<0.2
REP 1068613	QC	10	34	0.54	100	0.092	2	2.02	0.011	0.12	0.2	0.04	2.9	0.2	<0.05	6	<0.5	<0.2
1068620	Soil	23	39	0.62	182	0.121	2	1.78	0.017	0.14	0.2	0.04	7.0	0.2	<0.05	6	<0.5	<0.2
REP 1068620	QC	25	39	0.63	189	0.130	2	1.93	0.016	0.14	0.2	0.04	6.9	0.2	<0.05	7	<0.5	<0.2
1068676	Soil	15	36	0.39	147	0.043	2	1.49	0.013	0.09	0.2	0.03	2.3	0.2	0.06	5	<0.5	<0.2
REP 1068676	QC	15	38	0.38	144	0.045	3	1.50	0.013	0.10	0.2	0.03	2.3	0.2	0.07	5	<0.5	<0.2
1068661	Soil	23	35	0.62	133	0.101	3	2.22	0.016	0.11	0.2	0.04	4.7	0.2	<0.05	6	<0.5	<0.2
REP 1068661	QC	23	35	0.61	130	0.106	1	2.11	0.015	0.11	0.1	0.03	4.9	0.2	<0.05	6	<0.5	<0.2
1068696	Soil	16	27	0.46	125	0.080	<1	1.64	0.010	0.09	0.1	0.03	3.9	0.1	<0.05	5	<0.5	<0.2
REP 1068696	QC	17	28	0.45	123	0.087	<1	1.61	0.011	0.09	0.2	0.03	4.0	0.1	<0.05	5	<0.5	<0.2
1068500	Soil	17	33	0.62	256	0.098	1	2.25	0.014	0.15	0.3	0.08	4.7	0.2	<0.05	7	0.6	<0.2
REP 1068500	QC	17	33	0.61	266	0.099	<1	2.21	0.016	0.14	0.4	0.09	4.5	0.2	<0.05	7	<0.5	<0.2
1068443	Soil	9	24	0.27	78	0.052	<1	1.53	0.008	0.06	0.3	0.05	2.1	0.1	<0.05	5	<0.5	<0.2
REP 1068443	QC	9	24	0.27	77	0.054	<1	1.50	0.008	0.06	0.3	0.05	2.0	0.1	<0.05	4	0.6	<0.2
1068449	Soil	14	30	0.51	105	0.063	<1	1.82	0.014	0.11	<0.1	0.02	2.4	0.2	<0.05	6	0.6	<0.2
REP 1068449	QC	15	29	0.48	104	0.065	<1	1.81	0.010	0.11	0.1	0.02	2.4	0.2	<0.05	6	<0.5	<0.2
1068653	Soil	14	50	0.85	136	0.144	1	2.39	0.016	0.27	0.4	0.04	5.0	0.3	<0.05	8	0.6	<0.2
REP 1068653	QC	14	50	0.88	139	0.143	2	2.55	0.016	0.27	0.4	0.02	5.0	0.3	<0.05	8	<0.5	<0.2
1068429	Soil	12	31	0.45	157	0.076	1	1.79	0.012	0.08	0.2	0.02	3.3	0.1	<0.05	5	<0.5	<0.2
REP 1068429	QC	12	32	0.49	155	0.075	1	1.82	0.013	0.08	0.2	0.01	3.3	0.1	<0.05	5	<0.5	<0.2
1068724	Soil	7	163	2.56	99	0.093	1	1.50	0.022	0.05	<0.1	0.02	4.0	<0.1	<0.05	4	<0.5	<0.2
REP 1068724	QC	7	151	2.49	97	0.084	3	1.60	0.020	0.05	<0.1	0.02	3.6	<0.1	<0.05	4	<0.5	<0.2
1068402	Soil	17	33	0.65	146	0.117	2	2.11	0.014	0.22	0.2	0.02	3.2	0.3	<0.05	6	<0.5	<0.2
REP 1068402	QC	16	34	0.62	146	0.119	1	1.96	0.014	0.22	0.2	0.02	3.4	0.3	<0.05	7	<0.5	<0.2
1068416	Soil	11	21	0.34	95	0.089	<1	1.24	0.013	0.14	0.2	0.02	2.0	0.1	<0.05	6	<0.5	<0.2
REP 1068416	QC	11	21	0.36	97	0.085	2	1.29	0.014	0.14	0.2	0.03	1.9	0.1	<0.05	6	<0.5	<0.2
1068458	Soil	10	31	0.58	97	0.091	2	2.12	0.019	0.09	0.2	0.07	3.1	<0.1	0.11	6	<0.5	<0.2
REP 1068458	QC	9	29	0.56	93	0.088	<1	1.98	0.013	0.08	0.2	0.06	3.0	0.1	<0.05	5	<0.5	<0.2

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Report Date: July 13, 2011

QUALITY CONTROL REPORT WHI11000466.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1068473	Soil	1.2	15.1	10.8	50	<0.1	17.5	9.0	259	2.95	6.0	1.7	8.5	3.2	16	0.1	0.4	0.2	75	0.19	0.063
REP 1068473	QC	1.1	15.0	10.8	51	<0.1	18.5	8.9	294	2.96	6.2	1.7	1.1	3.3	16	0.2	0.4	0.2	75	0.18	0.065
1068480	Soil	0.9	21.0	10.5	59	<0.1	21.2	10.8	398	2.75	8.5	3.2	0.6	5.2	16	0.2	0.5	0.2	59	0.28	0.084
REP 1068480	QC	1.0	21.2	10.7	57	<0.1	21.6	10.7	401	2.78	8.6	3.2	1.9	5.3	16	0.2	0.5	0.2	60	0.28	0.087
1067733	Soil	0.8	16.4	9.1	49	<0.1	19.4	8.1	340	2.19	5.2	1.8	1.3	4.7	10	0.1	0.4	0.4	49	0.12	0.043
REP 1067733	QC	0.7	15.8	8.6	45	<0.1	18.3	8.1	335	2.14	5.2	1.7	2.5	4.3	9	<0.1	0.3	0.5	49	0.12	0.039
1068382	Soil	0.5	31.6	4.2	11	0.1	6.1	1.8	27	1.15	4.8	6.2	<0.5	0.4	17	<0.1	0.4	0.2	27	0.21	0.108
REP 1068382	QC	0.5	31.0	4.2	10	<0.1	5.9	1.6	27	1.09	4.3	5.9	<0.5	0.3	16	0.1	0.5	0.2	25	0.19	0.098
Reference Materials																					
STD DS8	Standard	12.1	108.6	118.9	308	1.8	37.3	7.5	607	2.38	26.4	2.6	124.6	6.1	66	2.3	5.7	6.2	40	0.66	0.082
STD DS8	Standard	12.8	106.5	123.8	316	1.8	38.2	7.5	617	2.45	25.7	2.8	110.8	6.4	67	2.5	5.8	6.2	41	0.69	0.084
STD DS8	Standard	12.6	109.5	127.7	314	1.8	35.8	7.3	619	2.45	26.2	2.8	109.2	7.1	67	2.4	6.1	7.4	49	0.67	0.081
STD DS8	Standard	13.1	117.7	124.4	325	1.8	38.1	7.7	651	2.70	27.7	2.8	106.0	6.9	72	2.5	6.4	7.6	57	0.67	0.082
STD DS8	Standard	11.5	100.3	125.5	291	1.8	35.5	7.3	539	2.22	24.5	2.6	112.4	6.4	59	2.1	5.2	6.0	38	0.58	0.080
STD DS8	Standard	13.0	111.0	130.7	312	2.0	37.1	7.5	622	2.40	27.5	2.8	121.2	6.7	68	2.3	5.8	6.0	44	0.69	0.087
STD DS8	Standard	13.2	108.6	139.3	317	1.7	40.0	7.4	627	2.48	25.3	3.0	111.9	7.1	68	2.2	5.7	6.4	42	0.66	0.077
STD DS8	Standard	13.5	108.2	145.1	319	1.8	38.8	7.4	630	2.50	26.7	2.9	107.6	7.4	69	2.4	5.4	6.7	42	0.69	0.082
STD DS8	Standard	12.8	110.9	122.4	312	1.8	38.0	7.7	625	2.38	26.7	2.7	108.3	6.5	68	2.2	5.5	5.9	42	0.68	0.080
STD DS8	Standard	13.2	109.8	120.3	307	1.7	38.4	7.9	618	2.45	25.8	2.7	100.7	6.5	68	2.4	5.5	5.6	43	0.71	0.080
STD DS8	Standard	13.5	115.8	125.4	307	1.8	41.2	7.9	595	2.37	26.7	2.7	99.4	6.4	59	2.1	4.5	5.7	44	0.71	0.078
STD DS8	Standard	14.6	121.9	125.5	328	1.9	41.7	8.1	639	2.52	26.8	2.7	110.8	6.6	59	2.3	4.7	5.7	47	0.71	0.086
STD DS8	Standard	12.8	110.5	122.7	302	1.7	37.4	7.2	577	2.30	24.2	2.6	120.1	6.3	59	2.4	4.8	6.2	42	0.65	0.072
STD DS8	Standard	12.9	107.3	125.4	297	1.7	36.9	7.2	575	2.28	24.1	2.7	109.8	6.5	62	2.2	4.9	6.2	41	0.65	0.071
STD DS8	Standard	13.7	109.6	123.6	336	1.8	39.7	7.9	623	2.51	28.4	2.6	184.1	6.4	64	2.5	5.8	6.6	42	0.73	0.088
STD DS8	Standard	13.8	113.8	125.6	362	1.9	38.6	8.0	628	2.53	28.7	2.6	113.2	6.6	67	2.6	5.9	6.5	43	0.71	0.086
STD DS8	Standard	12.9	109.5	118.1	317	1.6	36.6	7.6	628	2.56	28.2	2.6	104.5	6.4	66	2.4	5.5	6.5	46	0.69	0.092
STD DS8	Standard	13.7	113.0	123.5	320	1.7	39.0	8.0	635	2.58	27.9	2.8	108.3	6.7	69	2.6	5.5	6.6	44	0.71	0.098
STD DS8	Standard	14.1	112.1	134.5	334	1.8	41.9	8.0	671	2.62	28.9	3.0	111.9	7.9	76	2.3	6.0	6.6	44	0.72	0.085
STD DS8	Standard	13.9	114.5	142.0	337	1.9	39.9	7.9	669	2.62	28.6	3.1	121.9	8.0	78	2.3	5.9	6.7	44	0.76	0.086

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

Project: ECH
Report Date: July 13, 2011

QUALITY CONTROL REPORT WHI11000466.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1068473	Soil	13	29	0.42	161	0.122	2	1.64	0.007	0.17	0.2	0.03	3.5	0.3	<0.05	8	<0.5	<0.2
REP 1068473	QC	13	31	0.44	162	0.125	2	1.73	0.011	0.17	0.1	0.03	3.3	0.3	0.06	8	<0.5	<0.2
1068480	Soil	15	31	0.46	144	0.105	2	1.90	0.011	0.15	0.2	0.04	4.1	0.1	<0.05	5	<0.5	<0.2
REP 1068480	QC	16	33	0.47	148	0.108	2	1.98	0.011	0.15	0.2	0.04	4.2	0.2	<0.05	6	0.6	<0.2
1067733	Soil	8	26	0.43	62	0.075	2	1.69	0.008	0.05	0.2	0.04	2.0	<0.1	0.08	5	<0.5	<0.2
REP 1067733	QC	8	24	0.39	59	0.072	2	1.59	0.006	0.05	0.2	0.06	1.8	0.1	<0.05	4	0.9	<0.2
1068382	Soil	10	17	0.07	91	0.023	3	0.65	0.008	0.05	0.1	0.08	1.9	<0.1	0.09	2	<0.5	<0.2
REP 1068382	QC	10	17	0.07	88	0.023	<1	0.62	0.007	0.04	0.1	0.11	1.7	<0.1	0.08	2	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	13	115	0.61	273	0.114	3	0.85	0.097	0.43	3.0	0.21	2.1	5.4	0.15	5	5.0	4.7
STD DS8	Standard	14	116	0.61	281	0.116	3	0.94	0.103	0.43	2.8	0.21	2.3	5.7	0.13	5	5.2	5.2
STD DS8	Standard	14	112	0.59	279	0.116	2	0.92	0.109	0.41	3.1	0.20	3.2	5.1	0.14	5	5.4	5.4
STD DS8	Standard	13	116	0.60	273	0.115	3	0.94	0.095	0.43	2.9	0.19	3.4	5.1	0.09	5	5.4	4.5
STD DS8	Standard	12	108	0.56	257	0.103	3	0.86	0.093	0.39	2.8	0.21	1.6	5.0	0.16	4	4.2	4.1
STD DS8	Standard	14	123	0.59	277	0.122	3	0.93	0.104	0.44	2.8	0.22	2.0	5.5	0.17	5	4.5	5.0
STD DS8	Standard	15	118	0.61	285	0.113	3	0.82	0.085	0.42	3.3	0.21	1.9	5.7	0.15	5	5.9	4.9
STD DS8	Standard	15	121	0.64	286	0.117	2	0.95	0.096	0.42	3.4	0.20	2.2	5.9	0.11	5	5.7	5.5
STD DS8	Standard	15	115	0.64	282	0.116	3	0.94	0.116	0.43	2.9	0.19	2.2	5.3	0.17	5	4.6	5.1
STD DS8	Standard	15	117	0.59	280	0.122	2	0.95	0.105	0.44	2.9	0.20	2.4	5.2	0.20	5	4.8	4.9
STD DS8	Standard	14	122	0.56	269	0.122	3	0.96	0.093	0.45	2.8	0.18	2.7	5.0	0.17	4	5.4	4.5
STD DS8	Standard	15	127	0.56	289	0.129	2	1.01	0.084	0.44	2.9	0.22	2.9	5.1	0.20	5	4.8	5.1
STD DS8	Standard	13	116	0.58	268	0.108	2	0.87	0.095	0.41	2.9	0.20	2.5	5.2	0.13	4	5.7	4.8
STD DS8	Standard	14	114	0.57	274	0.114	<1	0.86	0.104	0.41	3.0	0.19	2.3	5.1	0.11	4	6.3	4.8
STD DS8	Standard	14	120	0.67	275	0.112	4	0.97	0.104	0.45	3.1	0.20	1.9	5.4	0.15	5	5.5	4.9
STD DS8	Standard	15	122	0.63	276	0.117	3	0.97	0.103	0.46	3.3	0.20	2.2	5.7	0.15	5	5.5	5.0
STD DS8	Standard	14	119	0.58	273	0.123	3	0.91	0.105	0.45	2.9	0.19	2.1	5.1	0.16	5	5.5	4.9
STD DS8	Standard	15	118	0.63	277	0.117	4	0.99	0.117	0.42	2.9	0.20	2.2	5.3	0.15	5	6.1	5.4
STD DS8	Standard	16	121	0.65	293	0.122	3	0.95	0.095	0.42	3.0	0.20	2.3	5.4	0.15	5	6.7	5.9
STD DS8	Standard	17	120	0.66	305	0.130	4	1.06	0.093	0.45	3.0	0.21	2.3	5.8	0.16	5	6.4	5.4

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Vancouver BC V6C 1H2 Canada

Project: ECH
Report Date: July 13, 2011

QUALITY CONTROL REPORT WHI11000466.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8	Standard	12.4	102.6	124.7	308	1.7	37.8	7.5	666	2.63	27.0	2.9	123.7	7.0	70	2.3	5.6	7.4	42	0.71	0.083
STD DS8	Standard	13.8	107.1	124.2	322	1.7	38.8	7.3	638	2.46	25.2	3.0	116.7	7.3	74	2.2	5.5	7.1	43	0.73	0.081
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Vancouver BC V6C 1H2 Canada

Project: ECH
Report Date: July 13, 2011

QUALITY CONTROL REPORT WHI11000466.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	15	115	0.61	278	0.113	3	0.92	0.098	0.42	3.1	0.22	1.9	5.7	0.14	5	5.7	5.9
STD DS8	Standard	15	119	0.65	276	0.124	3	1.00	0.097	0.43	3.1	0.17	2.0	5.6	0.17	5	5.3	4.7
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ryan Gold Corp.**
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Submitted By: Mike Skead
Receiving Lab: Canada-Whitehorse
Received: July 05, 2011
Report Date: July 18, 2011
Page: 1 of 11

CERTIFICATE OF ANALYSIS WHI11000469.1

CLIENT JOB INFORMATION

Project: ECH
Shipment ID: ECH2011-04
P.O. Number
Number of Samples: 295

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	295	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	295	Dry at 60C			WHI
1DX2	287	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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

Project: ECH
Report Date: July 18, 2011

CERTIFICATE OF ANALYSIS WHI11000469.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1068590	Soil	0.9	19.4	10.1	48	<0.1	22.5	9.8	350	2.64	6.3	2.7	2.2	3.1	12	<0.1	0.5	0.2	62	0.17	0.043
1068591	Soil	1.0	19.1	9.7	49	<0.1	21.4	9.7	339	2.88	4.8	2.3	0.9	2.9	10	<0.1	0.4	0.3	59	0.13	0.040
1068592	Soil	0.7	21.4	10.1	58	<0.1	22.1	10.3	371	2.80	3.3	3.3	1.6	5.7	13	<0.1	0.3	0.3	52	0.19	0.054
1068593	Soil	1.2	15.4	11.5	43	<0.1	17.3	6.8	217	2.90	6.9	1.1	1.7	3.0	11	<0.1	0.5	0.5	81	0.12	0.028
1068594	Soil	0.7	20.6	8.8	50	<0.1	23.6	10.7	343	2.51	5.4	2.0	5.3	3.2	12	<0.1	0.4	0.2	59	0.19	0.048
1068595	Soil	0.8	23.1	8.8	55	<0.1	24.8	11.3	395	2.76	5.8	2.3	8.6	3.4	13	<0.1	0.4	0.2	64	0.21	0.060
1068596	Soil	0.8	22.2	9.3	54	<0.1	23.6	11.0	395	2.72	5.6	2.2	2.4	2.9	15	<0.1	0.4	0.2	63	0.21	0.059
1068597	Soil	0.9	21.7	13.7	59	<0.1	24.6	11.8	441	3.32	4.8	2.9	1.7	4.8	17	<0.1	0.3	0.3	63	0.24	0.059
1068598	Soil	0.9	21.3	11.2	55	<0.1	25.6	11.7	376	2.92	6.7	3.0	5.0	1.9	14	<0.1	0.5	0.4	70	0.15	0.041
1068570	Soil	1.5	48.0	15.7	112	0.1	41.8	17.3	450	3.75	5.0	8.2	1.2	4.6	17	<0.1	0.3	2.3	134	0.26	0.056
1068571	Soil	1.2	35.5	19.0	109	0.1	37.5	14.4	331	3.42	7.1	8.4	1.4	5.3	19	<0.1	0.4	2.0	105	0.32	0.056
1068572	Soil	0.9	28.3	9.3	80	0.1	32.6	12.1	361	2.93	4.6	5.1	9.9	4.6	21	<0.1	0.3	0.7	101	0.36	0.074
1068573	Soil	2.1	31.7	15.1	82	0.4	29.0	15.9	2129	3.08	5.7	10.6	<0.5	0.9	22	0.5	0.3	1.2	95	0.53	0.125
1068574	Soil	0.9	21.7	9.4	69	<0.1	27.1	12.2	316	2.71	4.4	2.2	3.0	3.0	16	<0.1	0.3	0.4	98	0.25	0.056
1068575	Soil	0.6	25.4	9.5	72	<0.1	31.6	14.1	424	2.90	4.0	4.3	5.1	4.4	23	<0.1	0.2	0.4	106	0.41	0.068
1068576	Soil	0.7	30.5	8.3	80	0.1	45.0	25.5	582	4.56	3.3	4.2	<0.5	6.0	23	<0.1	0.1	0.3	146	0.49	0.045
1068569	Soil	1.3	27.0	23.3	120	<0.1	28.2	19.2	960	3.92	22.4	4.9	0.5	5.7	25	<0.1	0.5	0.7	95	0.19	0.048
1069213	Soil	1.1	32.2	16.9	83	<0.1	39.3	15.6	682	3.43	13.5	3.6	<0.5	6.6	14	0.2	0.8	0.3	52	0.19	0.068
1069214	Soil	1.2	26.9	14.3	62	<0.1	28.6	11.3	431	3.41	7.4	1.6	1.5	2.4	11	<0.1	0.6	0.3	66	0.11	0.037
1069215	Soil	1.2	29.3	13.8	69	<0.1	31.5	17.4	726	3.53	9.1	1.9	3.8	3.5	13	<0.1	0.6	0.3	71	0.13	0.048
1069216	Soil	1.3	30.7	15.0	89	<0.1	38.7	20.3	698	3.50	6.0	2.9	2.1	5.0	13	<0.1	0.5	0.3	57	0.17	0.073
1069217	Soil	1.2	32.1	10.2	67	<0.1	28.2	12.4	454	2.82	5.7	1.9	3.8	2.2	14	0.1	0.4	0.2	60	0.16	0.063
1069218	Soil	0.9	28.9	8.7	53	<0.1	18.2	9.3	326	2.44	4.3	1.7	<0.5	1.2	14	<0.1	0.3	0.2	51	0.16	0.059
1069219	Soil	0.7	11.2	6.8	42	<0.1	7.2	5.9	271	1.74	2.9	0.6	0.8	0.6	11	<0.1	0.2	0.1	39	0.14	0.050
1069220	Soil	1.0	16.3	9.3	39	<0.1	9.7	5.2	237	2.06	2.7	0.8	<0.5	1.5	10	<0.1	0.3	0.3	58	0.07	0.030
1069221	Soil	1.1	19.0	10.1	32	<0.1	11.6	5.1	132	2.35	4.3	0.8	1.8	2.2	12	<0.1	0.3	0.2	56	0.09	0.028
1069222	Soil	1.4	27.1	14.0	67	<0.1	28.6	14.8	467	3.48	6.7	1.8	2.0	3.2	15	<0.1	0.4	0.4	61	0.18	0.076
1069223	Soil	1.5	27.3	13.2	74	<0.1	31.3	15.9	662	3.43	7.3	1.5	3.4	3.4	16	<0.1	0.4	0.3	67	0.19	0.061
1069224	Soil	0.9	25.5	10.6	66	<0.1	28.0	12.6	506	3.05	5.8	1.7	2.1	3.7	15	<0.1	0.4	0.2	61	0.21	0.073
1069225	Soil	0.8	16.5	8.1	39	<0.1	14.4	6.1	185	2.07	4.6	1.1	2.1	0.5	10	<0.1	0.3	0.2	49	0.10	0.040

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Project: ECH
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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1068590	Soil		10	30	0.53	87	0.108	2	1.67	0.008	0.07	0.2	0.04	2.6	0.1	<0.05	5	<0.5	<0.2
1068591	Soil		10	35	0.51	89	0.107	2	1.58	0.007	0.12	0.2	0.05	2.8	0.2	<0.05	6	<0.5	<0.2
1068592	Soil		13	29	0.51	113	0.107	<1	1.54	0.009	0.14	0.3	0.03	3.3	0.2	<0.05	5	<0.5	<0.2
1068593	Soil		9	26	0.32	81	0.121	2	1.34	0.005	0.05	0.2	0.04	2.0	0.1	<0.05	8	<0.5	<0.2
1068594	Soil		11	29	0.47	81	0.105	2	1.65	0.011	0.07	0.4	0.06	2.6	0.1	<0.05	4	<0.5	<0.2
1068595	Soil		12	32	0.55	102	0.115	2	1.78	0.011	0.10	0.5	0.04	2.9	0.2	<0.05	5	<0.5	<0.2
1068596	Soil		11	31	0.51	105	0.109	2	1.75	0.010	0.10	0.4	0.05	2.9	0.2	<0.05	5	0.5	<0.2
1068597	Soil		13	32	0.56	134	0.105	2	1.56	0.010	0.14	0.3	0.03	3.9	0.2	<0.05	6	<0.5	<0.2
1068598	Soil		11	32	0.51	125	0.090	2	1.96	0.010	0.07	0.2	0.04	2.8	0.1	<0.05	6	<0.5	<0.2
1068570	Soil		16	86	1.27	265	0.159	2	2.57	0.028	0.25	28.2	0.02	9.3	0.2	<0.05	8	0.7	<0.2
1068571	Soil		18	74	1.03	188	0.113	2	2.55	0.028	0.18	29.4	0.03	8.2	0.3	<0.05	8	0.7	<0.2
1068572	Soil		16	67	1.00	232	0.161	1	2.44	0.037	0.23	16.2	0.02	6.2	0.3	<0.05	7	<0.5	<0.2
1068573	Soil		18	48	0.62	231	0.067	3	2.52	0.018	0.11	8.6	0.11	3.9	0.5	0.15	7	1.1	<0.2
1068574	Soil		11	63	0.88	153	0.148	2	2.38	0.027	0.13	1.5	0.03	5.5	0.2	<0.05	7	<0.5	<0.2
1068575	Soil		13	81	1.07	229	0.166	2	2.37	0.051	0.26	0.6	0.02	7.0	0.3	<0.05	6	<0.5	<0.2
1068576	Soil		23	157	2.10	327	0.240	2	3.76	0.084	0.56	0.3	0.02	14.4	0.4	<0.05	10	<0.5	<0.2
1068569	Soil		18	42	0.43	200	0.023	1	1.33	0.012	0.15	4.4	0.02	9.8	0.2	<0.05	3	<0.5	<0.2
1069213	Soil		30	30	0.43	85	0.082	2	1.29	0.011	0.12	<0.1	0.04	2.8	0.2	<0.05	4	<0.5	<0.2
1069214	Soil		13	33	0.46	72	0.106	3	1.80	0.009	0.12	0.1	0.06	2.4	0.2	<0.05	6	<0.5	<0.2
1069215	Soil		13	36	0.57	78	0.123	3	2.12	0.011	0.15	0.1	0.07	3.0	0.3	<0.05	7	<0.5	<0.2
1069216	Soil		16	36	0.56	106	0.155	2	1.83	0.013	0.33	0.1	0.07	2.7	0.5	<0.05	6	<0.5	<0.2
1069217	Soil		11	28	0.43	86	0.107	2	1.60	0.014	0.12	<0.1	0.05	2.2	0.2	<0.05	5	<0.5	<0.2
1069218	Soil		9	19	0.32	55	0.085	1	1.15	0.020	0.08	<0.1	0.04	1.5	0.1	<0.05	5	0.5	<0.2
1069219	Soil		5	12	0.26	42	0.077	1	0.80	0.018	0.07	<0.1	0.02	0.8	<0.1	<0.05	4	<0.5	<0.2
1069220	Soil		7	16	0.16	54	0.120	1	0.68	0.014	0.08	<0.1	0.06	1.0	0.1	<0.05	6	<0.5	<0.2
1069221	Soil		9	20	0.25	61	0.080	2	1.41	0.015	0.05	<0.1	0.03	1.5	0.1	<0.05	6	<0.5	<0.2
1069222	Soil		12	34	0.52	104	0.107	2	1.80	0.009	0.22	0.1	0.04	2.7	0.3	<0.05	6	<0.5	<0.2
1069223	Soil		13	41	0.62	111	0.124	2	1.74	0.010	0.18	0.2	0.03	2.9	0.3	<0.05	6	<0.5	<0.2
1069224	Soil		12	34	0.58	117	0.118	1	1.75	0.009	0.15	0.2	0.02	2.9	0.2	<0.05	5	<0.5	<0.2
1069225	Soil		7	23	0.37	69	0.056	1	1.53	0.011	0.05	0.1	0.02	1.4	0.2	<0.05	5	<0.5	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1069226	Soil		1.0	19.5	9.9	46	<0.1	18.0	7.4	227	2.50	5.9	1.3	1.4	0.8	11	<0.1	0.3	0.2	60	0.11	0.042
1069227	Soil		1.0	18.4	10.3	47	<0.1	19.6	7.2	170	2.07	3.8	1.7	2.6	1.0	13	<0.1	0.3	0.2	60	0.13	0.041
1068577	Soil		0.5	26.9	12.9	86	0.1	41.4	19.9	650	3.97	4.2	4.5	<0.5	4.9	18	<0.1	0.2	0.5	122	0.34	0.046
1068578	Soil		0.6	26.7	9.9	68	0.2	30.1	13.2	278	2.86	5.1	4.1	5.4	3.9	14	0.1	0.2	0.4	91	0.26	0.045
1068579	Soil		1.2	33.0	16.9	172	0.2	39.2	14.8	509	3.76	11.9	5.7	3.8	3.2	10	0.3	0.4	0.7	107	0.13	0.058
1068580	Soil		1.5	17.4	14.5	74	<0.1	18.4	8.0	283	2.90	8.3	0.9	2.7	1.8	8	0.2	0.5	0.5	84	0.10	0.037
1068581	Soil		0.9	18.6	25.4	79	<0.1	19.8	9.4	489	2.60	5.0	2.7	2.6	5.6	18	0.3	0.5	0.2	53	0.30	0.060
1068582	Soil		1.1	9.8	18.2	131	<0.1	11.5	11.4	1258	4.02	10.0	4.7	<0.5	13.7	39	<0.1	0.3	0.5	23	0.28	0.098
1068583	Soil		0.9	19.3	10.4	52	<0.1	20.6	9.0	331	2.68	6.9	0.8	1.9	1.9	10	0.1	0.4	0.4	56	0.12	0.039
1068584	Soil		0.8	21.4	13.4	56	<0.1	25.2	11.0	415	2.72	6.7	1.2	1.5	2.7	10	<0.1	0.4	0.2	54	0.12	0.034
1068585	Soil		0.8	26.1	8.1	59	<0.1	25.5	10.7	396	2.75	7.6	1.9	4.1	3.2	14	0.1	0.4	0.2	57	0.23	0.068
1068586	Soil		1.0	18.8	8.5	56	<0.1	22.6	9.1	377	2.92	7.0	0.9	5.8	2.1	11	0.1	0.5	0.4	69	0.14	0.032
1068587	Soil		1.1	19.9	10.5	51	<0.1	21.4	8.8	344	2.89	7.7	2.9	1.7	2.5	9	<0.1	0.5	0.2	59	0.11	0.032
1068588	Soil		0.7	19.4	8.6	48	<0.1	19.6	8.1	324	2.69	6.0	2.3	4.2	1.8	8	<0.1	0.4	0.2	55	0.10	0.032
1068589	Soil		1.0	17.8	10.9	60	<0.1	21.6	8.8	415	3.05	6.6	1.9	2.3	2.2	8	0.2	0.4	0.4	61	0.11	0.035
1068566	Soil		0.7	14.8	14.8	52	<0.1	17.2	7.0	327	1.99	4.4	7.1	2.4	5.8	10	0.1	0.4	0.6	45	0.15	0.053
1068567	Soil		1.3	23.2	14.9	65	<0.1	24.3	8.2	325	2.60	6.1	4.9	2.8	1.6	12	0.2	0.4	2.0	63	0.16	0.062
1068568	Soil		1.4	39.7	12.3	120	0.1	43.6	15.2	402	3.44	5.4	6.1	2.6	4.7	18	0.3	0.3	6.2	109	0.27	0.066
1069228	Soil		0.8	21.8	10.6	70	<0.1	23.7	9.5	325	2.70	5.5	2.0	1.6	2.7	18	0.1	0.3	0.4	52	0.29	0.061
1069229	Soil		1.6	19.7	17.8	62	0.1	23.9	9.0	302	2.52	3.9	1.7	3.0	1.3	20	0.1	0.3	0.4	48	0.25	0.071
1069230	Soil		0.4	5.6	2.1	16	0.1	3.6	2.1	60	0.79	0.5	0.9	1.2	0.1	10	<0.1	<0.1	<0.1	18	0.10	0.043
1069231	Soil		0.9	15.4	9.0	68	<0.1	19.8	8.4	241	2.81	4.6	0.8	1.1	2.2	14	0.1	0.3	0.3	51	0.16	0.033
1069201	Soil		1.0	23.9	10.7	71	<0.1	24.9	10.1	404	3.33	6.7	1.6	2.0	2.0	10	0.1	0.5	0.2	60	0.12	0.044
1069202	Soil		1.1	31.3	15.0	89	<0.1	34.4	14.7	574	3.93	5.0	2.6	1.2	3.7	10	0.2	0.4	0.4	53	0.14	0.061
1069203	Soil		1.2	24.1	11.5	64	<0.1	25.7	11.1	466	3.37	7.2	2.1	2.8	2.2	9	<0.1	0.5	0.3	60	0.09	0.037
1069204	Soil		0.9	27.3	11.1	68	<0.1	32.5	14.7	518	3.46	6.4	1.5	1.7	3.2	11	0.1	0.4	0.3	60	0.13	0.036
1069205	Soil		1.5	26.8	12.4	65	<0.1	26.4	10.8	519	3.58	6.7	2.0	3.0	1.8	9	<0.1	0.5	0.3	61	0.09	0.048
1069206	Soil		1.0	30.1	14.7	75	<0.1	30.3	12.7	546	3.79	6.5	2.7	1.9	2.7	9	0.1	0.4	0.4	55	0.10	0.039
1069207	Soil		1.1	28.3	10.2	74	<0.1	34.3	13.3	513	3.28	7.5	1.8	7.0	3.5	14	0.3	0.4	0.3	65	0.18	0.044
1069208	Soil		1.1	29.3	14.1	65	<0.1	35.6	13.4	653	3.18	7.6	2.0	9.2	3.4	10	0.2	0.5	0.3	54	0.12	0.055

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

Project: ECH
Report Date: July 18, 2011

CERTIFICATE OF ANALYSIS WHI11000469.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1069226	Soil	8	28	0.45	81	0.069	2	1.69	0.009	0.06	0.1	0.03	1.9	0.2	<0.05	6	<0.5	<0.2
1069227	Soil	11	30	0.52	99	0.074	2	1.70	0.010	0.07	0.1	0.03	2.2	0.2	<0.05	6	<0.5	<0.2
1068577	Soil	13	109	1.46	276	0.157	<1	3.32	0.047	0.48	0.3	0.03	12.8	0.5	<0.05	8	<0.5	<0.2
1068578	Soil	12	72	1.08	179	0.109	2	2.61	0.031	0.25	0.3	0.03	6.6	0.3	<0.05	7	<0.5	<0.2
1068579	Soil	10	67	0.92	217	0.084	2	3.19	0.011	0.20	0.5	0.06	6.2	0.3	<0.05	8	<0.5	<0.2
1068580	Soil	6	37	0.39	81	0.068	1	2.22	0.008	0.05	0.2	0.05	2.5	0.1	<0.05	8	<0.5	<0.2
1068581	Soil	13	40	0.60	169	0.065	1	1.52	0.024	0.11	0.2	0.02	3.6	0.1	<0.05	4	<0.5	<0.2
1068582	Soil	23	12	0.23	194	0.012	<1	0.64	0.004	0.10	0.3	0.01	2.9	0.1	<0.05	2	<0.5	<0.2
1068583	Soil	8	26	0.43	89	0.056	<1	1.89	0.007	0.05	0.3	0.04	2.0	<0.1	<0.05	5	<0.5	<0.2
1068584	Soil	8	29	0.57	85	0.074	1	2.09	0.008	0.07	0.2	0.04	2.3	0.1	<0.05	5	<0.5	<0.2
1068585	Soil	10	29	0.55	101	0.088	1	1.90	0.009	0.07	0.2	0.04	2.6	0.1	<0.05	5	0.6	<0.2
1068586	Soil	8	29	0.52	106	0.096	2	1.77	0.008	0.07	0.3	0.03	2.0	0.1	<0.05	7	0.5	<0.2
1068587	Soil	9	29	0.52	74	0.080	<1	1.92	0.007	0.07	0.2	0.04	2.5	0.1	<0.05	6	0.6	<0.2
1068588	Soil	8	27	0.45	68	0.078	1	1.87	0.008	0.08	0.2	0.06	2.3	0.1	<0.05	5	0.5	<0.2
1068589	Soil	7	29	0.48	93	0.090	1	1.71	0.007	0.08	0.2	0.05	2.2	0.1	<0.05	6	<0.5	<0.2
1068566	Soil	11	21	0.34	76	0.051	1	1.41	0.008	0.04	0.2	0.02	1.6	<0.1	<0.05	4	<0.5	<0.2
1068567	Soil	8	41	0.46	108	0.054	<1	1.50	0.009	0.07	0.9	0.05	2.0	0.1	0.06	6	<0.5	<0.2
1068568	Soil	14	71	1.08	247	0.126	1	2.55	0.026	0.23	63.9	0.02	5.3	0.3	0.08	8	<0.5	<0.2
1069228	Soil	10	34	0.59	160	0.093	<1	1.76	0.009	0.18	<0.1	0.02	3.1	0.2	<0.05	6	<0.5	<0.2
1069229	Soil	8	39	0.51	171	0.082	1	1.55	0.010	0.19	0.3	0.03	3.0	0.3	0.07	6	<0.5	<0.2
1069230	Soil	3	7	0.08	50	0.025	1	0.31	0.014	0.03	<0.1	0.02	0.8	<0.1	0.06	2	0.7	<0.2
1069231	Soil	8	29	0.58	135	0.108	1	1.55	0.007	0.17	0.2	0.02	2.1	0.2	<0.05	6	<0.5	<0.2
1069201	Soil	8	30	0.47	72	0.088	<1	1.72	0.007	0.12	0.1	0.07	2.2	0.2	<0.05	6	0.6	<0.2
1069202	Soil	11	32	0.58	90	0.104	1	1.87	0.009	0.28	0.1	0.03	2.5	0.4	<0.05	6	<0.5	<0.2
1069203	Soil	9	31	0.49	66	0.083	1	1.78	0.008	0.13	0.1	0.04	2.3	0.2	0.05	6	<0.5	<0.2
1069204	Soil	9	32	0.55	98	0.090	<1	1.82	0.009	0.14	0.2	0.03	2.5	0.3	<0.05	5	<0.5	<0.2
1069205	Soil	9	35	0.50	66	0.095	1	1.78	0.009	0.20	0.1	0.08	2.2	0.3	0.07	6	0.7	<0.2
1069206	Soil	10	30	0.52	74	0.083	<1	1.65	0.008	0.17	0.1	0.05	2.3	0.3	<0.05	6	<0.5	<0.2
1069207	Soil	11	33	0.61	121	0.104	1	1.85	0.014	0.14	0.2	0.04	2.6	0.2	<0.05	5	<0.5	<0.2
1069208	Soil	13	32	0.61	101	0.087	2	1.87	0.010	0.13	0.1	0.10	2.6	0.2	<0.05	5	<0.5	<0.2

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Report Date: July 18, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1069209	Soil		1.1	29.0	14.5	77	<0.1	32.3	14.7	633	3.84	24.4	2.6	4.0	4.8	9	0.1	0.9	0.3	54	0.10	0.049
1069210	Soil		0.9	30.4	22.5	133	<0.1	33.1	14.5	610	3.77	14.7	2.9	1.5	4.3	11	0.3	2.0	0.4	45	0.15	0.057
1069211	Soil		1.0	25.7	11.2	66	<0.1	32.4	14.1	531	3.43	9.3	1.5	2.9	4.3	12	0.2	0.6	0.3	61	0.13	0.042
1069212	Soil		0.9	33.4	10.7	82	<0.1	40.8	18.0	525	3.77	8.3	2.5	2.8	4.9	9	<0.1	0.6	0.3	48	0.11	0.040
1032911	Soil		0.7	25.5	9.2	63	<0.1	33.3	13.3	377	2.83	6.5	1.6	3.7	3.4	14	0.1	0.4	0.4	66	0.18	0.037
1032612	Soil		0.9	37.2	22.8	97	<0.1	26.5	13.2	522	3.41	5.0	1.8	1.9	4.8	12	<0.1	0.3	1.4	80	0.17	0.035
1032313	Soil		1.1	27.4	11.1	69	<0.1	30.2	12.0	582	3.04	5.1	7.3	3.2	5.8	11	<0.1	0.3	0.8	67	0.16	0.036
1032614	Soil		1.1	25.1	15.1	61	<0.1	26.7	11.4	564	3.03	5.7	5.1	2.0	3.4	11	0.1	0.4	1.3	72	0.12	0.042
1032615	Soil		1.1	30.6	13.6	78	<0.1	30.8	12.7	437	2.80	6.0	1.9	5.7	3.5	18	0.2	0.4	1.0	72	0.23	0.051
1032616	Soil		1.0	38.6	12.2	78	0.1	35.4	14.4	601	3.43	5.8	4.3	3.0	7.2	17	0.1	0.3	1.0	66	0.23	0.043
1032617	Soil		1.2	64.7	20.1	120	0.1	107.2	39.2	1015	5.65	11.0	8.5	2.0	9.2	28	0.3	0.3	2.0	88	0.56	0.048
1032618	Soil		1.1	62.4	18.5	123	0.1	103.9	36.3	961	5.38	12.2	8.5	2.5	9.1	27	0.2	0.3	2.1	90	0.54	0.044
1032619	Soil		0.9	38.0	9.7	82	0.1	37.1	15.7	546	3.52	7.3	1.2	2.9	6.1	17	<0.1	0.4	0.3	88	0.25	0.042
1032620	Soil		0.8	19.7	24.2	71	<0.1	23.6	9.8	409	2.84	7.6	9.0	1.8	5.2	12	0.1	0.5	0.6	60	0.14	0.053
1032609	Soil		0.6	18.4	9.1	61	<0.1	26.1	9.3	364	2.24	6.3	1.9	3.2	3.6	11	0.2	0.4	0.3	46	0.17	0.052
1068736	Soil		0.7	17.9	10.8	67	<0.1	30.4	11.0	360	2.63	4.4	7.0	3.2	6.1	17	0.1	0.2	0.7	63	0.30	0.075
1068737	Soil		0.3	18.8	9.5	63	<0.1	19.6	8.0	187	2.54	5.2	3.9	4.0	5.6	20	0.2	0.4	0.7	58	0.33	0.085
1068738	Soil		0.3	19.0	9.1	62	<0.1	17.7	8.5	262	2.28	4.6	3.1	1.6	5.5	19	0.2	0.4	0.6	52	0.30	0.084
1069738	Soil		0.6	19.5	8.7	67	<0.1	19.1	7.6	402	2.07	4.5	10.2	0.9	6.5	16	0.2	0.3	0.6	48	0.30	0.099
1068739	Soil		0.7	18.9	14.0	66	<0.1	20.9	9.0	646	2.27	5.9	6.3	3.7	5.0	17	0.2	0.4	0.6	52	0.29	0.100
1069736	Soil		0.7	22.6	11.6	67	<0.1	21.0	7.6	305	2.22	5.6	7.6	4.3	7.7	21	0.2	0.4	0.6	56	0.30	0.077
1069737	Soil		0.6	21.1	9.8	70	<0.1	18.8	8.0	415	2.22	5.1	8.9	3.1	11.7	20	0.2	0.3	0.6	51	0.32	0.097
1067910	Soil		0.8	23.2	9.4	61	<0.1	24.4	9.7	444	2.46	7.4	1.9	3.3	2.7	15	0.3	0.5	0.3	61	0.22	0.070
1068740	Soil		0.5	20.6	13.4	69	<0.1	20.6	8.3	428	2.16	5.1	6.5	4.7	4.7	23	0.2	0.3	0.6	53	0.37	0.102
1067909	Soil		0.6	22.9	9.8	74	<0.1	21.6	8.4	291	2.34	4.8	8.5	2.0	4.5	25	0.2	0.3	0.4	57	0.40	0.096
1067908	Soil		0.7	23.1	8.3	72	<0.1	25.9	10.6	415	2.47	7.5	2.7	6.1	3.2	14	0.2	0.4	0.4	60	0.22	0.080
1032601	Soil		0.6	27.1	7.7	63	<0.1	28.3	10.2	396	2.48	7.5	1.1	2.0	5.2	16	0.2	0.4	0.2	60	0.25	0.062
1032602	Soil		0.5	15.7	12.4	62	<0.1	16.4	7.8	465	1.94	3.8	9.4	2.6	9.5	15	0.2	0.2	0.4	44	0.24	0.078
1032603	Soil		0.5	9.9	17.4	49	<0.1	11.2	4.8	294	1.53	2.9	5.8	2.2	9.3	18	0.2	0.3	0.4	31	0.27	0.085
1032604	Soil		0.8	31.3	15.9	99	<0.1	27.5	10.4	437	2.70	6.4	20.2	3.2	5.5	20	0.3	0.4	0.5	59	0.31	0.127

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1069209	Soil	16	31	0.53	82	0.084	<1	1.61	0.009	0.22	0.1	0.06	2.8	0.3	<0.05	5	<0.5	<0.2
1069210	Soil	14	24	0.44	85	0.064	<1	1.38	0.007	0.17	0.1	0.03	2.3	0.3	<0.05	4	<0.5	<0.2
1069211	Soil	11	32	0.63	97	0.111	<1	1.99	0.010	0.14	0.2	0.04	2.7	0.2	<0.05	6	0.5	<0.2
1069212	Soil	12	27	0.54	65	0.104	<1	1.73	0.008	0.23	<0.1	0.05	2.7	0.4	<0.05	5	<0.5	<0.2
1032911	Soil	12	47	0.78	469	0.102	<1	1.90	0.011	0.11	0.4	0.04	3.4	0.2	<0.05	6	0.5	<0.2
1032612	Soil	19	49	1.26	255	0.149	<1	2.83	0.013	0.29	0.4	0.03	6.5	0.3	<0.05	9	0.6	<0.2
1032313	Soil	14	49	0.90	194	0.114	1	2.09	0.014	0.28	0.4	0.03	6.3	0.3	<0.05	6	<0.5	<0.2
1032614	Soil	12	49	0.85	247	0.106	1	2.10	0.010	0.17	0.4	0.04	4.8	0.2	<0.05	7	<0.5	<0.2
1032615	Soil	14	45	0.83	180	0.094	2	2.37	0.015	0.12	0.3	0.04	3.9	0.2	<0.05	7	0.6	<0.2
1032616	Soil	33	44	0.82	248	0.064	2	2.51	0.016	0.16	14.0	0.03	5.6	0.3	<0.05	7	0.8	<0.2
1032617	Soil	27	140	1.63	605	0.060	1	3.51	0.025	0.64	0.4	0.05	14.0	0.6	<0.05	9	0.7	<0.2
1032618	Soil	26	142	1.58	603	0.076	<1	3.48	0.026	0.62	0.7	0.04	13.2	0.5	<0.05	9	1.0	<0.2
1032619	Soil	21	59	1.05	185	0.147	2	2.98	0.019	0.31	0.5	0.04	6.0	0.3	<0.05	9	1.1	<0.2
1032620	Soil	12	31	0.49	96	0.060	2	1.88	0.009	0.07	0.2	0.07	2.8	0.2	<0.05	5	1.1	<0.2
1032609	Soil	9	24	0.46	91	0.063	1	1.76	0.010	0.05	0.1	0.04	2.3	<0.1	<0.05	4	0.8	<0.2
1068736	Soil	17	66	0.71	143	0.104	1	1.72	0.013	0.23	0.1	0.02	5.7	0.2	<0.05	5	0.9	<0.2
1068737	Soil	14	38	0.45	143	0.092	2	1.71	0.014	0.08	0.1	0.05	4.1	0.1	<0.05	5	<0.5	<0.2
1068738	Soil	13	28	0.33	111	0.074	1	1.48	0.015	0.06	<0.1	0.03	3.5	<0.1	<0.05	4	0.7	<0.2
1069738	Soil	14	23	0.34	133	0.067	<1	1.35	0.012	0.06	0.1	0.04	2.8	<0.1	<0.05	4	0.7	<0.2
1068739	Soil	13	28	0.41	102	0.074	1	1.72	0.010	0.06	0.1	0.04	3.0	<0.1	<0.05	5	0.8	<0.2
1069736	Soil	15	30	0.42	144	0.086	1	1.84	0.013	0.06	0.1	0.04	4.0	0.1	<0.05	5	0.9	<0.2
1069737	Soil	17	24	0.40	138	0.091	1	1.64	0.013	0.09	0.2	0.03	3.5	0.2	<0.05	5	<0.5	<0.2
1067910	Soil	11	29	0.48	109	0.071	2	1.87	0.010	0.06	0.1	0.05	2.8	<0.1	<0.05	5	0.7	<0.2
1068740	Soil	13	26	0.41	129	0.080	1	1.47	0.014	0.07	0.1	0.03	3.3	<0.1	<0.05	4	0.6	<0.2
1067909	Soil	13	31	0.45	140	0.097	2	1.76	0.015	0.07	<0.1	0.04	4.3	<0.1	<0.05	5	<0.5	<0.2
1067908	Soil	10	27	0.45	98	0.075	1	1.86	0.011	0.05	0.2	0.06	2.3	0.1	0.06	5	0.6	<0.2
1032601	Soil	11	28	0.55	97	0.088	2	1.88	0.013	0.07	0.2	0.03	2.9	<0.1	<0.05	4	<0.5	<0.2
1032602	Soil	16	20	0.25	102	0.070	2	1.38	0.010	0.07	0.1	0.03	2.5	<0.1	<0.05	4	<0.5	<0.2
1032603	Soil	17	17	0.20	85	0.041	2	0.95	0.009	0.06	<0.1	0.02	1.9	<0.1	<0.05	3	0.7	<0.2
1032604	Soil	16	30	0.51	157	0.087	2	2.23	0.017	0.08	0.1	0.06	4.0	0.1	<0.05	6	0.7	<0.2

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

Project: ECH
Report Date: July 18, 2011

CERTIFICATE OF ANALYSIS WHI11000469.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1032605	Soil		0.4	14.6	9.5	52	<0.1	18.3	6.9	303	1.86	4.5	3.1	1.4	5.0	14	0.2	0.3	0.2	43	0.27	0.088
1032606	Soil		0.9	19.5	11.9	59	<0.1	21.4	8.9	418	2.63	7.3	2.0	5.1	1.8	13	0.1	0.4	0.3	60	0.18	0.068
1032607	Soil		0.6	18.7	8.5	63	<0.1	22.6	9.7	411	2.34	6.2	3.0	2.2	4.0	13	0.2	0.4	0.3	49	0.23	0.080
1032608	Soil		0.8	27.3	13.7	78	<0.1	30.2	13.1	518	3.09	10.7	3.6	4.7	3.9	15	0.1	0.6	0.4	63	0.20	0.071
1032610	Soil		0.7	22.0	8.8	58	<0.1	25.0	10.0	420	2.34	6.9	2.0	2.7	3.9	16	0.2	0.4	0.3	57	0.24	0.060
1069735	Soil		0.7	19.9	8.1	69	<0.1	25.6	10.1	357	2.46	7.1	1.4	2.5	3.9	15	0.2	0.4	0.2	53	0.25	0.058
1032621	Soil		0.9	19.7	24.8	71	<0.1	26.1	10.4	440	2.95	7.5	8.5	3.3	5.0	15	0.1	0.5	0.6	61	0.16	0.051
1068544	Soil		1.8	23.2	29.5	65	<0.1	27.8	10.0	631	2.57	6.6	3.4	2.3	2.8	12	0.3	0.5	0.6	54	0.17	0.076
1068545	Soil		1.1	23.7	10.6	67	<0.1	24.1	9.9	479	2.75	6.9	7.4	6.6	8.3	15	0.2	0.4	0.3	58	0.22	0.076
1068546	Soil		1.1	24.6	12.0	71	<0.1	26.0	10.1	466	2.54	6.7	3.3	8.4	6.4	18	0.4	0.4	0.2	58	0.32	0.088
1068547	Soil		1.3	30.8	10.0	85	<0.1	28.4	19.7	825	3.97	4.0	10.3	1.2	9.0	17	0.2	0.3	0.2	79	0.34	0.108
1068548	Soil		1.1	30.5	10.4	85	<0.1	26.9	18.4	655	3.86	4.3	10.5	1.8	9.0	17	0.2	0.3	0.2	78	0.35	0.104
1068549	Soil		0.9	22.0	14.4	62	<0.1	21.2	9.5	412	2.81	5.8	6.7	1.8	6.9	12	0.2	0.4	0.3	55	0.20	0.064
1068550	Soil		1.0	18.5	11.1	74	<0.1	20.3	9.3	497	2.92	3.9	3.8	5.8	5.9	12	0.3	0.4	0.2	55	0.21	0.074
1068551	Soil		0.9	18.4	12.5	72	<0.1	21.7	10.9	458	2.77	3.0	4.3	3.9	9.6	11	0.2	0.3	0.2	55	0.23	0.073
1068552	Soil		1.7	15.7	24.2	65	0.1	21.1	7.9	297	3.68	8.7	3.8	1.8	4.3	15	0.1	0.4	0.6	65	0.24	0.093
1068553	Soil		1.8	23.1	18.4	86	<0.1	25.0	13.1	959	3.86	7.0	3.6	4.4	5.9	13	0.2	0.5	0.6	71	0.19	0.066
1068554	Soil		1.1	22.4	13.2	76	<0.1	25.0	10.3	312	3.73	5.2	2.8	4.6	10.0	20	0.2	0.4	0.6	69	0.37	0.090
1068555	Soil		1.0	30.2	8.5	66	<0.1	33.0	13.3	472	3.04	8.4	3.4	5.3	4.2	16	0.2	0.4	0.1	65	0.26	0.049
1068535	Soil		0.7	18.8	11.6	68	<0.1	20.3	8.5	523	2.47	4.7	5.1	2.6	11.0	15	0.3	0.3	1.2	50	0.24	0.075
1068536	Soil		0.9	20.8	9.2	58	<0.1	23.1	9.9	336	2.41	5.3	1.4	5.1	4.5	13	0.2	0.4	0.6	53	0.19	0.061
1068537	Soil		0.9	21.0	13.8	68	<0.1	21.5	10.6	566	2.89	5.4	9.7	6.0	8.8	14	0.2	0.5	1.9	64	0.20	0.057
1068531	Soil		0.8	21.0	9.7	65	<0.1	22.8	9.8	402	2.83	5.9	3.4	3.1	6.8	14	0.1	0.3	0.2	61	0.21	0.060
1068532	Soil		0.7	19.1	6.5	59	<0.1	21.3	12.0	436	3.00	3.4	2.7	4.2	7.7	15	0.2	0.3	0.2	58	0.27	0.083
1068533	Soil		1.1	20.3	10.6	69	<0.1	20.0	8.2	366	2.87	7.0	1.8	4.2	2.3	14	0.2	0.5	0.2	73	0.17	0.056
1068534	Soil		0.9	19.2	19.2	70	<0.1	20.0	9.1	694	2.60	7.0	4.6	2.9	6.2	16	0.2	0.4	1.0	48	0.21	0.079
1068538	Soil		1.3	22.5	16.5	68	<0.1	22.0	9.9	569	3.42	7.9	5.8	2.3	3.1	13	0.2	0.5	1.1	75	0.14	0.074
1068539	Soil		0.9	22.7	11.5	76	<0.1	24.1	10.8	571	2.72	6.5	4.6	3.0	6.9	15	0.3	0.5	1.7	58	0.22	0.078
1068540	Soil		1.1	28.2	16.2	81	<0.1	30.2	12.0	672	3.23	9.7	10.1	2.5	7.3	14	0.3	0.5	0.9	63	0.17	0.079
1068541	Soil		0.9	27.2	12.8	81	<0.1	25.1	11.0	597	2.85	7.7	5.5	4.5	9.3	19	0.5	0.4	0.6	59	0.30	0.117

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1032605	Soil	13	23	0.30	79	0.070	2	1.53	0.010	0.06	<0.1	0.03	2.0	<0.1	<0.05	4	<0.5	<0.2
1032606	Soil	11	30	0.44	98	0.062	1	1.91	0.009	0.06	0.1	0.06	2.2	0.1	<0.05	6	0.8	<0.2
1032607	Soil	11	24	0.43	92	0.064	2	1.82	0.009	0.06	0.1	0.03	2.4	0.1	<0.05	4	0.9	<0.2
1032608	Soil	10	34	0.55	145	0.067	2	2.63	0.011	0.08	0.1	0.04	3.5	0.1	<0.05	6	0.7	<0.2
1032610	Soil	12	27	0.48	93	0.075	2	1.65	0.014	0.06	0.2	0.06	2.6	<0.1	<0.05	4	0.5	<0.2
1069735	Soil	10	27	0.52	89	0.076	3	1.91	0.013	0.07	0.2	0.03	2.7	<0.1	<0.05	4	0.6	<0.2
1032621	Soil	14	32	0.50	101	0.064	3	1.96	0.010	0.08	0.3	0.06	3.0	0.2	<0.05	5	0.7	<0.2
1068544	Soil	12	36	0.37	94	0.050	2	1.64	0.012	0.08	0.5	0.11	2.1	0.1	0.06	5	0.8	<0.2
1068545	Soil	19	29	0.51	117	0.074	1	1.82	0.012	0.10	0.6	0.04	3.2	0.2	<0.05	5	0.9	<0.2
1068546	Soil	15	28	0.50	125	0.072	2	1.57	0.015	0.08	0.4	0.03	2.8	0.1	<0.05	4	<0.5	<0.2
1068547	Soil	26	43	0.75	237	0.107	2	1.68	0.015	0.30	0.6	0.04	6.7	0.4	<0.05	6	0.7	<0.2
1068548	Soil	25	42	0.72	234	0.107	2	1.67	0.014	0.30	0.7	0.05	7.1	0.5	<0.05	6	0.7	<0.2
1068549	Soil	18	30	0.50	106	0.068	<1	1.82	0.010	0.11	1.8	0.05	3.7	0.2	<0.05	5	0.6	<0.2
1068550	Soil	17	27	0.48	133	0.070	3	1.62	0.010	0.14	0.3	0.03	2.6	0.2	0.06	5	<0.5	<0.2
1068551	Soil	19	33	0.68	213	0.106	2	1.84	0.010	0.29	0.3	0.02	3.5	0.3	<0.05	7	<0.5	<0.2
1068552	Soil	15	34	0.47	213	0.050	3	1.98	0.009	0.13	0.4	0.04	3.0	0.2	0.09	7	<0.5	<0.2
1068553	Soil	18	39	0.57	198	0.067	1	1.91	0.009	0.15	0.8	0.05	3.7	0.2	<0.05	7	0.6	<0.2
1068554	Soil	23	40	0.73	326	0.098	3	2.02	0.013	0.28	0.5	0.05	5.6	0.3	<0.05	7	<0.5	<0.2
1068555	Soil	19	34	0.67	129	0.080	2	2.31	0.016	0.10	0.2	0.06	4.0	<0.1	0.06	6	<0.5	<0.2
1068535	Soil	17	25	0.44	126	0.071	1	1.60	0.014	0.11	0.3	0.03	2.5	0.2	<0.05	5	<0.5	<0.2
1068536	Soil	10	26	0.50	83	0.060	<1	1.60	0.012	0.06	0.4	0.03	2.2	<0.1	<0.05	5	<0.5	<0.2
1068537	Soil	17	28	0.56	126	0.079	2	1.75	0.012	0.14	0.7	0.04	3.3	0.3	<0.05	5	<0.5	<0.2
1068531	Soil	14	31	0.54	101	0.081	1	1.99	0.013	0.11	0.2	0.04	2.7	0.2	0.05	5	0.6	<0.2
1068532	Soil	16	30	0.63	94	0.107	3	2.09	0.014	0.22	0.5	0.03	3.1	0.3	<0.05	7	<0.5	<0.2
1068533	Soil	12	29	0.32	91	0.071	2	1.57	0.008	0.08	0.2	0.07	2.1	0.1	<0.05	7	<0.5	<0.2
1068534	Soil	17	25	0.31	100	0.047	2	1.49	0.010	0.10	0.2	0.06	2.3	0.2	0.06	5	<0.5	<0.2
1068538	Soil	13	33	0.46	118	0.050	2	1.99	0.009	0.09	0.5	0.06	2.6	0.3	<0.05	8	<0.5	<0.2
1068539	Soil	15	28	0.53	109	0.068	3	1.92	0.013	0.12	0.4	0.03	2.7	0.2	<0.05	6	<0.5	<0.2
1068540	Soil	17	34	0.54	149	0.059	2	2.20	0.011	0.10	1.1	0.07	4.1	0.2	<0.05	6	<0.5	<0.2
1068541	Soil	18	28	0.56	137	0.070	2	1.81	0.014	0.09	0.9	0.05	3.0	0.2	<0.05	5	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1068542	Soil	1.3	20.3	19.5	71	<0.1	19.2	8.6	545	2.81	7.4	9.5	4.1	9.3	13	0.1	0.5	0.4	53	0.20	0.068
1068543	Soil	1.0	22.9	10.7	75	<0.1	25.7	12.0	587	3.13	5.2	6.8	2.5	9.5	16	0.3	0.4	0.2	67	0.27	0.076
1068556	Soil	0.8	28.0	9.8	71	<0.1	30.5	14.5	574	3.37	8.4	1.4	4.6	7.9	15	0.1	0.5	0.2	71	0.20	0.041
1068557	Soil	0.9	29.0	10.1	67	<0.1	29.4	11.0	424	3.00	6.1	4.0	4.9	7.6	18	0.3	0.4	0.2	66	0.31	0.075
1068558	Soil	0.7	25.0	13.4	71	<0.1	26.3	10.9	204	3.52	6.2	4.2	3.0	10.4	24	0.2	0.5	0.2	72	0.40	0.062
1068559	Soil	0.8	16.4	12.9	65	<0.1	19.7	9.7	472	3.08	4.7	2.8	2.5	5.8	14	0.2	0.3	0.2	63	0.22	0.046
1068560	Soil	1.0	14.2	12.5	62	<0.1	20.2	9.1	246	2.90	3.1	4.8	2.0	8.2	17	0.1	0.4	0.3	69	0.36	0.084
1068561	Soil	1.6	21.6	13.3	61	<0.1	27.8	11.3	354	3.13	6.9	2.3	4.8	3.6	13	0.2	0.4	0.4	68	0.20	0.052
1068562	Soil	1.0	20.9	13.1	62	<0.1	22.9	10.3	442	3.07	6.3	3.0	3.6	3.2	12	0.1	0.4	0.2	68	0.17	0.054
1068563	Soil	1.0	24.7	15.7	73	<0.1	25.9	11.8	476	3.32	7.1	6.3	5.5	4.2	17	0.2	0.5	0.2	68	0.25	0.078
1068921	Soil	1.3	18.2	15.1	50	0.1	15.8	6.4	307	2.78	4.8	2.8	2.9	2.8	11	0.2	0.3	0.6	52	0.14	0.046
1068922	Soil	1.7	18.1	17.8	71	<0.1	24.3	11.3	660	3.14	6.7	2.6	1.6	4.3	17	0.2	0.4	0.6	68	0.24	0.083
1068923	Soil	1.6	18.4	13.1	64	0.2	20.8	9.2	460	3.23	6.5	3.5	2.1	2.0	17	0.2	0.3	0.4	72	0.23	0.073
1068741	Soil	0.8	26.8	9.7	80	<0.1	25.0	11.0	418	2.42	5.5	3.1	4.0	4.0	14	0.3	0.4	0.4	54	0.27	0.097
1068742	Soil	0.7	24.4	9.2	70	<0.1	25.3	10.4	422	2.47	5.8	4.6	1.3	3.9	16	0.3	0.4	0.2	53	0.26	0.087
1068743	Soil	1.2	23.0	25.2	74	0.1	22.0	7.4	414	3.38	8.4	12.2	2.8	0.9	13	0.2	0.5	0.7	75	0.13	0.114
1068744	Soil	0.7	18.8	8.8	54	<0.1	20.5	7.5	338	2.19	4.7	1.9	1.1	1.7	12	0.1	0.4	0.2	50	0.20	0.076
1068745	Soil	0.5	18.4	8.7	63	<0.1	20.4	7.9	379	2.15	4.3	9.7	4.1	5.3	20	0.3	0.3	0.3	52	0.35	0.091
1068746	Soil	0.5	16.6	8.8	54	<0.1	17.5	7.0	337	1.98	4.1	9.4	3.6	4.4	19	0.2	0.3	0.3	45	0.30	0.071
1068747	Soil	0.8	18.7	9.2	55	<0.1	20.2	8.1	365	2.07	5.4	4.6	2.8	3.0	13	0.2	0.3	0.3	48	0.19	0.064
1068748	Soil	1.1	22.1	13.2	53	<0.1	15.2	5.9	281	2.06	5.9	2.5	1.6	0.7	10	0.2	0.4	0.4	45	0.10	0.058
1068749	Soil	0.6	16.0	11.0	53	<0.1	20.5	8.7	354	2.10	4.9	2.9	3.6	3.5	12	0.2	0.3	0.3	46	0.18	0.047
1068750	Soil	0.6	18.2	14.9	65	<0.1	16.5	6.0	428	1.86	4.1	9.6	4.9	3.8	12	0.2	0.3	0.5	36	0.23	0.087
1068910	Soil	0.6	18.2	10.4	65	<0.1	18.8	6.8	309	2.20	4.3	2.8	2.0	5.4	16	0.2	0.3	0.3	45	0.30	0.087
1068901	Soil	1.5	27.7	31.4	104	0.1	25.4	12.2	1065	3.71	11.0	20.1	2.4	1.6	14	0.3	0.6	1.1	70	0.13	0.087
1068902	Soil	0.5	10.9	11.6	46	<0.1	14.6	4.2	118	1.66	4.0	6.2	2.2	3.6	10	0.1	0.2	0.6	41	0.19	0.065
1068903	Soil	0.9	18.9	9.7	58	<0.1	34.4	10.7	366	2.88	3.6	3.5	2.7	2.4	15	0.2	0.3	1.2	75	0.19	0.051
1068904	Soil	2.5	42.6	11.0	65	0.2	38.5	12.2	386	4.22	3.0	2.8	2.5	5.3	22	<0.1	0.2	1.7	73	0.16	0.066
1068905	Soil	2.7	13.6	11.9	33	<0.1	10.1	3.5	126	1.81	4.7	0.9	3.5	1.7	8	0.1	0.6	1.2	89	0.06	0.032
1068906	Soil	1.7	21.1	12.6	58	0.1	19.8	6.7	280	2.80	6.2	3.1	6.5	1.1	12	0.2	0.4	3.0	66	0.12	0.072

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

Project: ECH
Report Date: July 18, 2011

CERTIFICATE OF ANALYSIS WHI11000469.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1068542	Soil	18	24	0.34	94	0.043	2	1.30	0.010	0.08	0.6	0.04	2.4	0.2	<0.05	5	<0.5	<0.2
1068543	Soil	21	33	0.58	167	0.092	2	1.76	0.015	0.19	0.4	0.03	3.8	0.3	0.05	6	<0.5	<0.2
1068556	Soil	16	35	0.76	130	0.100	3	2.58	0.013	0.11	0.2	0.03	4.0	0.1	<0.05	6	0.5	<0.2
1068557	Soil	18	33	0.59	169	0.086	1	2.17	0.013	0.09	0.3	0.03	3.7	0.1	<0.05	6	<0.5	<0.2
1068558	Soil	28	49	0.72	184	0.099	2	1.99	0.014	0.15	0.2	0.04	5.9	0.2	<0.05	6	<0.5	<0.2
1068559	Soil	16	36	0.62	124	0.088	3	1.91	0.011	0.16	0.1	0.05	3.3	0.2	<0.05	7	<0.5	<0.2
1068560	Soil	19	43	0.83	215	0.121	2	2.23	0.013	0.30	0.3	0.06	5.0	0.4	<0.05	8	<0.5	<0.2
1068561	Soil	13	38	0.56	79	0.084	3	2.09	0.012	0.11	0.6	0.06	3.1	0.2	<0.05	7	<0.5	<0.2
1068562	Soil	16	36	0.56	87	0.076	2	2.20	0.009	0.11	0.2	0.04	3.3	0.2	<0.05	7	<0.5	<0.2
1068563	Soil	20	34	0.60	156	0.062	2	2.20	0.011	0.11	0.2	0.03	3.5	0.2	<0.05	7	<0.5	<0.2
1068921	Soil	10	25	0.24	103	0.042	2	2.08	0.013	0.07	0.2	0.06	2.3	0.2	<0.05	6	<0.5	<0.2
1068922	Soil	16	35	0.51	150	0.071	2	1.93	0.011	0.09	0.2	0.04	2.8	0.1	<0.05	7	<0.5	<0.2
1068923	Soil	13	33	0.54	140	0.063	1	1.92	0.012	0.09	0.2	0.03	2.7	0.1	<0.05	7	0.8	<0.2
1068741	Soil	10	26	0.40	115	0.080	2	2.07	0.013	0.06	0.1	0.05	2.2	0.1	<0.05	5	0.5	<0.2
1068742	Soil	11	27	0.51	107	0.069	2	1.86	0.012	0.06	0.1	0.05	2.6	<0.1	<0.05	5	<0.5	<0.2
1068743	Soil	10	35	0.35	124	0.037	1	2.34	0.008	0.08	0.1	0.08	1.9	0.2	0.06	8	0.6	<0.2
1068744	Soil	10	26	0.32	74	0.058	2	1.61	0.009	0.05	0.1	0.05	1.8	<0.1	<0.05	5	<0.5	<0.2
1068745	Soil	13	23	0.32	122	0.073	1	1.23	0.012	0.06	0.1	0.02	2.8	0.1	<0.05	4	<0.5	<0.2
1068746	Soil	11	22	0.38	115	0.067	1	1.17	0.015	0.05	0.1	0.01	2.5	<0.1	<0.05	3	<0.5	<0.2
1068747	Soil	10	24	0.40	87	0.065	2	1.56	0.011	0.06	0.1	0.05	2.1	<0.1	<0.05	4	<0.5	<0.2
1068748	Soil	8	22	0.27	74	0.034	<1	1.32	0.009	0.04	0.1	0.05	1.1	<0.1	0.05	5	<0.5	<0.2
1068749	Soil	9	23	0.38	76	0.064	1	1.39	0.011	0.04	0.1	0.03	1.9	<0.1	<0.05	4	0.5	<0.2
1068750	Soil	10	18	0.32	85	0.045	1	1.17	0.010	0.05	0.2	0.04	1.7	<0.1	<0.05	3	<0.5	<0.2
1068910	Soil	13	23	0.42	85	0.074	1	1.51	0.011	0.09	0.3	0.04	2.5	<0.1	<0.05	4	<0.5	<0.2
1068901	Soil	10	36	0.52	184	0.046	2	2.63	0.013	0.09	0.2	0.06	2.9	0.2	0.08	8	<0.5	<0.2
1068902	Soil	10	26	0.37	66	0.051	<1	1.34	0.008	0.06	0.2	0.03	2.0	0.1	<0.05	4	<0.5	<0.2
1068903	Soil	13	92	0.93	178	0.110	1	1.95	0.013	0.22	0.2	0.04	5.4	0.2	0.05	7	<0.5	<0.2
1068904	Soil	16	99	0.99	173	0.130	1	2.38	0.028	0.46	0.3	0.03	6.8	0.4	0.21	8	<0.5	<0.2
1068905	Soil	12	19	0.10	60	0.101	<1	0.86	0.005	0.05	0.1	0.06	1.2	0.2	<0.05	8	<0.5	<0.2
1068906	Soil	10	31	0.38	96	0.054	1	1.79	0.010	0.09	0.2	0.06	2.3	0.2	0.10	7	<0.5	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1068907	Soil	1.0	19.3	9.4	82	<0.1	23.9	8.8	333	2.59	3.0	2.3	2.3	6.1	14	0.3	0.2	3.4	54	0.26	0.077
1068908	Soil	1.2	20.6	9.0	90	<0.1	27.3	9.2	343	2.52	4.4	2.0	3.4	4.4	16	0.3	0.3	1.7	70	0.29	0.095
1068909	Soil	1.5	12.1	11.1	38	<0.1	9.2	3.8	154	2.10	5.1	1.2	1.9	1.6	8	0.3	0.5	0.7	84	0.07	0.031
1068911	Soil	0.9	20.6	12.8	73	<0.1	22.8	8.8	425	2.39	5.5	1.9	3.6	3.2	17	0.2	0.4	0.3	54	0.28	0.091
1068912	Soil	1.8	34.1	11.8	105	<0.1	38.1	16.3	800	3.32	4.2	6.4	10.4	4.6	13	0.3	0.3	8.6	49	0.30	0.120
1068913	Soil	1.7	23.3	15.1	72	<0.1	27.6	10.9	432	3.53	7.8	4.0	1.9	2.7	14	0.1	0.5	1.0	78	0.13	0.041
1068914	Soil	1.2	16.0	12.3	58	0.1	21.4	8.9	303	3.07	6.7	1.6	4.0	3.3	14	0.2	0.4	0.5	60	0.15	0.045
1068915	Soil	1.5	18.7	14.0	74	<0.1	28.0	12.6	570	2.93	5.5	2.7	1.9	4.4	12	0.3	0.4	0.6	57	0.17	0.058
1068916	Soil	1.2	16.5	8.0	64	<0.1	28.3	11.8	381	2.94	3.4	2.6	1.6	6.0	17	0.1	0.2	0.4	61	0.28	0.054
1068917	Soil	1.0	15.8	9.1	62	<0.1	30.5	12.9	459	3.03	4.3	1.5	2.5	4.5	12	0.2	0.3	0.3	63	0.16	0.040
1068918	Soil	1.0	19.1	12.1	57	<0.1	27.4	12.2	399	3.35	8.4	1.2	2.6	4.4	14	0.2	0.5	0.3	71	0.15	0.041
1068919	Soil	1.6	16.9	13.2	43	<0.1	15.2	6.6	199	3.14	7.3	1.1	2.7	4.3	11	0.2	0.6	0.3	84	0.10	0.022
1068920	Soil	1.1	20.7	15.9	53	<0.1	22.1	9.2	415	2.66	6.2	2.6	4.1	4.6	15	0.2	0.4	0.3	58	0.20	0.049
1069271	Soil	0.7	22.2	10.8	58	0.1	20.5	8.9	278	2.21	2.4	2.2	5.6	1.4	22	0.2	0.3	0.3	42	0.23	0.066
1069272	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1069273	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1069274	Soil	0.8	15.3	9.6	64	<0.1	20.1	9.9	298	2.71	4.1	1.0	1.9	4.5	18	0.1	0.4	0.3	49	0.22	0.045
1069275	Soil	1.0	27.4	11.8	72	<0.1	26.9	12.8	341	3.89	9.3	1.6	2.7	5.6	18	0.2	0.4	0.3	60	0.25	0.060
1069276	Soil	2.9	24.8	19.0	64	0.1	42.6	12.5	1342	5.10	9.3	4.0	2.2	3.0	38	0.2	0.3	0.4	69	0.73	0.140
1069277	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1069284	Soil	0.2	24.2	8.7	70	<0.1	468.6	32.7	579	2.57	1.9	1.4	2.1	4.9	21	0.2	0.2	0.3	43	0.34	0.056
1069301	Soil	0.7	17.2	8.2	58	0.2	83.3	13.8	600	1.84	2.6	0.8	0.8	0.5	19	0.3	0.2	0.3	36	0.21	0.062
1069302	Soil	0.7	18.9	10.6	55	<0.1	53.2	10.6	630	2.36	5.4	4.7	1.8	1.1	27	0.2	0.2	0.4	50	0.27	0.065
1069278	Soil	0.7	17.8	9.9	37	0.1	30.1	5.4	143	2.04	4.7	2.1	1.7	2.3	13	0.2	0.2	0.3	47	0.14	0.039
1069279	Soil	0.7	17.8	10.2	36	0.1	30.8	5.6	146	2.02	4.8	2.1	2.5	2.3	13	0.2	0.2	0.3	47	0.14	0.040
1069292	Soil	0.6	16.7	9.3	36	0.1	28.6	5.4	142	1.96	4.8	2.1	0.7	2.1	12	0.1	0.2	0.3	46	0.13	0.039
1069293	Soil	0.8	16.9	13.8	60	<0.1	54.6	10.3	367	2.64	7.7	4.5	2.1	4.7	24	0.1	0.4	0.4	49	0.41	0.063
1069294	Soil	0.4	14.6	10.9	53	<0.1	65.6	11.5	328	2.26	4.3	3.8	2.4	4.7	21	0.1	0.3	0.4	45	0.29	0.045
1069295	Soil	0.2	19.0	10.5	40	<0.1	60.5	3.6	88	1.55	3.1	4.2	3.1	1.0	19	0.3	0.2	0.3	28	0.26	0.062
1069296	Soil	0.2	17.2	8.2	58	<0.1	267.5	16.7	363	2.10	3.4	3.6	1.1	1.6	21	0.2	0.2	0.3	35	0.28	0.063

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1068907	Soil		14	32	0.49	114	0.108	1	1.65	0.014	0.19	0.5	0.02	3.4	0.2	<0.05	5	<0.5	<0.2
1068908	Soil		13	35	0.53	138	0.102	1	1.73	0.012	0.15	0.6	0.03	3.1	0.2	<0.05	6	0.5	<0.2
1068909	Soil		10	20	0.14	55	0.070	<1	1.22	0.006	0.04	0.1	0.05	1.6	0.1	<0.05	8	<0.5	<0.2
1068911	Soil		12	26	0.44	96	0.067	1	1.60	0.013	0.05	0.2	0.04	2.2	0.1	<0.05	4	<0.5	<0.2
1068912	Soil		15	40	0.51	101	0.082	2	1.74	0.014	0.24	0.2	0.05	3.3	0.4	<0.05	5	<0.5	<0.2
1068913	Soil		13	45	0.55	123	0.084	1	2.28	0.011	0.10	0.1	0.04	3.3	0.2	<0.05	8	<0.5	<0.2
1068914	Soil		10	43	0.48	85	0.083	1	2.42	0.009	0.07	0.2	0.06	3.2	0.2	<0.05	6	<0.5	<0.2
1068915	Soil		11	50	0.61	80	0.099	2	2.38	0.014	0.13	0.2	0.05	3.4	0.2	<0.05	5	0.7	<0.2
1068916	Soil		19	66	0.79	127	0.121	<1	1.80	0.016	0.17	0.2	0.02	4.2	0.2	<0.05	6	0.5	<0.2
1068917	Soil		12	70	0.89	95	0.127	1	2.24	0.015	0.21	0.2	0.03	3.8	0.2	<0.05	6	<0.5	<0.2
1068918	Soil		11	42	0.58	104	0.101	2	2.81	0.011	0.07	0.2	0.07	4.1	0.1	<0.05	7	0.6	<0.2
1068919	Soil		13	28	0.29	83	0.079	<1	2.00	0.008	0.04	0.1	0.04	2.5	0.2	<0.05	9	<0.5	<0.2
1068920	Soil		12	30	0.44	99	0.079	<1	1.92	0.012	0.06	0.2	0.04	2.6	0.1	<0.05	5	<0.5	<0.2
1069271	Soil		10	33	0.53	144	0.074	1	1.75	0.016	0.13	0.1	0.05	2.9	0.2	0.05	6	<0.5	<0.2
1069272	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1069273	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1069274	Soil		14	29	0.58	125	0.116	1	1.74	0.011	0.18	0.1	0.04	2.6	0.3	<0.05	6	<0.5	<0.2
1069275	Soil		17	39	0.64	160	0.135	1	1.99	0.012	0.24	0.1	0.03	4.1	0.3	<0.05	6	<0.5	<0.2
1069276	Soil		31	31	0.41	187	0.035	3	1.11	0.014	0.11	0.2	0.08	3.0	0.2	0.16	4	0.7	<0.2
1069277	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1069284	Soil		12	289	1.75	114	0.094	2	1.33	0.025	0.13	0.1	0.03	4.6	0.2	<0.05	4	<0.5	<0.2
1069301	Soil		4	45	0.54	114	0.047	1	1.09	0.023	0.06	0.1	0.02	1.7	<0.1	0.08	4	<0.5	<0.2
1069302	Soil		12	48	0.53	216	0.046	2	1.93	0.016	0.08	0.2	0.03	2.7	0.2	<0.05	6	<0.5	<0.2
1069278	Soil		12	28	0.32	130	0.041	<1	1.32	0.014	0.06	0.1	0.02	2.1	0.1	<0.05	5	<0.5	<0.2
1069279	Soil		12	28	0.32	129	0.041	<1	1.38	0.014	0.06	<0.1	0.02	2.0	0.2	<0.05	5	<0.5	<0.2
1069292	Soil		11	27	0.32	126	0.038	<1	1.34	0.013	0.06	<0.1	0.02	2.0	0.1	<0.05	5	<0.5	<0.2
1069293	Soil		13	54	0.53	177	0.056	1	1.59	0.014	0.07	0.2	0.02	3.8	0.2	<0.05	5	0.5	<0.2
1069294	Soil		11	60	0.62	164	0.064	<1	1.36	0.013	0.06	0.1	0.03	3.3	0.1	<0.05	4	<0.5	<0.2
1069295	Soil		7	36	0.52	194	0.029	<1	1.54	0.015	0.05	<0.1	0.05	2.6	0.1	<0.05	5	<0.5	<0.2
1069296	Soil		8	89	1.15	121	0.043	<1	1.22	0.018	0.06	<0.1	0.02	3.0	<0.1	<0.05	4	<0.5	<0.2

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

Project: ECH
Report Date: July 18, 2011

CERTIFICATE OF ANALYSIS WHI11000469.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1069297	Soil		0.3	10.7	8.7	47	<0.1	131.5	9.9	275	1.86	4.2	2.0	3.1	2.3	19	0.2	0.2	0.3	37	0.28	0.048
1069298	Soil		0.9	12.9	6.7	29	0.1	40.3	12.1	1195	1.75	3.7	3.5	1.0	0.3	19	0.1	0.2	0.2	36	0.23	0.088
1069299	Soil		0.6	23.1	7.4	49	0.2	135.8	10.8	555	1.59	2.7	1.5	<0.5	0.4	20	0.6	0.2	0.2	31	0.26	0.048
1069280	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1069281	Soil		0.9	28.4	4.3	99	0.1	1206	348.3	9176	15.40	18.0	1.7	1.4	0.7	30	0.7	0.2	0.2	45	0.43	0.145
1069282	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1069283	Soil		0.5	22.7	7.8	48	0.2	133.9	10.8	572	1.62	2.6	1.5	<0.5	0.4	20	0.7	0.2	0.2	31	0.26	0.049
1069285	Soil		0.2	24.2	11.0	63	<0.1	330.7	27.7	315	2.59	6.1	5.5	4.3	5.5	18	0.2	0.4	1.6	38	0.29	0.046
1069286	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1069287	Soil		0.7	11.4	8.1	43	<0.1	91.8	8.7	201	2.19	4.9	3.6	1.7	1.5	15	0.2	0.3	0.7	43	0.18	0.052
1069288	Soil		0.7	10.7	9.6	34	<0.1	26.6	4.5	158	1.81	5.8	1.1	2.5	1.1	10	<0.1	0.3	0.5	54	0.11	0.032
1069289	Soil		0.3	7.0	2.4	31	<0.1	4.3	4.0	115	1.61	1.8	0.4	<0.5	0.4	9	<0.1	<0.1	<0.1	39	0.10	0.023
1069300	Soil		0.6	16.8	7.4	56	0.2	83.7	13.7	608	1.97	3.1	0.7	<0.5	0.7	16	0.3	0.2	0.2	37	0.19	0.042
1069290	Soil		0.8	16.0	10.8	48	<0.1	41.3	9.6	313	2.47	6.6	1.9	2.3	3.8	17	0.1	0.4	0.3	53	0.23	0.047
1069291	Soil		0.7	16.3	9.1	41	<0.1	30.5	6.9	212	2.07	4.5	2.2	1.8	1.3	17	<0.1	0.3	0.3	47	0.21	0.041
1067802	Soil		1.4	26.7	16.1	97	<0.1	24.2	9.9	409	3.11	5.6	2.7	6.6	4.2	13	0.1	0.5	0.8	58	0.17	0.049
1067804	Soil		0.6	24.9	14.5	70	<0.1	28.1	11.1	440	2.89	7.0	2.8	3.9	4.3	14	0.1	0.4	0.3	58	0.19	0.036
1067793	Soil		0.4	19.3	5.1	68	<0.1	23.4	13.6	440	3.29	2.8	3.9	0.9	7.0	16	<0.1	0.2	0.2	104	0.34	0.059
1067780	Soil		0.6	6.1	37.0	35	<0.1	7.3	3.7	256	1.33	5.9	3.4	0.8	22.3	16	<0.1	0.8	0.4	17	0.14	0.046
1067782	Soil		1.0	19.5	13.5	64	<0.1	20.2	7.4	387	2.53	6.2	3.5	2.3	7.3	11	0.1	0.5	0.2	55	0.17	0.051
1067787	Soil		4.3	49.8	11.3	133	0.3	37.8	10.8	334	3.40	4.9	6.5	1.8	3.7	24	0.3	0.4	2.4	115	0.14	0.061
1067788	Soil		0.7	18.1	10.6	65	<0.1	18.5	8.0	372	2.04	4.7	7.7	2.0	8.6	15	0.2	0.3	0.6	49	0.25	0.070
1067795	Soil		0.8	28.1	14.7	143	0.2	23.7	11.2	499	3.17	4.8	8.6	1.6	6.6	15	0.5	0.3	1.4	86	0.24	0.053
1067796	Soil		1.0	21.6	15.3	78	<0.1	25.5	11.2	512	3.26	6.9	3.7	2.3	5.1	14	0.2	0.5	0.8	70	0.16	0.046
1067797	Soil		0.7	22.4	7.6	75	<0.1	22.3	10.9	553	2.83	4.9	3.4	3.5	8.8	15	0.2	0.4	0.3	57	0.25	0.073
1067798	Soil		1.0	27.6	9.7	84	<0.1	31.0	12.9	641	3.35	6.7	3.6	6.8	7.1	19	0.3	0.4	0.6	65	0.31	0.089
1067799	Soil		1.5	111.2	11.5	93	<0.1	32.7	16.9	775	7.10	3.3	8.4	1.1	10.1	18	0.2	0.3	1.2	54	0.25	0.053
1067771	Soil		0.9	19.0	12.2	56	<0.1	22.2	8.1	385	2.36	5.5	6.1	3.0	4.4	15	<0.1	0.4	0.3	55	0.22	0.067
1067801	Soil		1.1	27.6	12.9	227	<0.1	31.8	13.2	470	3.04	5.7	2.1	7.0	4.2	16	0.4	0.3	0.6	70	0.23	0.066
1067803	Soil		1.1	28.0	15.7	114	<0.1	29.9	13.9	600	3.64	6.7	2.4	1.8	5.3	13	0.2	0.4	0.6	60	0.21	0.096

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1069297	Soil		8	80	0.82	96	0.056	1	1.10	0.014	0.06	<0.1	0.01	2.2	0.1	<0.05	3	<0.5	<0.2
1069298	Soil		6	25	0.50	143	0.021	<1	0.91	0.022	0.04	<0.1	0.04	1.3	<0.1	<0.05	4	<0.5	<0.2
1069299	Soil		4	30	0.62	105	0.036	<1	1.06	0.029	0.06	<0.1	0.02	1.5	<0.1	<0.05	4	<0.5	<0.2
1069280	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1069281	Soil		36	49	0.93	381	0.007	3	0.21	0.009	0.03	0.3	0.06	0.7	<0.1	0.21	1	1.1	<0.2
1069282	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1069283	Soil		4	30	0.65	103	0.037	1	1.07	0.029	0.06	<0.1	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2
1069285	Soil		11	157	1.38	114	0.068	2	1.30	0.017	0.13	0.2	0.04	4.1	0.2	<0.05	4	0.6	<0.2
1069286	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1069287	Soil		6	60	0.62	80	0.040	1	0.91	0.012	0.08	0.2	0.05	1.7	0.2	0.06	4	<0.5	<0.2
1069288	Soil		8	41	0.22	53	0.028	<1	0.71	0.007	0.05	0.2	0.04	1.2	<0.1	<0.05	6	<0.5	<0.2
1069289	Soil		3	8	0.17	18	0.066	<1	0.41	0.023	0.03	<0.1	<0.01	0.5	<0.1	<0.05	3	<0.5	<0.2
1069300	Soil		4	49	0.56	103	0.043	<1	1.17	0.021	0.06	<0.1	0.01	1.7	<0.1	<0.05	4	<0.5	<0.2
1069290	Soil		11	34	0.52	130	0.064	1	1.60	0.012	0.07	0.1	0.02	2.4	0.1	<0.05	5	<0.5	<0.2
1069291	Soil		10	28	0.40	141	0.044	<1	1.51	0.014	0.06	0.1	0.02	2.2	0.1	<0.05	5	<0.5	<0.2
1067802	Soil		15	40	0.61	93	0.099	1	2.03	0.010	0.15	0.1	0.04	3.8	0.2	<0.05	6	0.6	<0.2
1067804	Soil		11	33	0.62	115	0.093	2	2.28	0.012	0.10	0.2	0.02	3.4	0.2	<0.05	5	<0.5	<0.2
1067793	Soil		20	58	1.38	232	0.225	<1	2.50	0.037	0.45	0.4	0.02	7.1	0.4	<0.05	8	<0.5	<0.2
1067780	Soil		28	10	0.15	58	0.011	<1	0.69	0.005	0.06	<0.1	<0.01	1.0	<0.1	<0.05	2	<0.5	<0.2
1067782	Soil		14	26	0.44	68	0.071	1	1.86	0.010	0.07	0.1	0.04	2.1	0.2	<0.05	5	<0.5	<0.2
1067787	Soil		14	48	0.83	276	0.122	1	2.30	0.034	0.37	0.7	0.05	3.3	0.4	0.18	7	2.0	<0.2
1067788	Soil		13	23	0.40	95	0.079	<1	1.53	0.015	0.06	2.2	0.04	2.2	0.1	<0.05	4	<0.5	<0.2
1067795	Soil		20	43	0.89	194	0.134	1	2.43	0.017	0.23	0.4	0.04	6.4	0.3	<0.05	8	<0.5	<0.2
1067796	Soil		16	34	0.56	133	0.071	<1	2.06	0.010	0.08	0.3	0.05	3.5	0.1	<0.05	6	<0.5	<0.2
1067797	Soil		20	29	0.58	135	0.111	<1	1.91	0.014	0.18	0.3	0.04	3.4	0.3	<0.05	6	0.6	<0.2
1067798	Soil		23	41	0.83	224	0.131	1	2.15	0.015	0.32	0.2	0.04	4.6	0.4	<0.05	7	<0.5	<0.2
1067799	Soil		37	43	0.62	235	0.071	<1	2.27	0.022	0.31	0.6	0.03	6.8	0.6	0.08	7	0.5	<0.2
1067771	Soil		12	29	0.44	103	0.073	2	1.64	0.011	0.07	0.3	0.05	2.5	0.1	0.06	5	<0.5	<0.2
1067801	Soil		12	49	0.73	119	0.131	2	1.84	0.017	0.15	0.3	0.03	4.2	0.2	0.06	5	<0.5	<0.2
1067803	Soil		18	38	0.57	138	0.116	1	2.08	0.010	0.24	0.2	0.03	4.7	0.4	<0.05	6	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1067790	Soil		0.5	13.2	12.8	55	<0.1	15.9	6.8	257	1.85	4.3	3.6	6.2	6.1	15	0.2	0.3	0.6	36	0.21	0.085
1067791	Soil		0.6	21.3	12.4	60	<0.1	24.9	10.3	498	2.42	6.2	4.3	1.5	5.3	15	0.2	0.4	0.4	54	0.18	0.067
1067792	Soil		0.7	20.9	10.5	66	<0.1	20.9	9.4	460	2.30	5.3	9.1	3.1	6.5	16	0.2	0.4	0.5	54	0.24	0.082
1069370	Soil		0.9	24.3	12.4	64	0.1	21.9	11.3	421	2.93	5.8	1.8	1.6	1.8	22	0.1	0.4	0.4	50	0.23	0.067
1069371	Soil		1.0	27.2	13.5	75	<0.1	28.9	15.4	567	3.44	6.4	1.8	2.1	3.5	16	0.1	0.4	0.4	58	0.18	0.073
1069372	Soil		1.1	31.8	13.7	68	0.2	24.6	10.5	344	3.29	8.2	3.2	2.6	2.0	17	0.2	0.4	0.5	60	0.17	0.079
1069373	Soil		0.5	9.7	4.7	31	<0.1	4.7	4.1	108	1.70	3.3	0.4	0.8	0.5	11	<0.1	0.2	0.1	40	0.11	0.040
1069374	Soil		0.5	10.2	3.9	35	<0.1	4.0	4.5	125	1.91	3.1	0.3	<0.5	0.4	10	<0.1	0.2	<0.1	49	0.13	0.046
1069362	Soil		1.0	18.6	9.8	58	<0.1	19.2	8.6	280	2.43	6.5	5.1	3.2	2.9	15	0.2	0.4	0.3	53	0.20	0.068
1069363	Soil		0.6	17.6	10.6	55	<0.1	18.7	9.2	351	3.85	6.2	2.9	1.9	4.0	19	<0.1	0.3	0.5	53	0.28	0.071
1069364	Soil		0.4	17.4	11.1	51	<0.1	19.3	6.8	227	1.77	1.9	3.9	3.2	3.5	21	<0.1	0.3	0.7	38	0.33	0.071
1069365	Soil		0.9	24.8	12.0	60	0.1	23.4	9.4	202	2.79	5.8	6.1	3.2	4.1	17	0.2	0.4	0.5	62	0.20	0.068
1069366	Soil		0.8	24.1	9.6	70	<0.1	25.1	11.9	494	3.09	6.4	1.8	2.3	4.6	15	0.2	0.4	0.4	56	0.19	0.051
1069367	Soil		1.1	21.1	10.5	57	<0.1	23.2	9.5	341	3.50	6.5	0.9	2.2	2.5	13	0.2	0.4	0.3	66	0.13	0.048
1069368	Soil		0.9	33.4	14.5	89	<0.1	55.0	19.4	625	4.54	6.2	2.7	3.4	5.2	14	<0.1	0.4	0.5	60	0.19	0.060
1069369	Soil		1.1	36.2	12.7	89	<0.1	30.7	15.4	593	3.96	5.1	1.8	2.2	3.1	24	0.2	0.3	0.4	62	0.21	0.066
1069342	Soil		0.9	15.4	13.3	52	0.1	17.8	7.2	265	2.44	5.4	9.3	2.5	1.0	19	0.1	0.3	0.3	54	0.19	0.069
1069343	Soil		1.1	12.7	12.2	44	0.1	13.9	10.1	796	2.49	5.7	5.0	0.8	0.9	15	<0.1	0.3	0.3	55	0.15	0.071
1069344	Soil		1.0	23.2	13.0	47	0.1	16.1	10.7	196	4.54	9.8	6.0	2.8	7.3	12	0.2	0.6	0.3	62	0.18	0.085
1069345	Soil		0.4	14.1	13.0	30	<0.1	11.4	7.1	186	1.67	4.1	6.5	2.1	2.2	13	0.2	0.4	0.2	58	0.17	0.058
1069346	Soil		3.3	12.6	24.6	21	0.1	11.4	4.1	102	8.64	10.4	6.7	1.1	2.2	14	<0.1	0.4	0.2	49	0.18	0.087
1069347	Soil		3.4	13.1	22.5	24	0.1	12.4	4.2	112	8.78	10.4	6.3	1.4	2.4	15	<0.1	0.4	0.2	54	0.18	0.092
1069348	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1069349	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1069350	Soil		1.3	10.3	23.4	25	0.2	12.3	3.8	93	1.71	4.9	9.6	3.0	0.7	17	<0.1	0.4	0.2	33	0.21	0.101
1069351	Soil		1.0	12.7	20.8	52	0.1	18.4	9.4	259	2.56	11.8	11.3	1.6	2.6	15	0.1	0.3	0.3	60	0.17	0.066
1069352	Soil		0.9	11.8	19.6	49	0.1	17.3	8.8	242	2.48	12.4	11.0	3.2	2.6	14	<0.1	0.4	0.3	61	0.16	0.067
1069353	Soil		1.0	13.0	18.3	49	0.2	15.3	9.7	620	2.63	7.1	9.8	3.1	0.9	20	<0.1	0.3	0.3	54	0.24	0.090
1069354	Soil		0.9	15.9	13.6	44	0.1	15.5	8.9	255	2.53	6.6	5.0	1.2	2.6	14	<0.1	0.4	0.2	57	0.24	0.084
1069355	Soil		0.9	13.6	13.0	39	0.1	14.0	9.8	376	2.68	7.1	4.3	4.4	2.8	13	<0.1	0.3	0.2	55	0.24	0.078

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

Project: ECH
Report Date: July 18, 2011

CERTIFICATE OF ANALYSIS WHI11000469.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1067790	Soil		12	19	0.33	76	0.049	2	1.35	0.011	0.05	0.2	0.02	1.7	<0.1	<0.05	3	<0.5	<0.2
1067791	Soil		11	26	0.47	121	0.079	2	1.95	0.014	0.06	0.2	0.03	2.6	<0.1	<0.05	5	<0.5	<0.2
1067792	Soil		14	27	0.47	113	0.090	2	1.78	0.015	0.07	0.2	0.04	3.0	0.1	<0.05	5	<0.5	<0.2
1069370	Soil		11	27	0.49	134	0.088	1	1.72	0.015	0.22	0.1	0.06	2.8	0.2	0.09	6	0.7	<0.2
1069371	Soil		14	33	0.63	141	0.121	1	1.92	0.012	0.33	0.3	0.03	3.9	0.3	0.09	6	<0.5	<0.2
1069372	Soil		12	32	0.54	118	0.106	2	1.96	0.012	0.23	0.1	0.05	3.1	0.3	0.13	7	<0.5	<0.2
1069373	Soil		4	9	0.20	37	0.068	<1	0.76	0.021	0.03	0.1	0.01	0.8	<0.1	<0.05	4	<0.5	<0.2
1069374	Soil		4	9	0.20	28	0.080	<1	0.70	0.019	0.03	<0.1	0.01	0.7	<0.1	<0.05	4	<0.5	<0.2
1069362	Soil		13	27	0.44	140	0.082	2	1.72	0.014	0.10	0.2	0.04	3.3	0.2	<0.05	5	<0.5	<0.2
1069363	Soil		14	29	0.56	113	0.124	1	1.60	0.013	0.26	0.2	0.05	4.0	0.3	0.11	5	<0.5	<0.2
1069364	Soil		13	34	0.58	110	0.121	1	1.56	0.017	0.20	0.2	0.05	3.7	0.3	<0.05	5	<0.5	<0.2
1069365	Soil		26	31	0.58	162	0.100	2	2.19	0.013	0.16	0.1	0.07	5.4	0.3	<0.05	7	0.7	<0.2
1069366	Soil		12	29	0.62	108	0.137	2	1.86	0.012	0.27	0.2	0.06	3.8	0.2	<0.05	6	0.6	<0.2
1069367	Soil		8	34	0.49	83	0.144	1	1.85	0.012	0.18	0.2	0.05	3.0	0.2	<0.05	7	<0.5	<0.2
1069368	Soil		15	73	0.87	114	0.146	1	2.15	0.013	0.51	0.1	0.03	5.3	0.4	<0.05	7	<0.5	<0.2
1069369	Soil		10	38	0.75	148	0.166	2	2.11	0.021	0.55	0.1	0.03	3.5	0.4	0.13	8	<0.5	<0.2
1069342	Soil		10	29	0.48	181	0.039	1	1.93	0.011	0.07	0.1	0.03	2.2	0.2	<0.05	7	<0.5	<0.2
1069343	Soil		10	25	0.37	180	0.049	<1	1.67	0.013	0.06	0.2	0.03	2.1	0.2	0.05	6	<0.5	<0.2
1069344	Soil		16	32	0.44	131	0.094	<1	2.16	0.008	0.13	0.4	0.05	3.9	0.2	<0.05	6	<0.5	<0.2
1069345	Soil		14	28	0.31	148	0.054	1	1.41	0.012	0.08	0.2	0.06	3.3	0.2	0.11	5	0.6	<0.2
1069346	Soil		14	26	0.14	143	0.027	1	1.17	0.007	0.06	0.2	0.09	2.7	0.2	0.13	4	0.8	<0.2
1069347	Soil		14	28	0.15	148	0.035	1	1.20	0.008	0.06	0.2	0.09	2.7	0.2	0.17	4	0.8	<0.2
1069348	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1069349	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1069350	Soil		9	26	0.22	127	0.027	1	1.04	0.008	0.07	0.2	0.12	2.3	0.2	0.14	4	<0.5	<0.2
1069351	Soil		15	32	0.47	180	0.030	2	1.83	0.011	0.08	0.2	0.04	3.5	0.3	<0.05	7	<0.5	<0.2
1069352	Soil		15	31	0.47	175	0.028	1	1.94	0.009	0.08	0.2	0.05	3.4	0.2	<0.05	6	0.5	<0.2
1069353	Soil		10	30	0.42	180	0.024	1	1.77	0.012	0.07	0.2	0.04	2.4	0.2	0.08	6	<0.5	<0.2
1069354	Soil		12	31	0.41	148	0.044	1	1.67	0.011	0.07	0.1	0.06	3.1	0.2	0.05	5	<0.5	<0.2
1069355	Soil		11	27	0.40	139	0.043	<1	1.61	0.011	0.06	0.1	0.05	3.0	0.1	<0.05	5	<0.5	<0.2

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Project: ECH
Report Date: July 18, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1067772	Soil		0.8	12.1	10.3	41	<0.1	10.4	4.1	159	2.07	3.8	1.2	1.5	1.5	8	0.2	0.3	0.4	56	0.11	0.055
1067773	Soil		0.7	16.6	10.6	70	<0.1	24.0	11.1	574	2.70	4.7	9.3	2.0	7.3	20	0.2	0.3	0.7	57	0.32	0.101
1067774	Soil		0.7	15.8	10.8	65	<0.1	20.9	9.9	556	2.48	4.7	9.0	1.5	6.7	18	0.2	0.3	0.7	53	0.30	0.107
1067775	Soil		1.3	20.1	6.7	67	<0.1	22.8	10.3	454	3.03	5.6	2.1	8.4	4.8	15	<0.1	0.3	0.3	59	0.26	0.080
1067776	Soil		0.6	19.8	8.5	62	<0.1	23.2	9.9	390	2.74	6.5	1.5	0.6	3.6	15	<0.1	0.3	0.2	56	0.26	0.071
1067777	Soil		0.5	19.3	7.2	60	<0.1	21.8	8.6	351	2.41	5.1	4.3	1.8	5.1	18	0.2	0.3	0.2	54	0.30	0.080
1067778	Soil		0.5	17.8	6.4	59	<0.1	22.0	8.4	310	2.16	4.5	3.6	1.3	4.8	18	0.2	0.2	0.1	50	0.30	0.086
1067779	Soil		0.7	22.8	7.5	65	<0.1	25.9	10.7	380	2.63	7.0	2.1	<0.5	2.6	14	0.1	0.4	0.2	62	0.21	0.055
1067781	Soil		1.0	18.9	11.8	58	<0.1	20.9	8.9	388	2.68	8.0	2.8	1.9	3.0	11	<0.1	0.4	0.3	59	0.15	0.046
1067789	Soil		1.2	21.5	13.5	61	<0.1	22.0	8.3	389	2.76	8.2	3.2	6.1	1.4	13	0.1	0.4	0.4	71	0.16	0.061
1067794	Soil		0.9	19.3	10.3	77	<0.1	22.8	12.3	628	3.38	5.5	8.7	2.2	3.9	15	0.2	0.3	0.9	95	0.26	0.093
1067783	Soil		0.9	21.0	13.2	86	<0.1	19.8	8.3	400	2.50	5.2	12.3	3.2	10.1	21	0.1	0.4	1.0	54	0.32	0.069
1067784	Soil		0.9	22.5	11.1	70	<0.1	29.0	11.3	442	2.78	8.8	2.1	3.0	3.0	14	0.1	0.5	1.1	66	0.19	0.048
1067785	Soil		1.3	28.9	11.4	91	<0.1	33.3	11.6	469	2.91	8.1	4.7	2.0	3.5	17	0.3	0.4	1.2	73	0.23	0.060
1067786	Soil		2.6	36.1	15.0	102	0.1	30.5	11.1	455	3.89	5.4	8.9	1.0	2.1	15	0.2	0.4	1.3	65	0.14	0.082
1067800	Soil		0.9	26.4	9.5	66	<0.1	25.5	11.2	450	3.20	7.3	1.8	0.8	3.4	14	<0.1	0.4	0.3	67	0.18	0.049
1069356	Soil		0.6	13.2	10.6	45	<0.1	15.3	11.1	483	2.19	3.2	2.8	1.4	4.7	13	0.1	0.3	0.2	52	0.25	0.053
1069357	Soil		1.1	19.6	14.0	68	0.1	23.6	11.8	453	3.16	7.4	9.6	1.7	3.8	21	0.2	0.4	0.2	71	0.31	0.077
1069358	Soil		0.8	9.1	4.9	27	<0.1	6.7	3.6	100	1.52	2.8	0.6	8.1	1.5	8	<0.1	0.2	0.1	47	0.09	0.025
1069359	Soil		0.9	18.5	11.2	55	<0.1	22.0	9.7	329	2.92	8.9	2.8	3.6	5.9	15	0.2	0.4	0.2	73	0.21	0.047
1069360	Soil		0.9	14.2	9.1	46	<0.1	16.3	7.0	243	2.36	6.4	1.6	4.2	3.6	16	<0.1	0.3	0.2	61	0.22	0.047
1069361	Soil		0.7	11.2	6.6	32	<0.1	10.5	5.1	134	1.86	4.2	2.3	1.1	1.0	16	<0.1	0.2	0.2	43	0.17	0.050
1069341	Soil		0.7	26.3	9.8	66	<0.1	25.8	10.6	431	2.81	8.0	5.7	2.0	3.4	17	0.2	0.4	0.2	63	0.22	0.053
1069318	Soil		1.0	32.0	11.2	92	<0.1	29.4	12.5	612	3.27	8.2	20.7	3.0	6.8	20	0.3	0.4	0.2	71	0.35	0.108
1069319	Soil		1.4	30.0	21.7	79	<0.1	28.4	12.7	614	3.67	11.0	31.5	0.5	2.3	12	0.1	0.6	0.3	74	0.13	0.084
1069321	Soil		0.7	25.5	9.1	65	<0.1	25.8	10.0	381	2.68	7.4	5.2	4.9	3.5	16	0.1	0.4	0.1	61	0.22	0.053
1069322	Soil		0.8	25.0	10.7	75	<0.1	28.7	12.1	425	3.42	3.5	2.6	0.7	4.2	11	0.1	0.3	0.2	49	0.16	0.049
1069323	Soil		0.6	22.8	9.9	52	<0.1	22.0	7.5	212	2.50	5.3	3.6	8.5	2.6	13	<0.1	0.3	0.2	54	0.17	0.057
1069324	Soil		1.1	22.6	11.2	74	<0.1	25.2	10.8	406	3.45	15.2	1.0	2.8	3.0	13	<0.1	0.4	0.4	72	0.15	0.045
1069325	Soil		0.7	21.9	7.4	62	<0.1	25.1	10.8	442	2.55	5.4	1.3	<0.5	4.3	16	<0.1	0.3	0.2	57	0.26	0.066

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1067772	Soil	11	21	0.27	45	0.098	1	1.32	0.007	0.11	0.1	0.05	1.6	0.2	0.07	8	<0.5	<0.2
1067773	Soil	17	32	0.67	188	0.120	<1	1.61	0.016	0.37	1.3	0.02	5.1	0.4	<0.05	6	<0.5	<0.2
1067774	Soil	16	30	0.60	163	0.108	1	1.54	0.014	0.28	0.9	0.02	4.3	0.3	<0.05	5	0.6	<0.2
1067775	Soil	14	28	0.53	108	0.104	1	1.93	0.009	0.20	0.2	0.04	2.9	0.3	<0.05	6	<0.5	<0.2
1067776	Soil	11	32	0.62	107	0.094	<1	2.07	0.010	0.14	0.2	0.02	3.0	0.2	0.05	6	0.7	<0.2
1067777	Soil	11	28	0.49	120	0.090	1	1.77	0.012	0.11	0.1	0.02	2.8	0.2	<0.05	5	<0.5	<0.2
1067778	Soil	11	26	0.50	110	0.089	1	1.74	0.012	0.11	0.2	0.02	2.6	0.1	<0.05	5	<0.5	<0.2
1067779	Soil	10	29	0.53	107	0.083	1	2.08	0.009	0.08	0.2	0.04	2.5	0.1	<0.05	5	0.8	<0.2
1067781	Soil	11	29	0.47	64	0.067	1	1.93	0.007	0.07	0.2	0.03	2.2	0.1	0.06	6	0.7	<0.2
1067789	Soil	10	32	0.43	97	0.061	1	1.88	0.007	0.05	0.2	0.09	2.1	0.1	0.09	6	0.7	<0.2
1067794	Soil	23	48	0.97	229	0.116	<1	2.84	0.020	0.25	0.6	0.05	5.9	0.3	0.07	9	<0.5	<0.2
1067783	Soil	20	30	0.49	128	0.079	1	1.57	0.012	0.11	0.2	0.03	3.7	0.2	<0.05	5	<0.5	<0.2
1067784	Soil	11	32	0.55	93	0.082	<1	1.92	0.011	0.06	0.4	0.04	2.7	<0.1	<0.05	6	<0.5	<0.2
1067785	Soil	12	38	0.73	163	0.097	2	2.33	0.015	0.12	1.0	0.04	3.7	0.2	0.08	6	0.5	<0.2
1067786	Soil	10	49	0.80	220	0.101	1	2.21	0.020	0.45	0.8	0.06	3.7	0.5	0.20	7	1.1	<0.2
1067800	Soil	14	37	0.59	106	0.098	1	2.19	0.010	0.12	0.2	0.05	3.4	0.2	<0.05	6	0.7	<0.2
1069356	Soil	12	33	0.51	131	0.071	2	1.67	0.011	0.09	0.2	0.03	3.6	0.2	0.06	6	<0.5	<0.2
1069357	Soil	17	37	0.56	231	0.073	2	2.30	0.012	0.10	0.2	0.06	4.2	0.2	<0.05	7	0.5	<0.2
1069358	Soil	5	12	0.11	34	0.066	<1	0.71	0.011	0.04	0.1	0.03	1.0	<0.1	<0.05	4	<0.5	<0.2
1069359	Soil	14	34	0.49	139	0.093	<1	2.26	0.009	0.08	0.2	0.03	3.6	0.1	<0.05	7	<0.5	<0.2
1069360	Soil	10	25	0.38	90	0.077	1	1.35	0.011	0.06	0.3	0.03	2.2	<0.1	0.06	5	<0.5	<0.2
1069361	Soil	11	16	0.21	140	0.046	<1	1.24	0.014	0.04	0.3	0.03	1.4	0.1	0.05	5	<0.5	<0.2
1069341	Soil	13	35	0.64	120	0.091	2	2.30	0.013	0.10	0.1	0.05	3.4	0.1	0.06	5	0.5	<0.2
1069318	Soil	22	36	0.64	177	0.105	2	2.08	0.014	0.14	0.1	0.05	4.6	0.2	<0.05	7	0.7	<0.2
1069319	Soil	18	39	0.59	160	0.049	2	2.66	0.008	0.09	0.3	0.06	3.3	0.2	0.11	8	0.6	<0.2
1069321	Soil	12	34	0.61	107	0.094	1	2.12	0.012	0.10	0.1	0.03	3.5	0.1	0.06	5	0.6	<0.2
1069322	Soil	13	33	0.49	82	0.078	1	1.50	0.008	0.17	0.1	0.03	2.7	0.3	<0.05	5	0.8	<0.2
1069323	Soil	12	37	0.60	85	0.087	2	1.96	0.010	0.14	0.1	0.03	2.8	0.2	0.06	6	<0.5	<0.2
1069324	Soil	12	34	0.57	106	0.120	2	2.06	0.008	0.20	0.1	0.05	3.0	0.2	0.06	8	<0.5	<0.2
1069325	Soil	12	30	0.60	97	0.104	<1	2.13	0.015	0.19	0.1	0.04	4.2	0.3	<0.05	6	<0.5	<0.2

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

Project: ECH
Report Date: July 18, 2011

CERTIFICATE OF ANALYSIS WHI11000469.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1068487	Soil	0.8	20.9	6.2	64	<0.1	21.6	10.0	433	2.32	5.0	2.8	0.7	6.6	13	0.3	0.3	0.1	52	0.23	0.072
1068488	Soil	0.9	26.2	8.1	71	<0.1	27.2	12.4	494	2.84	6.9	5.0	3.3	4.9	15	<0.1	0.4	0.1	62	0.23	0.062
1068489	Soil	0.5	26.4	7.3	114	<0.1	135.2	37.9	1194	5.47	2.7	3.8	0.6	5.0	19	0.2	0.2	0.3	102	0.38	0.078
1069326	Soil	0.4	13.7	10.8	54	<0.1	16.7	9.6	433	3.25	4.9	3.7	<0.5	9.4	15	<0.1	0.3	0.3	48	0.24	0.078
1069327	Soil	0.6	28.1	9.6	96	<0.1	36.9	17.4	1077	4.47	6.9	3.9	1.7	9.9	24	0.1	0.3	0.4	92	0.45	0.087
1069328	Soil	0.6	22.9	8.5	71	<0.1	25.2	10.8	446	2.70	6.4	1.4	1.8	2.1	14	0.2	0.3	0.2	58	0.24	0.083
1069329	Soil	0.6	20.0	7.8	74	<0.1	21.5	9.4	354	2.78	5.4	1.2	<0.5	3.5	16	0.2	0.3	0.1	58	0.27	0.095
1069330	Soil	0.6	19.0	21.2	92	<0.1	23.9	10.7	623	3.61	6.2	2.2	<0.5	9.8	16	0.2	0.4	0.2	46	0.26	0.092
1069331	Soil	0.6	17.8	7.0	69	<0.1	22.2	9.6	506	2.51	5.3	1.4	5.1	5.3	15	0.2	0.3	0.1	58	0.25	0.082
1069332	Soil	0.6	16.4	7.3	62	<0.1	20.6	8.5	439	2.41	5.3	1.1	5.2	3.7	14	0.2	0.3	0.2	56	0.24	0.077
1069333	Soil	0.9	31.0	8.7	72	<0.1	28.9	13.2	466	3.61	6.7	1.0	4.4	4.0	19	0.1	0.4	0.2	58	0.19	0.062
1069334	Soil	0.7	30.5	16.4	91	<0.1	30.1	15.4	739	4.03	7.6	5.5	<0.5	10.2	17	0.2	0.7	0.5	40	0.28	0.096
1069335	Soil	1.3	27.9	9.6	70	<0.1	26.5	11.6	515	3.51	6.7	2.2	2.3	3.6	15	0.1	0.5	0.4	63	0.13	0.052
1069320	Soil	0.9	33.1	15.7	72	<0.1	34.9	14.7	507	4.27	6.6	10.5	1.6	4.9	20	0.1	0.4	0.3	89	0.36	0.071
1069311	Soil	0.8	27.8	7.8	68	<0.1	28.0	13.7	418	3.00	8.3	2.3	2.0	3.0	14	0.3	0.5	0.2	68	0.23	0.057
1069312	Soil	0.8	24.2	9.3	55	<0.1	21.5	9.0	344	2.69	7.4	3.6	1.3	1.9	12	0.1	0.5	0.2	62	0.15	0.050
1069313	Soil	0.8	24.2	8.7	55	<0.1	21.2	8.9	362	2.61	7.0	7.0	2.4	3.3	16	0.1	0.4	0.2	59	0.23	0.067
1069314	Soil	1.1	17.5	8.9	48	<0.1	13.1	5.4	239	2.26	6.1	5.8	7.1	0.6	10	0.1	0.5	0.2	58	0.12	0.067
1069307	Soil	0.7	20.3	11.1	69	<0.1	22.9	10.8	512	2.78	9.2	11.4	1.6	6.8	25	0.2	0.8	0.4	58	0.39	0.094
1069308	Soil	0.7	19.7	10.3	50	<0.1	20.6	7.4	284	2.37	8.0	3.7	1.7	3.0	13	0.1	0.5	0.2	53	0.20	0.066
1069309	Soil	0.7	18.9	13.2	58	<0.1	23.0	9.5	376	2.52	7.0	3.9	<0.5	3.3	17	0.2	0.4	0.2	57	0.28	0.094
1069310	Soil	1.3	20.7	11.2	54	<0.1	19.6	8.6	385	3.05	8.5	1.4	4.0	1.2	12	0.1	0.6	0.2	76	0.15	0.059
1069315	Soil	0.9	23.4	13.5	69	<0.1	25.5	10.7	427	2.96	8.1	8.9	2.0	4.8	13	0.1	0.5	0.2	55	0.22	0.079
1069316	Soil	1.2	24.0	18.7	74	<0.1	25.8	11.3	460	3.10	8.2	10.0	1.1	6.0	12	0.1	0.5	0.2	53	0.23	0.086
1069317	Soil	0.8	26.2	7.7	73	<0.1	32.4	12.6	515	3.14	6.9	7.3	2.2	5.3	19	0.3	0.5	0.2	71	0.31	0.072

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Project: ECH
Report Date: July 18, 2011

CERTIFICATE OF ANALYSIS WHI11000469.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1068487	Soil	14	26	0.46	83	0.084	2	1.73	0.010	0.10	0.2	0.03	2.8	0.1	<0.05	5	<0.5	<0.2
1068488	Soil	14	31	0.55	113	0.095	2	2.13	0.012	0.10	0.2	0.06	2.9	0.2	<0.05	6	0.5	<0.2
1068489	Soil	16	257	1.82	251	0.170	2	3.50	0.039	1.22	2.1	0.03	10.2	1.3	<0.05	10	<0.5	<0.2
1069326	Soil	31	21	0.49	112	0.056	<1	1.97	0.007	0.19	0.1	0.03	5.2	0.3	<0.05	6	<0.5	<0.2
1069327	Soil	33	74	1.04	164	0.146	1	2.70	0.022	0.43	0.1	0.02	10.3	0.5	<0.05	9	<0.5	<0.2
1069328	Soil	12	24	0.53	99	0.075	1	2.29	0.010	0.12	0.2	0.05	3.3	0.2	0.08	6	0.7	<0.2
1069329	Soil	11	27	0.53	96	0.093	2	1.91	0.010	0.10	0.2	0.04	3.6	0.2	0.05	6	<0.5	<0.2
1069330	Soil	18	24	0.46	144	0.041	<1	2.06	0.008	0.12	<0.1	0.02	5.8	0.2	0.05	5	<0.5	<0.2
1069331	Soil	11	26	0.47	94	0.106	2	1.88	0.013	0.12	0.2	0.03	4.1	0.2	<0.05	5	<0.5	<0.2
1069332	Soil	10	26	0.43	96	0.099	1	1.69	0.013	0.10	0.9	0.03	3.6	0.1	<0.05	5	<0.5	<0.2
1069333	Soil	11	33	0.71	134	0.129	2	2.19	0.018	0.33	0.1	0.04	3.4	0.3	0.09	6	0.8	<0.2
1069334	Soil	23	21	0.41	104	0.081	2	1.35	0.009	0.32	0.1	0.03	2.9	0.6	<0.05	4	<0.5	<0.2
1069335	Soil	13	30	0.50	96	0.111	<1	1.74	0.015	0.18	0.1	0.04	2.4	0.3	0.08	6	<0.5	<0.2
1069320	Soil	14	75	1.10	164	0.144	3	2.42	0.016	0.32	0.1	0.05	7.0	0.3	0.05	8	<0.5	<0.2
1069311	Soil	11	35	0.72	111	0.113	1	2.12	0.014	0.08	0.3	0.04	3.2	0.1	<0.05	6	<0.5	<0.2
1069312	Soil	10	32	0.55	69	0.086	2	2.01	0.011	0.08	0.1	0.07	2.7	0.1	<0.05	6	<0.5	<0.2
1069313	Soil	14	32	0.47	102	0.096	2	2.00	0.012	0.07	0.1	0.04	3.6	<0.1	<0.05	5	<0.5	<0.2
1069314	Soil	9	23	0.26	66	0.055	2	1.34	0.010	0.05	0.1	0.07	1.5	0.1	0.06	6	0.6	<0.2
1069307	Soil	20	34	0.63	151	0.119	2	1.76	0.017	0.21	0.6	0.03	5.0	0.3	<0.05	6	<0.5	<0.2
1069308	Soil	10	28	0.45	74	0.079	2	1.92	0.010	0.06	0.1	0.05	2.6	0.1	<0.05	5	0.6	<0.2
1069309	Soil	11	30	0.48	109	0.085	<1	1.95	0.010	0.08	0.1	0.04	3.0	0.1	<0.05	5	<0.5	<0.2
1069310	Soil	9	32	0.46	89	0.083	2	1.76	0.008	0.05	0.1	0.06	2.4	0.1	<0.05	8	<0.5	<0.2
1069315	Soil	12	30	0.56	86	0.077	1	2.15	0.010	0.08	0.2	0.05	3.3	0.1	<0.05	5	<0.5	<0.2
1069316	Soil	13	31	0.55	88	0.059	2	2.06	0.010	0.08	0.1	0.04	3.4	0.1	<0.05	5	<0.5	<0.2
1069317	Soil	15	41	0.78	185	0.135	<1	2.02	0.017	0.16	0.2	0.03	4.6	0.3	<0.05	6	<0.5	<0.2

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Project: ECH
Report Date: July 18, 2011

QUALITY CONTROL REPORT WHI11000469.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1068594	Soil	0.7	20.6	8.8	50	<0.1	23.6	10.7	343	2.51	5.4	2.0	5.3	3.2	12	<0.1	0.4	0.2	59	0.19	0.048
REP 1068594	QC	0.7	20.7	9.1	50	<0.1	24.3	10.6	342	2.51	5.3	2.0	4.7	3.0	12	<0.1	0.4	0.2	60	0.18	0.049
1069222	Soil	1.4	27.1	14.0	67	<0.1	28.6	14.8	467	3.48	6.7	1.8	2.0	3.2	15	<0.1	0.4	0.4	61	0.18	0.076
REP 1069222	QC	1.2	25.9	14.3	64	<0.1	27.9	14.6	459	3.42	6.7	1.8	2.1	3.1	16	<0.1	0.4	0.3	61	0.17	0.074
1068578	Soil	0.6	26.7	9.9	68	0.2	30.1	13.2	278	2.86	5.1	4.1	5.4	3.9	14	0.1	0.2	0.4	91	0.26	0.045
REP 1068578	QC	0.7	27.6	10.3	70	0.2	31.9	13.8	291	3.02	5.3	4.2	3.7	4.0	14	0.1	0.2	0.5	97	0.28	0.050
1069230	Soil	0.4	5.6	2.1	16	0.1	3.6	2.1	60	0.79	0.5	0.9	1.2	0.1	10	<0.1	<0.1	<0.1	18	0.10	0.043
REP 1069230	QC	0.4	5.4	2.0	15	0.1	4.1	2.1	62	0.81	0.8	0.8	3.3	<0.1	10	<0.1	<0.1	0.1	18	0.10	0.040
1067909	Soil	0.6	22.9	9.8	74	<0.1	21.6	8.4	291	2.34	4.8	8.5	2.0	4.5	25	0.2	0.3	0.4	57	0.40	0.096
REP 1067909	QC	0.7	23.9	9.6	77	<0.1	23.1	8.2	286	2.44	5.1	8.4	9.0	4.2	25	0.2	0.3	0.3	57	0.38	0.105
1032606	Soil	0.9	19.5	11.9	59	<0.1	21.4	8.9	418	2.63	7.3	2.0	5.1	1.8	13	0.1	0.4	0.3	60	0.18	0.068
REP 1032606	QC	0.9	19.7	12.1	58	<0.1	21.2	8.7	406	2.63	7.2	1.9	1.9	1.8	13	0.1	0.4	0.3	60	0.18	0.066
1068551	Soil	0.9	18.4	12.5	72	<0.1	21.7	10.9	458	2.77	3.0	4.3	3.9	9.6	11	0.2	0.3	0.2	55	0.23	0.073
REP 1068551	QC	0.8	17.9	12.4	71	<0.1	21.9	10.8	467	2.96	2.8	4.3	6.9	10.3	11	0.1	0.3	0.3	54	0.23	0.075
1068921	Soil	1.3	18.2	15.1	50	0.1	15.8	6.4	307	2.78	4.8	2.8	2.9	2.8	11	0.2	0.3	0.6	52	0.14	0.046
REP 1068921	QC	1.2	17.5	14.9	46	0.1	14.8	6.0	298	2.71	4.1	2.8	4.1	2.6	11	0.2	0.2	0.5	51	0.13	0.043
1068905	Soil	2.7	13.6	11.9	33	<0.1	10.1	3.5	126	1.81	4.7	0.9	3.5	1.7	8	0.1	0.6	1.2	89	0.06	0.032
REP 1068905	QC	2.6	13.3	11.9	32	<0.1	10.1	3.4	122	1.77	4.6	0.9	5.0	1.7	7	0.1	0.5	1.2	87	0.06	0.031
1068914	Soil	1.2	16.0	12.3	58	0.1	21.4	8.9	303	3.07	6.7	1.6	4.0	3.3	14	0.2	0.4	0.5	60	0.15	0.045
REP 1068914	QC	1.2	15.9	13.5	60	0.1	22.1	9.1	319	3.16	6.6	1.7	1.4	3.4	14	0.2	0.5	0.5	62	0.16	0.046
1069297	Soil	0.3	10.7	8.7	47	<0.1	131.5	9.9	275	1.86	4.2	2.0	3.1	2.3	19	0.2	0.2	0.3	37	0.28	0.048
REP 1069297	QC	0.2	10.4	8.6	47	<0.1	128.7	9.9	277	1.92	4.1	2.0	1.8	2.5	19	0.1	0.2	0.3	38	0.28	0.047
1067799	Soil	1.5	111.2	11.5	93	<0.1	32.7	16.9	775	7.10	3.3	8.4	1.1	10.1	18	0.2	0.3	1.2	54	0.25	0.053
REP 1067799	QC	1.5	111.3	11.8	92	<0.1	32.3	16.5	759	7.02	3.3	8.5	1.1	10.1	18	0.2	0.2	1.2	54	0.25	0.052
1069370	Soil	0.9	24.3	12.4	64	0.1	21.9	11.3	421	2.93	5.8	1.8	1.6	1.8	22	0.1	0.4	0.4	50	0.23	0.067
REP 1069370	QC	0.9	25.0	13.5	66	0.1	22.2	11.6	437	3.04	5.6	1.9	2.4	1.9	22	0.2	0.3	0.4	51	0.26	0.063
1069351	Soil	1.0	12.7	20.8	52	0.1	18.4	9.4	259	2.56	11.8	11.3	1.6	2.6	15	0.1	0.3	0.3	60	0.17	0.066
REP 1069351	QC	0.9	12.3	20.0	49	0.2	17.8	8.8	241	2.48	11.7	11.2	4.3	2.6	14	<0.1	0.3	0.3	57	0.15	0.066

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QUALITY CONTROL REPORT WHI11000469.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1068594	Soil	11	29	0.47	81	0.105	2	1.65	0.011	0.07	0.4	0.06	2.6	0.1	<0.05	4	<0.5	<0.2
REP 1068594	QC	10	29	0.47	81	0.105	2	1.64	0.010	0.07	0.4	0.05	2.6	0.1	<0.05	4	<0.5	<0.2
1069222	Soil	12	34	0.52	104	0.107	2	1.80	0.009	0.22	0.1	0.04	2.7	0.3	<0.05	6	<0.5	<0.2
REP 1069222	QC	13	34	0.52	107	0.109	2	1.81	0.010	0.21	0.1	0.04	2.7	0.3	<0.05	6	<0.5	<0.2
1068578	Soil	12	72	1.08	179	0.109	2	2.61	0.031	0.25	0.3	0.03	6.6	0.3	<0.05	7	<0.5	<0.2
REP 1068578	QC	13	79	1.10	183	0.120	1	2.70	0.032	0.27	0.3	0.03	7.1	0.3	<0.05	7	0.6	<0.2
1069230	Soil	3	7	0.08	50	0.025	1	0.31	0.014	0.03	<0.1	0.02	0.8	<0.1	0.06	2	0.7	<0.2
REP 1069230	QC	3	7	0.08	49	0.026	<1	0.31	0.012	0.03	<0.1	0.03	0.8	0.1	0.07	2	<0.5	<0.2
1067909	Soil	13	31	0.45	140	0.097	2	1.76	0.015	0.07	<0.1	0.04	4.3	<0.1	<0.05	5	<0.5	<0.2
REP 1067909	QC	13	32	0.45	143	0.093	1	1.75	0.014	0.07	0.1	0.04	4.1	<0.1	<0.05	5	0.5	<0.2
1032606	Soil	11	30	0.44	98	0.062	1	1.91	0.009	0.06	0.1	0.06	2.2	0.1	<0.05	6	0.8	<0.2
REP 1032606	QC	11	29	0.43	95	0.064	2	1.91	0.009	0.06	0.1	0.05	2.3	0.1	0.05	6	1.0	<0.2
1068551	Soil	19	33	0.68	213	0.106	2	1.84	0.010	0.29	0.3	0.02	3.5	0.3	<0.05	7	<0.5	<0.2
REP 1068551	QC	20	33	0.73	218	0.104	<1	1.91	0.011	0.28	0.3	0.02	3.6	0.3	<0.05	7	<0.5	<0.2
1068921	Soil	10	25	0.24	103	0.042	2	2.08	0.013	0.07	0.2	0.06	2.3	0.2	<0.05	6	<0.5	<0.2
REP 1068921	QC	10	24	0.23	102	0.041	1	1.96	0.014	0.07	0.2	0.08	2.2	0.1	<0.05	6	0.5	<0.2
1068905	Soil	12	19	0.10	60	0.101	<1	0.86	0.005	0.05	0.1	0.06	1.2	0.2	<0.05	8	<0.5	<0.2
REP 1068905	QC	11	19	0.10	58	0.098	<1	0.79	0.005	0.05	0.2	0.05	1.2	0.2	0.05	8	<0.5	<0.2
1068914	Soil	10	43	0.48	85	0.083	1	2.42	0.009	0.07	0.2	0.06	3.2	0.2	<0.05	6	<0.5	<0.2
REP 1068914	QC	10	44	0.49	87	0.086	2	2.45	0.010	0.07	0.2	0.07	3.2	0.2	<0.05	6	0.7	<0.2
1069297	Soil	8	80	0.82	96	0.056	1	1.10	0.014	0.06	<0.1	0.01	2.2	0.1	<0.05	3	<0.5	<0.2
REP 1069297	QC	9	83	0.82	99	0.060	<1	1.12	0.015	0.06	<0.1	0.02	2.4	0.1	<0.05	3	<0.5	<0.2
1067799	Soil	37	43	0.62	235	0.071	<1	2.27	0.022	0.31	0.6	0.03	6.8	0.6	0.08	7	0.5	<0.2
REP 1067799	QC	38	41	0.60	246	0.071	<1	2.21	0.023	0.32	0.6	0.03	6.9	0.6	0.05	7	<0.5	<0.2
1069370	Soil	11	27	0.49	134	0.088	1	1.72	0.015	0.22	0.1	0.06	2.8	0.2	0.09	6	0.7	<0.2
REP 1069370	QC	12	28	0.49	135	0.091	2	1.69	0.014	0.23	0.1	0.05	2.9	0.3	0.12	6	<0.5	<0.2
1069351	Soil	15	32	0.47	180	0.030	2	1.83	0.011	0.08	0.2	0.04	3.5	0.3	<0.05	7	<0.5	<0.2
REP 1069351	QC	14	32	0.46	170	0.028	1	1.74	0.010	0.08	0.2	0.05	3.4	0.2	<0.05	7	<0.5	<0.2

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

Project: ECH
Report Date: July 18, 2011

QUALITY CONTROL REPORT WHI11000469.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1067794	Soil	0.9	19.3	10.3	77	<0.1	22.8	12.3	628	3.38	5.5	8.7	2.2	3.9	15	0.2	0.3	0.9	95	0.26	0.093
REP 1067794	QC	0.9	19.3	10.4	76	<0.1	22.5	12.2	630	3.34	5.2	8.7	<0.5	4.0	15	0.2	0.3	1.0	95	0.27	0.095
1069361	Soil	0.7	11.2	6.6	32	<0.1	10.5	5.1	134	1.86	4.2	2.3	1.1	1.0	16	<0.1	0.2	0.2	43	0.17	0.050
REP 1069361	QC	0.6	10.4	6.3	30	<0.1	9.8	4.7	128	1.81	3.9	2.4	<0.5	1.1	15	<0.1	0.2	0.2	46	0.17	0.051
1069331	Soil	0.6	17.8	7.0	69	<0.1	22.2	9.6	506	2.51	5.3	1.4	5.1	5.3	15	0.2	0.3	0.1	58	0.25	0.082
REP 1069331	QC	0.6	17.9	7.5	69	<0.1	22.5	9.8	493	2.62	5.5	1.4	<0.5	5.3	15	0.2	0.3	0.1	57	0.26	0.083
Reference Materials																					
STD DS8	Standard	13.4	117.2	127.3	302	1.7	39.9	8.0	589	2.31	23.9	2.7	106.1	6.5	60	1.9	5.3	6.6	45	0.63	0.073
STD DS8	Standard	13.7	118.4	125.7	306	1.8	41.8	7.8	591	2.39	24.9	2.7	116.6	6.3	61	2.1	5.5	6.2	45	0.63	0.078
STD DS8	Standard	12.8	112.3	124.1	302	1.7	37.5	7.5	619	2.48	24.5	2.6	107.6	6.3	63	2.4	5.3	6.2	43	0.68	0.077
STD DS8	Standard	13.5	108.9	125.1	315	1.8	38.8	7.5	632	2.50	24.7	2.6	109.8	6.5	65	2.3	5.4	6.3	43	0.68	0.077
STD DS8	Standard	14.2	120.7	123.8	348	1.9	39.8	8.3	682	2.70	28.4	2.7	127.5	6.7	62	2.5	5.4	6.5	46	0.73	0.095
STD DS8	Standard	14.0	121.2	127.3	353	1.8	41.1	8.4	682	2.68	26.5	2.7	144.2	7.1	63	2.4	5.2	6.1	47	0.79	0.087
STD DS8	Standard	13.7	113.9	127.8	316	1.9	39.8	7.8	635	2.54	25.8	2.6	109.3	6.3	64	2.3	5.4	6.3	44	0.70	0.080
STD DS8	Standard	13.4	114.3	123.3	322	1.8	38.3	7.6	606	2.44	25.4	2.6	123.6	6.2	62	2.2	5.1	6.2	43	0.68	0.076
STD DS8	Standard	12.0	115.9	132.8	325	1.8	38.8	7.4	591	2.44	25.5	2.7	125.0	6.3	56	2.2	5.0	6.2	42	0.63	0.073
STD DS8	Standard	12.4	113.8	129.4	323	1.8	39.4	7.7	604	2.53	24.7	2.5	131.6	5.9	58	2.2	4.8	6.4	42	0.64	0.074
STD DS8	Standard	13.2	115.9	121.2	323	1.9	38.2	7.8	621	2.48	27.8	2.6	108.5	6.0	62	2.5	5.6	6.3	41	0.67	0.092
STD DS8	Standard	12.9	114.2	123.6	319	1.8	37.7	7.6	604	2.39	27.3	2.7	108.3	6.0	64	2.5	5.6	6.5	43	0.69	0.088
STD DS8	Standard	13.8	110.4	119.0	330	1.8	39.3	7.7	611	2.43	26.3	2.7	104.5	6.6	61	2.2	4.8	6.0	43	0.69	0.084
STD DS8	Standard	14.8	111.3	121.5	336	1.9	39.5	7.5	626	2.54	27.3	2.8	109.6	7.0	62	2.3	4.7	5.9	46	0.75	0.080
STD DS8	Standard	13.6	119.3	126.3	335	1.7	39.6	8.2	651	2.58	28.1	2.7	123.7	6.5	55	2.5	5.5	6.1	46	0.63	0.089
STD DS8	Standard	14.5	117.6	123.8	343	1.8	41.1	8.0	638	2.54	28.5	2.8	117.3	6.8	60	2.5	5.2	6.0	46	0.73	0.082
STD DS8	Standard	13.3	121.4	134.3	333	1.9	39.5	7.7	639	2.55	28.0	2.7	110.0	6.8	64	2.6	6.0	6.4	44	0.70	0.088
STD DS8	Standard	13.7	121.9	128.8	336	1.8	42.0	7.8	664	2.65	29.3	2.8	110.8	6.7	63	2.6	5.9	6.3	46	0.72	0.087
STD DS8	Standard	13.8	115.7	125.7	317	1.8	40.0	7.9	599	2.43	26.3	2.9	117.6	6.7	66	2.5	5.8	6.7	44	0.65	0.079
STD DS8	Standard	13.8	121.8	129.0	325	2.0	41.0	8.2	623	2.49	26.2	2.9	112.1	7.2	65	2.5	6.0	6.8	46	0.68	0.078
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Project: ECH
Report Date: July 18, 2011

QUALITY CONTROL REPORT WHI11000469.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1067794	Soil	23	48	0.97	229	0.116	<1	2.84	0.020	0.25	0.6	0.05	5.9	0.3	0.07	9	<0.5	<0.2
REP 1067794	QC	23	48	0.98	229	0.118	2	2.89	0.018	0.24	0.5	0.06	6.0	0.4	<0.05	8	<0.5	<0.2
1069361	Soil	11	16	0.21	140	0.046	<1	1.24	0.014	0.04	0.3	0.03	1.4	0.1	0.05	5	<0.5	<0.2
REP 1069361	QC	10	17	0.19	134	0.050	<1	1.17	0.014	0.04	0.3	0.04	1.4	<0.1	0.06	5	<0.5	<0.2
1069331	Soil	11	26	0.47	94	0.106	2	1.88	0.013	0.12	0.2	0.03	4.1	0.2	<0.05	5	<0.5	<0.2
REP 1069331	QC	12	25	0.48	96	0.107	3	1.94	0.013	0.12	0.2	0.03	4.4	0.2	<0.05	5	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	13	121	0.58	257	0.127	3	0.84	0.074	0.38	2.9	0.20	1.8	5.4	0.18	4	5.3	4.5
STD DS8	Standard	14	125	0.59	261	0.130	3	0.86	0.076	0.38	2.9	0.21	1.9	5.3	0.14	4	4.9	4.9
STD DS8	Standard	15	120	0.62	274	0.113	2	0.93	0.088	0.41	2.9	0.22	2.0	5.2	0.19	5	4.8	5.3
STD DS8	Standard	15	121	0.63	272	0.112	3	0.94	0.089	0.42	3.0	0.22	2.0	5.3	0.13	4	5.2	5.0
STD DS8	Standard	15	125	0.67	297	0.100	4	0.94	0.091	0.47	3.3	0.23	1.9	5.7	0.23	5	4.9	4.9
STD DS8	Standard	17	130	0.68	291	0.109	3	0.98	0.100	0.47	3.4	0.22	2.1	5.8	0.17	5	4.6	6.1
STD DS8	Standard	14	122	0.64	266	0.111	2	0.94	0.089	0.43	3.1	0.21	1.9	5.4	0.16	5	5.6	5.3
STD DS8	Standard	15	120	0.60	272	0.109	2	0.88	0.086	0.41	2.9	0.22	2.0	5.4	0.17	5	5.2	4.8
STD DS8	Standard	11	117	0.59	259	0.099	1	0.83	0.071	0.42	3.0	0.20	1.7	5.8	0.15	5	4.8	4.9
STD DS8	Standard	11	119	0.61	259	0.102	2	0.85	0.075	0.41	3.2	0.20	1.7	5.6	0.15	5	5.2	5.0
STD DS8	Standard	13	110	0.59	268	0.114	3	0.89	0.092	0.43	2.8	0.20	1.9	5.3	0.18	5	5.5	5.2
STD DS8	Standard	14	113	0.61	276	0.117	3	0.92	0.102	0.44	2.8	0.18	2.0	5.3	0.18	5	5.7	5.1
STD DS8	Standard	14	116	0.62	290	0.098	2	0.96	0.082	0.42	2.7	0.16	2.0	5.1	0.14	5	5.6	4.2
STD DS8	Standard	15	119	0.61	286	0.111	2	0.92	0.085	0.41	2.9	0.21	2.1	5.4	0.22	5	5.2	5.3
STD DS8	Standard	12	122	0.62	266	0.095	3	0.92	0.090	0.42	2.8	0.20	1.7	5.3	0.17	5	6.4	4.9
STD DS8	Standard	15	123	0.61	292	0.110	3	0.95	0.092	0.44	3.0	0.21	2.4	5.3	0.16	5	5.5	4.6
STD DS8	Standard	14	120	0.65	281	0.117	3	0.95	0.093	0.44	3.2	0.20	2.1	5.5	0.19	5	6.0	5.1
STD DS8	Standard	14	124	0.64	279	0.116	3	0.92	0.089	0.45	2.9	0.20	2.1	5.5	0.18	5	4.9	5.0
STD DS8	Standard	15	122	0.60	282	0.130	2	0.88	0.081	0.41	3.0	0.19	2.1	5.4	0.19	5	6.1	4.9
STD DS8	Standard	14	126	0.62	276	0.130	2	0.88	0.081	0.43	2.9	0.22	2.3	5.5	0.23	4	5.5	4.5
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Project: ECH
Report Date: July 18, 2011

QUALITY CONTROL REPORT WHI11000469.1

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

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

Project: ECH
Report Date: July 18, 2011

QUALITY CONTROL REPORT WHI11000469.1

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

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

Submitted By: Mike Skead
Receiving Lab: Canada-Whitehorse
Received: July 11, 2011
Report Date: July 19, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS WHI11000530.1

CLIENT JOB INFORMATION

Project: ECH
Shipment ID: ECH2011-05
P.O. Number
Number of Samples: 320

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

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

ADDITIONAL COMMENTS

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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

Project: ECH
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000530.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1067631	Soil	2.1	30.8	17.0	13	0.2	0.7	0.5	21	1.90	7.2	1.7	3.1	21.5	20	<0.1	<0.1	1.2	7	0.01	0.031
1067634	Soil	0.7	24.2	34.6	83	<0.1	4.7	10.0	544	3.08	1.5	1.7	1.2	17.9	21	<0.1	0.1	0.4	24	0.24	0.060
1067633	Soil	1.1	26.1	48.0	86	<0.1	5.8	10.3	538	3.08	2.0	1.9	2.2	18.7	20	<0.1	0.1	0.4	27	0.25	0.067
1067630	Soil	2.2	42.0	7.2	62	<0.1	14.1	10.4	524	4.45	6.2	1.1	6.2	3.9	25	<0.1	0.3	0.4	56	0.11	0.027
1067632	Soil	2.2	28.2	18.9	10	0.2	1.5	0.5	15	2.01	7.4	1.5	2.1	24.2	22	<0.1	<0.1	1.2	4	0.02	0.032
1067611	Soil	0.3	4.0	3.9	16	<0.1	2.5	1.5	64	1.00	2.8	0.4	1.4	<0.1	7	0.1	<0.1	0.2	24	0.04	0.068
1067604	Soil	1.1	15.3	13.2	58	<0.1	18.3	8.3	309	3.41	10.7	1.0	3.1	3.5	25	0.2	0.5	0.3	73	0.23	0.029
1067612	Soil	0.8	27.6	10.8	60	<0.1	23.5	11.3	347	3.20	8.7	2.6	5.1	6.1	29	<0.1	0.4	0.3	69	0.28	0.045
1067615	Soil	0.8	12.0	11.9	39	<0.1	10.1	5.2	291	2.23	5.2	1.5	1.1	9.5	12	<0.1	0.2	0.3	40	0.10	0.034
1067603	Soil	0.8	13.1	15.1	61	<0.1	12.7	5.6	218	2.46	7.3	2.2	1.3	7.1	17	0.2	0.4	0.4	46	0.13	0.031
1067610	Soil	0.6	28.8	10.1	64	<0.1	24.1	10.3	394	3.05	8.4	2.3	3.6	5.4	33	0.1	0.5	0.3	68	0.37	0.058
1067614	Soil	1.2	10.7	12.5	44	<0.1	10.6	5.4	249	3.08	11.0	1.2	2.5	4.5	12	0.2	0.6	0.4	66	0.09	0.033
1067602	Soil	0.8	17.5	14.5	88	<0.1	19.4	8.6	310	3.13	11.2	2.6	2.0	6.4	18	0.2	0.6	0.3	53	0.18	0.042
1067613	Soil	0.8	26.8	10.6	59	<0.1	24.0	10.7	361	3.08	9.0	1.9	3.4	5.5	32	<0.1	0.4	0.3	66	0.33	0.052
1067622	Soil	1.2	79.2	31.6	334	<0.1	92.2	24.8	387	5.42	4.5	1.5	<0.5	14.3	17	0.3	0.1	0.4	174	0.24	0.076
1067624	Soil	2.3	90.3	86.5	102	1.7	13.9	7.8	198	2.82	8.5	0.7	8.0	5.7	36	0.3	0.5	2.2	34	0.09	0.033
1067623	Soil	1.1	47.2	35.7	63	0.7	32.1	15.0	328	3.81	7.0	0.5	<0.5	3.6	24	0.2	0.3	2.4	88	0.16	0.023
1067377	Soil	1.2	19.7	11.4	61	<0.1	19.0	10.6	341	3.21	9.1	1.2	2.6	3.2	14	0.2	0.6	0.3	68	0.13	0.053
1067371	Soil	1.0	17.7	9.1	51	<0.1	20.7	9.6	331	3.15	7.9	0.9	2.8	3.6	16	0.1	0.5	0.2	72	0.18	0.051
1067376	Soil	1.3	18.4	11.5	53	<0.1	20.2	10.0	378	3.60	8.3	1.2	1.3	4.3	14	0.2	0.6	0.3	79	0.17	0.050
1067372	Soil	0.9	17.9	9.6	58	<0.1	21.9	9.2	337	3.08	7.0	1.2	3.0	2.5	15	0.1	0.6	0.2	68	0.18	0.051
1067375	Soil	0.9	22.7	11.9	56	<0.1	26.1	13.3	444	3.38	8.8	2.4	3.4	5.8	16	0.2	0.5	0.2	72	0.18	0.056
1067378	Soil	1.1	19.7	13.3	48	<0.1	21.4	10.4	285	3.56	9.1	1.6	2.2	4.2	12	0.2	0.5	0.3	77	0.11	0.047
1067380	Soil	1.2	23.9	15.0	63	0.1	21.9	10.7	596	3.07	7.5	17.7	0.9	2.1	29	0.2	0.6	0.4	58	0.29	0.079
1067374	Soil	0.8	18.6	8.8	50	<0.1	22.5	9.6	350	2.93	6.4	1.2	1.3	4.8	16	0.2	0.4	0.2	63	0.23	0.063
1067379	Soil	1.1	23.1	14.4	59	0.2	21.9	11.8	700	2.91	7.4	22.4	3.5	1.7	31	0.2	0.5	0.4	55	0.31	0.085
1067364	Soil	0.8	19.2	8.2	59	<0.1	22.1	11.1	500	3.14	5.8	4.6	6.6	7.9	17	0.1	0.4	0.5	63	0.30	0.092
1067363	Soil	0.7	18.7	8.2	63	<0.1	22.4	11.2	469	2.99	5.5	4.4	4.3	7.4	17	0.2	0.4	0.4	60	0.27	0.093
1067373	Soil	0.7	22.9	9.8	70	<0.1	26.1	12.1	489	2.92	5.8	3.1	0.8	4.6	19	0.4	0.5	0.2	60	0.29	0.086
1067365	Soil	0.9	13.5	13.8	50	<0.1	17.4	10.0	512	2.81	7.5	7.1	2.1	9.4	31	0.2	0.3	0.5	40	0.38	0.143

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

Project: ECH
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000530.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1067631	Soil		49	4	0.10	135	0.007	<1	0.38	0.007	0.12	<0.1	0.01	0.3	<0.1	0.25	1	<0.5	<0.2
1067634	Soil		46	6	2.25	164	0.103	<1	2.30	0.006	0.71	<0.1	0.01	2.9	0.6	<0.05	6	<0.5	<0.2
1067633	Soil		46	7	2.14	168	0.104	1	2.29	0.008	0.69	<0.1	0.02	2.7	0.6	<0.05	6	<0.5	<0.2
1067630	Soil		11	22	1.71	270	0.049	1	2.91	0.011	0.10	<0.1	0.03	4.8	<0.1	0.11	7	<0.5	0.4
1067632	Soil		51	3	0.07	136	0.006	<1	0.37	0.008	0.12	<0.1	0.02	0.3	<0.1	0.18	1	<0.5	<0.2
1067611	Soil		3	6	0.06	32	0.016	<1	0.41	0.012	0.03	<0.1	0.03	0.2	<0.1	0.05	3	<0.5	<0.2
1067604	Soil		11	30	0.47	179	0.047	<1	2.17	0.010	0.07	0.1	0.02	2.4	0.2	<0.05	7	<0.5	<0.2
1067612	Soil		16	37	0.58	190	0.087	<1	2.23	0.013	0.08	0.1	0.03	4.6	0.2	<0.05	7	<0.5	<0.2
1067615	Soil		22	16	0.18	99	0.031	<1	1.49	0.008	0.10	0.1	0.01	1.7	0.3	<0.05	6	<0.5	<0.2
1067603	Soil		17	20	0.27	120	0.034	<1	1.38	0.009	0.07	<0.1	0.02	1.8	0.4	<0.05	5	<0.5	<0.2
1067610	Soil		17	38	0.61	222	0.088	<1	1.89	0.016	0.07	0.1	0.03	4.8	0.1	<0.05	6	<0.5	<0.2
1067614	Soil		14	21	0.24	83	0.046	<1	1.45	0.007	0.07	0.1	0.04	1.5	0.3	<0.05	7	<0.5	<0.2
1067602	Soil		15	26	0.43	131	0.037	1	1.64	0.010	0.08	0.1	0.03	2.7	0.3	<0.05	5	<0.5	<0.2
1067613	Soil		17	34	0.55	230	0.082	1	2.22	0.015	0.08	0.2	0.04	4.5	0.2	<0.05	7	<0.5	<0.2
1067622	Soil		45	110	1.97	282	0.089	<1	3.89	0.006	0.45	<0.1	0.01	8.2	0.5	<0.05	15	0.5	<0.2
1067624	Soil		17	17	0.45	129	0.030	<1	1.60	0.009	0.08	0.1	0.06	1.8	0.1	<0.05	4	1.0	0.3
1067623	Soil		10	50	0.88	232	0.044	<1	2.99	0.011	0.06	0.1	0.03	4.6	<0.1	<0.05	9	<0.5	<0.2
1067377	Soil		8	30	0.39	105	0.100	1	2.51	0.010	0.05	0.2	0.07	2.8	0.1	<0.05	8	0.8	<0.2
1067371	Soil		11	28	0.50	113	0.117	1	2.08	0.012	0.10	0.6	0.06	2.7	0.2	<0.05	7	<0.5	<0.2
1067376	Soil		11	31	0.45	105	0.111	2	2.21	0.011	0.07	0.1	0.05	2.8	0.1	<0.05	9	<0.5	<0.2
1067372	Soil		11	30	0.49	111	0.088	2	2.13	0.011	0.08	0.2	0.06	2.7	0.1	0.05	7	0.6	<0.2
1067375	Soil		16	37	0.62	147	0.117	2	2.53	0.013	0.08	0.3	0.05	5.1	0.2	<0.05	7	<0.5	<0.2
1067378	Soil		10	32	0.44	115	0.083	<1	2.83	0.008	0.06	0.2	0.07	3.4	0.1	<0.05	9	<0.5	<0.2
1067380	Soil		16	29	0.50	299	0.057	<1	2.32	0.017	0.09	0.2	0.06	3.8	0.2	0.07	7	0.7	<0.2
1067374	Soil		12	28	0.53	112	0.108	2	1.89	0.012	0.10	0.2	0.03	2.7	0.2	<0.05	6	<0.5	<0.2
1067379	Soil		18	27	0.49	324	0.053	1	2.34	0.016	0.09	0.3	0.07	3.9	0.2	0.06	7	<0.5	<0.2
1067364	Soil		17	29	0.52	205	0.111	<1	1.75	0.015	0.16	0.5	0.04	4.1	0.2	<0.05	6	<0.5	<0.2
1067363	Soil		16	28	0.52	195	0.103	<1	1.72	0.013	0.15	0.5	0.02	3.9	0.2	<0.05	6	<0.5	<0.2
1067373	Soil		13	30	0.57	160	0.102	<1	1.85	0.015	0.12	0.3	0.03	3.7	0.2	<0.05	6	<0.5	<0.2
1067365	Soil		21	17	0.28	165	0.023	2	0.98	0.009	0.12	0.2	0.02	4.5	0.1	<0.05	3	<0.5	<0.2

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

Project: ECH
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000530.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1067362	Soil		0.9	18.9	9.6	60	<0.1	22.8	11.3	467	3.12	6.0	3.6	3.8	9.3	19	0.2	0.4	0.5	63	0.31	0.093
1067366	Soil		1.1	16.2	11.4	56	<0.1	21.0	10.1	405	2.96	5.7	3.4	3.6	5.8	17	0.2	0.4	0.8	55	0.25	0.074
1067369	Soil		0.6	19.7	6.8	60	<0.1	23.6	10.0	451	2.74	5.7	1.6	0.8	4.8	22	0.3	0.4	0.1	61	0.37	0.102
1067367	Soil		0.8	18.4	7.0	53	<0.1	20.9	9.2	344	2.71	5.3	2.4	2.7	5.5	21	0.2	0.4	0.2	56	0.29	0.081
1067368	Soil		0.7	22.5	9.1	56	<0.1	27.5	12.8	380	3.10	8.5	1.4	5.3	5.4	16	0.2	0.6	0.2	65	0.19	0.035
1067356	Soil		0.9	13.4	13.8	57	<0.1	17.8	7.1	323	2.18	4.0	4.4	1.8	4.0	13	0.2	0.3	0.7	51	0.22	0.070
1067361	Soil		0.8	21.6	9.6	54	<0.1	26.5	10.4	358	2.74	7.8	1.7	4.9	4.7	15	0.1	0.5	0.2	69	0.19	0.034
1067370	Soil		1.0	19.9	14.0	65	<0.1	23.4	12.7	494	3.44	5.6	3.4	2.2	6.3	19	0.2	0.4	0.2	67	0.27	0.091
1067353	Soil		1.0	36.1	7.2	120	<0.1	33.2	26.9	946	5.61	5.0	8.5	0.5	6.6	28	0.2	0.4	0.3	121	0.58	0.144
1067359	Soil		1.0	16.4	15.4	48	<0.1	18.7	9.9	384	2.78	3.8	3.8	1.7	10.2	28	0.2	0.5	0.4	47	0.18	0.059
1067352	Soil		0.7	23.3	7.4	62	<0.1	24.9	11.4	426	2.54	6.3	2.0	2.5	4.0	19	0.2	0.4	0.3	60	0.28	0.077
1067358	Soil		1.0	21.8	10.1	63	<0.1	23.1	9.3	435	2.64	6.7	3.2	6.0	4.5	17	0.3	0.5	0.3	65	0.25	0.071
1067354	Soil		0.7	28.2	7.5	67	<0.1	26.8	11.3	385	2.42	5.5	4.4	1.9	5.0	17	0.3	0.4	0.5	61	0.28	0.072
1067357	Soil		1.1	15.5	12.1	60	<0.1	17.4	7.4	337	2.26	5.8	4.9	5.2	2.6	16	0.2	0.4	0.4	56	0.20	0.062
1067360	Soil		1.4	18.7	11.1	59	<0.1	18.4	7.8	371	3.16	6.2	2.2	7.8	3.0	14	0.2	0.5	0.9	74	0.15	0.052
1067351	Soil		0.8	19.9	7.6	55	<0.1	20.6	8.7	319	2.50	6.0	2.7	2.2	4.0	17	0.1	0.4	0.2	57	0.22	0.072
1067355	Soil		1.0	19.3	12.8	59	<0.1	22.0	9.4	267	2.74	7.6	1.6	0.9	2.2	13	0.2	0.5	0.3	72	0.17	0.045
1069252	Soil		1.1	17.9	11.4	59	<0.1	18.6	9.5	408	2.98	7.7	3.4	1.9	8.9	18	<0.1	0.4	0.4	60	0.20	0.046
1069254	Soil		1.3	22.5	12.9	61	0.1	22.4	9.7	338	3.43	10.0	4.3	4.6	5.7	20	<0.1	0.4	0.3	76	0.22	0.048
1069255	Soil		1.4	19.0	11.4	62	0.1	22.2	9.8	344	3.28	9.6	2.8	1.7	5.7	21	0.2	0.4	0.3	71	0.23	0.057
1069258	Soil		0.9	16.5	9.7	57	<0.1	18.2	8.4	310	2.82	6.1	2.1	4.9	7.9	17	0.2	0.3	0.2	60	0.21	0.048
1069253	Soil		0.9	13.2	8.0	41	0.1	11.8	5.5	205	2.13	5.1	2.6	1.1	3.7	15	<0.1	0.2	0.3	49	0.15	0.030
1069256	Soil		0.2	1.9	1.5	9	<0.1	0.6	1.0	36	0.46	<0.5	0.2	<0.5	0.8	6	<0.1	<0.1	<0.1	15	0.04	0.013
1069260	Soil		1.2	19.7	12.6	65	<0.1	22.1	10.2	406	3.43	8.4	2.8	2.9	8.4	22	<0.1	0.4	0.4	68	0.24	0.039
1069261	Soil		1.1	18.5	11.8	62	<0.1	20.3	9.5	386	3.32	8.2	2.5	2.0	8.0	21	<0.1	0.4	0.4	70	0.23	0.039
1069257	Soil		0.9	18.3	9.8	44	0.1	13.4	7.1	284	2.16	4.8	3.2	1.2	2.9	18	0.2	0.3	0.3	47	0.18	0.058
1069259	Soil		1.1	21.1	11.0	66	<0.1	21.8	9.8	428	3.12	8.1	4.5	2.7	7.2	22	<0.1	0.3	0.3	64	0.26	0.046
1069267	Soil		0.9	19.8	11.1	70	<0.1	20.2	9.9	409	3.17	7.1	4.2	1.9	6.9	20	<0.1	0.3	0.4	65	0.24	0.062
1069265	Soil		0.8	14.9	8.9	67	<0.1	17.1	9.9	415	2.86	5.7	2.1	2.2	7.4	20	0.1	0.2	0.3	57	0.27	0.064
1069268	Soil		0.8	21.7	10.9	66	0.1	21.1	9.3	293	3.31	5.7	6.5	2.6	5.8	19	<0.1	0.3	0.4	63	0.22	0.057

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

Project: ECH
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000530.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1067362	Soil	16	28	0.51	208	0.111	<1	1.71	0.016	0.15	0.6	0.03	4.0	0.2	<0.05	6	<0.5	<0.2
1067366	Soil	15	26	0.42	141	0.066	1	1.47	0.011	0.12	0.6	0.05	3.5	0.2	<0.05	5	<0.5	<0.2
1067369	Soil	13	27	0.60	135	0.116	2	1.63	0.018	0.15	0.3	0.03	3.2	0.2	<0.05	5	0.7	<0.2
1067367	Soil	14	27	0.47	147	0.098	1	1.51	0.014	0.11	0.6	0.03	3.4	0.1	<0.05	5	<0.5	<0.2
1067368	Soil	12	32	0.60	114	0.112	2	2.34	0.015	0.09	0.2	0.05	3.2	0.1	<0.05	6	<0.5	<0.2
1067356	Soil	12	28	0.35	75	0.083	<1	1.34	0.013	0.07	0.6	0.03	2.3	0.1	0.05	5	<0.5	<0.2
1067361	Soil	10	34	0.48	88	0.105	3	1.92	0.013	0.05	0.2	0.02	3.2	<0.1	<0.05	5	<0.5	<0.2
1067370	Soil	18	31	0.65	227	0.139	<1	2.16	0.014	0.26	0.2	0.03	5.0	0.3	<0.05	7	<0.5	<0.2
1067353	Soil	21	42	1.90	477	0.297	<1	2.93	0.029	1.20	0.5	0.03	8.9	1.0	<0.05	11	<0.5	<0.2
1067359	Soil	18	26	0.34	88	0.031	<1	1.48	0.009	0.07	0.4	0.04	3.8	0.2	<0.05	4	<0.5	<0.2
1067352	Soil	14	30	0.51	102	0.112	1	1.97	0.017	0.10	0.3	0.04	3.2	0.1	<0.05	5	<0.5	<0.2
1067358	Soil	12	29	0.42	85	0.102	<1	1.44	0.014	0.06	0.3	0.05	2.9	<0.1	<0.05	5	<0.5	<0.2
1067354	Soil	13	32	0.52	109	0.120	<1	1.81	0.019	0.09	0.8	0.05	3.1	0.2	<0.05	5	<0.5	<0.2
1067357	Soil	10	24	0.34	90	0.080	<1	1.20	0.013	0.07	0.5	0.05	2.1	<0.1	<0.05	5	<0.5	<0.2
1067360	Soil	12	31	0.36	79	0.103	1	1.43	0.009	0.08	1.3	0.05	2.4	0.1	<0.05	7	<0.5	<0.2
1067351	Soil	12	29	0.51	96	0.106	<1	2.01	0.015	0.09	0.2	0.03	3.2	0.1	<0.05	5	<0.5	<0.2
1067355	Soil	10	33	0.41	75	0.099	2	1.94	0.013	0.05	1.4	0.05	2.6	<0.1	<0.05	6	<0.5	<0.2
1069252	Soil	22	27	0.45	126	0.098	<1	1.89	0.009	0.16	0.2	0.02	3.3	0.3	<0.05	6	<0.5	<0.2
1069254	Soil	19	36	0.51	157	0.097	2	2.40	0.012	0.13	0.1	0.05	4.5	0.2	<0.05	8	<0.5	<0.2
1069255	Soil	17	33	0.54	130	0.100	2	2.17	0.011	0.13	0.1	0.05	3.7	0.2	<0.05	7	<0.5	<0.2
1069258	Soil	20	32	0.44	132	0.108	1	1.75	0.012	0.15	0.2	0.02	3.3	0.2	<0.05	6	<0.5	<0.2
1069253	Soil	14	19	0.30	97	0.080	<1	1.28	0.018	0.10	0.1	0.03	2.2	0.2	<0.05	6	<0.5	<0.2
1069256	Soil	4	3	0.03	20	0.038	<1	0.18	0.019	0.04	<0.1	0.02	0.4	<0.1	<0.05	2	<0.5	<0.2
1069260	Soil	20	36	0.57	145	0.109	<1	2.24	0.012	0.17	0.1	0.02	4.1	0.3	<0.05	7	<0.5	<0.2
1069261	Soil	20	34	0.55	142	0.109	<1	2.13	0.011	0.17	0.1	0.02	3.9	0.3	<0.05	7	<0.5	<0.2
1069257	Soil	19	21	0.31	114	0.078	<1	1.44	0.018	0.11	<0.1	0.03	2.6	0.2	<0.05	6	<0.5	<0.2
1069259	Soil	25	38	0.54	156	0.108	<1	2.11	0.013	0.18	0.1	0.03	4.7	0.3	<0.05	7	<0.5	<0.2
1069267	Soil	23	36	0.55	168	0.120	<1	2.21	0.011	0.22	0.1	0.04	4.5	0.3	<0.05	7	<0.5	<0.2
1069265	Soil	20	29	0.52	133	0.137	<1	1.71	0.011	0.23	0.2	0.02	3.5	0.3	<0.05	6	<0.5	<0.2
1069268	Soil	26	38	0.58	170	0.121	<1	2.46	0.012	0.23	0.1	0.05	5.2	0.3	<0.05	8	<0.5	<0.2

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

Project: ECH
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000530.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1069262	Soil		1.4	25.6	13.2	78	0.1	26.2	12.7	584	3.74	10.2	5.6	2.8	8.6	26	0.1	0.4	0.4	82	0.27	0.056
1069264	Soil		0.9	20.9	10.4	67	<0.1	20.7	9.9	356	3.11	6.4	3.8	3.8	8.4	20	<0.1	0.3	0.4	60	0.25	0.060
1069266	Soil		1.0	17.7	11.4	72	<0.1	19.5	9.1	342	3.21	6.9	3.0	1.3	6.9	21	0.1	0.3	0.3	65	0.23	0.060
1069263	Soil		1.1	20.1	11.1	63	<0.1	20.0	9.5	366	3.12	6.9	3.7	4.4	7.1	23	<0.1	0.3	0.3	65	0.25	0.055
1069248	Soil		0.9	26.0	10.9	66	0.2	22.3	9.2	264	2.83	7.1	3.2	3.6	2.7	19	0.1	0.3	0.5	59	0.21	0.060
1069250	Soil		0.9	25.9	11.7	52	0.2	17.5	8.8	388	2.66	6.9	6.9	3.8	1.3	21	0.2	0.3	0.4	54	0.20	0.055
1069245	Soil		0.8	23.7	11.1	63	0.1	22.5	13.3	438	2.69	4.5	3.2	1.1	3.1	23	<0.1	0.3	0.4	56	0.26	0.055
1069243	Soil		1.1	16.8	11.1	67	<0.1	20.9	10.3	547	3.14	9.5	2.5	2.1	4.4	19	0.2	0.4	0.4	69	0.23	0.053
1069241	Soil		0.6	16.9	9.2	56	<0.1	17.9	10.8	451	2.66	6.0	4.0	1.3	4.5	20	0.1	0.3	0.3	60	0.26	0.062
1069242	Soil		0.7	13.5	9.9	51	<0.1	16.3	7.2	203	2.08	4.3	3.8	3.8	2.2	20	<0.1	0.3	0.3	54	0.21	0.052
1069246	Soil		0.7	20.2	10.1	47	0.2	17.6	6.1	179	1.91	2.8	5.2	3.6	1.2	25	0.1	0.3	0.4	43	0.24	0.071
1069249	Soil		1.0	20.3	10.5	70	0.1	19.3	10.4	406	2.82	5.3	3.9	1.8	3.7	21	0.2	0.4	0.5	49	0.22	0.057
1069239	Soil		0.7	13.6	10.6	58	<0.1	15.1	8.2	486	2.56	5.8	3.0	1.9	1.9	16	<0.1	0.3	0.3	61	0.18	0.058
1069251	Soil		0.6	9.5	7.2	26	<0.1	7.4	3.1	99	1.21	2.2	1.7	1.2	1.8	12	0.1	0.2	0.3	31	0.11	0.019
1069244	Soil		0.4	18.3	4.7	20	0.3	8.5	2.4	132	1.00	0.9	5.8	0.8	0.3	18	0.1	0.2	0.2	18	0.17	0.088
1069238	Soil		0.4	17.3	11.5	52	<0.1	20.2	8.3	165	1.83	3.1	1.6	2.3	4.8	19	0.3	0.4	0.2	53	0.30	0.070
1069247	Soil		0.8	18.7	9.0	64	0.1	20.3	8.6	326	2.22	2.8	2.5	1.3	3.1	21	0.1	0.2	0.4	49	0.25	0.054
1069236	Soil		1.2	16.9	8.9	44	<0.1	14.1	5.9	236	2.59	6.7	2.4	4.3	1.8	13	0.3	0.4	0.3	65	0.15	0.048
1069240	Soil		0.8	12.8	9.9	53	<0.1	14.1	11.4	702	2.40	4.7	2.9	1.3	2.3	20	0.1	0.3	0.3	58	0.23	0.067
1069237	Soil		1.3	14.6	10.0	48	0.2	13.3	13.2	1586	2.59	6.0	3.8	2.5	0.6	15	<0.1	0.4	0.3	55	0.15	0.076
1067478	Soil		1.7	14.9	13.3	59	<0.1	14.3	7.8	321	3.43	5.6	3.5	<0.5	15.8	11	<0.1	0.3	0.2	53	0.11	0.033
1067477	Soil		1.5	20.2	12.4	63	<0.1	24.1	11.0	324	3.80	8.3	2.3	1.3	15.1	14	0.2	0.5	0.2	68	0.14	0.037
1067480	Soil		2.1	18.3	16.4	64	<0.1	22.4	11.1	327	3.60	7.4	4.3	<0.5	25.0	10	0.1	0.4	0.2	46	0.11	0.039
1067486	Soil		1.0	24.3	10.7	85	<0.1	36.9	15.2	369	4.31	15.9	2.9	<0.5	10.8	14	<0.1	0.8	0.4	48	0.12	0.033
1067475	Soil		1.2	29.3	12.5	62	<0.1	34.1	13.9	330	3.28	11.1	1.4	1.9	11.9	18	0.2	0.5	0.2	70	0.19	0.037
1067479	Soil		1.4	18.3	14.7	67	<0.1	18.2	9.3	312	3.59	6.2	4.6	0.7	29.4	11	0.1	0.3	0.3	48	0.10	0.021
1067482	Soil		1.0	27.1	14.1	69	<0.1	25.7	11.7	375	3.53	10.2	2.1	15.5	22.4	23	0.2	0.5	0.2	71	0.20	0.026
1067473	Soil		1.0	28.0	11.6	65	<0.1	28.9	11.6	387	3.17	9.2	2.3	2.2	17.5	16	0.1	0.4	0.3	59	0.16	0.030
1067471	Soil		1.0	26.1	12.2	52	<0.1	25.0	9.2	277	2.86	8.0	2.0	2.8	5.8	19	0.1	0.4	0.3	61	0.22	0.042
1067472	Soil		1.0	16.4	10.5	61	<0.1	19.7	8.8	362	2.94	6.6	2.5	2.1	12.5	14	0.1	0.4	0.5	51	0.17	0.032

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1069262	Soil	28	43	0.63	199	0.120	2	2.73	0.014	0.18	0.1	0.03	5.5	0.3	<0.05	9	<0.5	<0.2
1069264	Soil	25	36	0.57	143	0.126	<1	2.13	0.011	0.21	0.2	0.03	4.7	0.3	<0.05	7	<0.5	<0.2
1069266	Soil	22	34	0.55	167	0.118	<1	2.26	0.012	0.20	0.1	0.03	4.1	0.3	<0.05	8	<0.5	<0.2
1069263	Soil	25	35	0.55	155	0.111	1	2.23	0.012	0.18	0.1	0.03	4.5	0.2	<0.05	7	<0.5	<0.2
1069248	Soil	14	36	0.60	130	0.149	<1	1.90	0.015	0.34	0.2	0.04	3.6	0.3	<0.05	7	<0.5	<0.2
1069250	Soil	20	29	0.38	141	0.071	<1	1.76	0.016	0.14	0.1	0.05	2.7	0.2	<0.05	6	<0.5	<0.2
1069245	Soil	15	35	0.57	156	0.137	<1	1.80	0.014	0.21	0.1	0.04	4.1	0.2	<0.05	6	<0.5	<0.2
1069243	Soil	16	35	0.53	151	0.133	2	1.81	0.012	0.19	0.2	0.02	4.4	0.2	<0.05	7	<0.5	<0.2
1069241	Soil	16	29	0.48	142	0.109	<1	1.74	0.015	0.12	0.1	0.03	4.5	0.2	<0.05	6	<0.5	<0.2
1069242	Soil	18	28	0.48	153	0.087	<1	1.84	0.011	0.09	0.1	0.04	3.3	0.2	<0.05	7	<0.5	<0.2
1069246	Soil	14	27	0.41	160	0.061	2	1.52	0.013	0.09	0.1	0.07	3.0	0.2	0.14	6	<0.5	<0.2
1069249	Soil	17	31	0.51	159	0.096	1	1.71	0.012	0.20	0.2	0.04	3.7	0.3	0.12	6	<0.5	<0.2
1069239	Soil	9	28	0.47	125	0.080	2	1.67	0.010	0.09	0.1	0.02	3.1	0.2	0.10	7	<0.5	<0.2
1069251	Soil	12	12	0.21	68	0.054	1	0.84	0.016	0.06	<0.1	0.02	1.2	0.1	0.06	4	<0.5	<0.2
1069244	Soil	11	17	0.14	106	0.020	2	0.66	0.017	0.05	<0.1	0.12	1.1	<0.1	0.15	2	<0.5	<0.2
1069238	Soil	12	30	0.50	140	0.105	1	1.96	0.011	0.09	0.2	0.01	3.0	0.1	<0.05	5	<0.5	<0.2
1069247	Soil	12	32	0.63	134	0.137	2	1.77	0.017	0.30	0.2	0.04	3.6	0.3	0.08	6	<0.5	<0.2
1069236	Soil	10	26	0.31	65	0.072	1	1.54	0.007	0.05	0.2	0.03	1.9	<0.1	0.10	7	<0.5	<0.2
1069240	Soil	12	27	0.44	127	0.087	1	1.60	0.011	0.10	0.1	0.04	3.5	0.2	0.07	6	<0.5	<0.2
1069237	Soil	8	26	0.37	132	0.044	2	1.55	0.016	0.05	0.1	0.04	1.7	0.1	0.09	6	<0.5	<0.2
1067478	Soil	19	21	0.25	102	0.026	<1	1.52	0.009	0.06	0.1	0.01	3.0	0.2	<0.05	6	<0.5	<0.2
1067477	Soil	14	35	0.41	117	0.050	3	2.25	0.011	0.09	0.1	0.03	4.6	0.2	<0.05	6	<0.5	<0.2
1067480	Soil	26	32	0.32	109	0.019	1	2.13	0.008	0.10	<0.1	0.02	4.1	0.2	<0.05	5	<0.5	<0.2
1067486	Soil	25	35	0.37	149	0.047	3	1.78	0.008	0.29	<0.1	<0.01	4.4	0.5	<0.05	6	<0.5	<0.2
1067475	Soil	12	44	0.58	153	0.094	2	3.33	0.013	0.08	<0.1	0.04	4.6	0.1	<0.05	6	<0.5	<0.2
1067479	Soil	27	25	0.34	106	0.025	1	1.77	0.008	0.08	0.1	<0.01	3.8	0.3	<0.05	5	<0.5	<0.2
1067482	Soil	32	40	0.56	215	0.068	2	2.44	0.012	0.09	<0.1	0.04	5.1	0.2	<0.05	6	<0.5	<0.2
1067473	Soil	24	37	0.54	170	0.075	2	2.33	0.012	0.10	0.1	0.02	5.1	0.2	<0.05	6	<0.5	<0.2
1067471	Soil	24	34	0.50	170	0.086	1	2.01	0.011	0.10	0.1	0.04	3.8	0.2	<0.05	6	<0.5	<0.2
1067472	Soil	21	26	0.38	95	0.082	1	1.52	0.011	0.11	0.1	0.02	3.2	0.2	<0.05	5	<0.5	<0.2

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600 - 666 Burrard St.
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Project: ECH
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000530.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1067481	Soil	1.4	23.8	11.5	63	<0.1	33.9	14.3	297	3.83	10.4	1.0	2.1	9.6	17	0.3	0.5	0.2	78	0.17	0.031
1068634	Soil	0.9	36.2	8.6	91	<0.1	37.3	17.8	458	4.67	3.7	1.4	<0.5	9.6	23	<0.1	0.1	0.3	77	0.31	0.069
1067476	Soil	1.5	20.0	13.3	69	<0.1	14.6	9.0	383	3.66	5.0	4.9	<0.5	29.0	14	<0.1	0.3	0.5	41	0.13	0.034
1067496	Soil	1.3	10.7	25.5	48	<0.1	6.4	4.8	373	2.49	5.0	3.2	<0.5	28.8	73	<0.1	4.3	0.2	11	0.23	0.069
1067494	Soil	1.2	13.4	22.6	52	<0.1	13.4	6.1	531	2.27	5.8	2.1	1.7	27.2	68	<0.1	0.5	0.2	22	0.33	0.075
1069587	Soil	1.4	30.3	15.9	67	<0.1	16.0	8.8	608	4.02	6.8	1.0	<0.5	7.6	18	<0.1	0.2	0.4	57	0.05	0.051
1067616	Soil	0.8	23.1	13.8	58	<0.1	21.9	8.8	306	2.81	6.5	1.9	4.2	7.9	23	<0.1	0.3	0.9	50	0.23	0.037
1067617	Soil	0.7	68.0	15.0	115	<0.1	62.5	24.7	472	5.15	1.0	2.9	1.1	16.6	10	<0.1	0.1	0.3	18	0.08	0.032
1067619	Soil	1.2	28.4	13.8	78	<0.1	32.8	13.7	421	4.02	8.7	1.5	1.0	12.2	26	<0.1	0.4	0.4	77	0.20	0.017
1067606	Soil	1.7	22.9	11.7	67	<0.1	23.3	11.1	315	3.29	9.8	0.9	0.6	4.1	14	0.2	0.6	0.4	82	0.13	0.050
1067621	Soil	1.2	37.9	9.8	42	<0.1	51.0	14.2	215	3.27	9.2	0.4	0.8	3.5	20	0.1	0.4	0.2	83	0.18	0.024
1067605	Soil	0.8	8.6	10.2	57	<0.1	6.5	3.7	110	1.79	5.6	1.0	1.0	4.3	9	0.2	0.3	0.2	40	0.05	0.020
1067608	Soil	1.1	16.6	11.0	47	<0.1	16.4	7.0	305	2.62	6.9	0.8	<0.5	4.1	15	0.1	0.4	0.5	66	0.13	0.039
1067620	Soil	1.3	26.1	16.9	81	<0.1	23.4	13.1	310	3.98	7.7	1.9	1.3	16.1	14	<0.1	0.4	0.4	61	0.10	0.042
1067607	Soil	1.7	21.5	13.3	59	<0.1	24.6	12.2	405	3.94	11.7	0.9	1.3	4.1	12	0.2	0.6	0.4	89	0.12	0.099
1067618	Soil	1.0	44.4	13.6	92	<0.1	35.7	16.3	341	4.72	3.9	1.6	2.4	7.0	31	<0.1	0.2	0.3	60	0.15	0.042
1067601	Soil	1.4	11.4	11.1	78	<0.1	9.7	4.8	201	2.33	7.7	2.3	2.0	7.1	9	0.3	0.4	0.4	51	0.09	0.041
1067629	Soil	0.7	25.8	19.9	53	<0.1	11.7	12.3	244	2.68	1.6	0.9	<0.5	18.1	6	<0.1	0.1	0.2	27	0.04	0.012
1067609	Soil	1.0	26.3	12.9	64	<0.1	29.7	11.5	249	3.20	11.9	1.4	1.4	6.3	13	<0.1	0.5	0.4	64	0.13	0.040
1067626	Soil	1.1	17.0	18.6	75	<0.1	27.2	13.9	431	3.79	6.4	0.7	0.6	5.6	16	0.2	0.3	0.3	83	0.14	0.037
1067625	Soil	0.5	35.2	7.8	77	<0.1	69.8	30.1	731	6.13	2.1	0.5	<0.5	2.7	19	<0.1	0.2	0.4	138	0.20	0.015
1067627	Soil	0.7	69.8	8.1	54	<0.1	29.3	30.8	1149	4.17	4.9	0.4	<0.5	3.1	16	<0.1	0.3	0.1	83	0.19	0.014
1067492	Soil	1.7	17.1	14.3	84	<0.1	32.6	16.1	635	4.20	32.3	3.6	0.8	12.1	13	0.1	0.9	0.8	59	0.13	0.095
1067497	Soil	1.1	14.3	10.3	70	<0.1	15.4	6.5	262	2.17	13.9	2.4	<0.5	19.1	18	0.1	0.4	0.6	30	0.25	0.062
1069586	Soil	0.7	37.5	8.1	75	<0.1	57.7	27.9	533	6.99	45.7	1.5	<0.5	11.1	49	<0.1	0.2	0.4	160	0.26	0.056
1067491	Soil	1.7	23.1	12.8	58	<0.1	26.4	10.0	363	3.96	12.5	1.1	3.3	10.2	15	0.2	0.7	0.3	81	0.17	0.043
1067489	Soil	1.8	16.7	26.5	89	<0.1	18.6	11.2	512	4.70	9.5	4.2	<0.5	26.5	17	<0.1	0.8	0.4	44	0.10	0.046
1067500	Soil	0.5	25.6	7.2	75	<0.1	38.4	30.9	661	6.11	6.2	1.0	1.0	9.4	23	<0.1	<0.1	1.0	159	0.29	0.046
1067498	Soil	1.7	25.4	18.2	80	<0.1	36.1	15.8	867	4.62	22.3	1.1	<0.5	7.0	11	0.1	0.3	0.3	70	0.09	0.046
1067495	Soil	1.0	18.1	19.1	54	<0.1	16.9	7.4	447	2.43	7.1	1.8	<0.5	18.6	52	<0.1	0.5	0.2	35	0.36	0.072

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Project: ECH
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000530.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1067481	Soil	12	41	0.59	178	0.109	2	2.69	0.013	0.11	0.2	0.02	4.0	0.2	<0.05	8	<0.5	<0.2
1068634	Soil	28	53	1.06	224	0.180	<1	2.39	0.016	0.69	<0.1	<0.01	7.2	0.5	<0.05	9	<0.5	<0.2
1067476	Soil	39	20	0.26	117	0.022	<1	1.45	0.006	0.11	0.1	0.02	4.5	0.3	<0.05	4	<0.5	<0.2
1067496	Soil	39	6	0.06	124	<0.001	1	0.51	0.003	0.10	<0.1	<0.01	3.9	0.2	<0.05	2	<0.5	<0.2
1067494	Soil	37	14	0.18	135	0.004	1	0.72	0.006	0.10	<0.1	0.02	4.9	0.2	<0.05	2	<0.5	<0.2
1069587	Soil	14	47	0.80	160	0.186	<1	1.77	0.016	0.79	<0.1	<0.01	2.4	0.5	0.30	8	<0.5	<0.2
1067616	Soil	27	28	0.31	150	0.028	<1	1.37	0.009	0.06	<0.1	0.03	4.5	0.2	<0.05	4	<0.5	<0.2
1067617	Soil	41	20	0.14	92	0.004	1	0.68	0.004	0.10	<0.1	0.01	2.9	0.3	<0.05	2	1.9	<0.2
1067619	Soil	19	51	0.74	200	0.100	<1	2.97	0.012	0.11	<0.1	0.02	5.2	0.2	<0.05	9	0.5	<0.2
1067606	Soil	10	43	0.36	172	0.093	2	3.28	0.012	0.05	0.1	0.02	4.5	0.2	<0.05	8	<0.5	<0.2
1067621	Soil	8	56	0.66	193	0.096	<1	2.98	0.019	0.06	0.7	0.01	3.8	<0.1	<0.05	9	<0.5	<0.2
1067605	Soil	9	11	0.11	51	0.033	1	0.80	0.014	0.04	<0.1	0.02	1.1	0.5	<0.05	5	<0.5	<0.2
1067608	Soil	10	26	0.31	133	0.058	<1	1.99	0.010	0.07	<0.1	0.03	2.1	0.2	<0.05	8	<0.5	<0.2
1067620	Soil	29	33	0.41	121	0.052	<1	2.43	0.009	0.15	0.1	<0.01	3.6	0.2	<0.05	8	<0.5	<0.2
1067607	Soil	8	41	0.40	145	0.076	1	3.14	0.012	0.05	0.1	0.03	3.9	0.1	<0.05	8	<0.5	<0.2
1067618	Soil	16	43	0.96	156	0.105	2	3.02	0.016	0.52	<0.1	<0.01	4.9	0.4	0.08	9	<0.5	<0.2
1067601	Soil	13	14	0.09	88	0.020	2	1.01	0.010	0.05	0.1	0.02	1.3	0.2	<0.05	6	<0.5	<0.2
1067629	Soil	31	17	1.42	81	0.010	<1	2.20	0.002	0.08	<0.1	<0.01	2.7	0.2	<0.05	4	<0.5	<0.2
1067609	Soil	11	35	0.56	150	0.048	2	2.78	0.009	0.08	0.1	0.03	3.8	0.2	<0.05	6	<0.5	<0.2
1067626	Soil	14	65	1.04	172	0.072	2	2.59	0.009	0.10	0.2	<0.01	4.0	0.2	<0.05	9	<0.5	<0.2
1067625	Soil	10	188	3.88	301	0.169	<1	4.47	0.006	0.56	<0.1	<0.01	6.0	0.4	<0.05	9	<0.5	<0.2
1067627	Soil	9	57	2.39	171	0.033	<1	3.22	0.008	0.04	0.2	0.03	9.3	<0.1	<0.05	7	<0.5	<0.2
1067492	Soil	15	34	0.20	106	0.009	2	1.45	0.006	0.09	0.1	0.01	5.3	0.4	<0.05	5	<0.5	<0.2
1067497	Soil	39	20	0.20	117	0.023	3	0.83	0.009	0.09	<0.1	0.03	4.0	0.1	<0.05	3	<0.5	<0.2
1069586	Soil	18	112	1.64	415	0.312	1	5.19	0.021	0.81	0.3	0.02	16.0	0.6	<0.05	18	<0.5	<0.2
1067491	Soil	10	37	0.49	138	0.081	2	2.60	0.013	0.10	0.1	0.02	3.9	0.2	<0.05	8	<0.5	<0.2
1067489	Soil	20	21	0.21	113	0.007	3	1.96	0.006	0.09	<0.1	0.01	5.2	0.8	<0.05	4	<0.5	<0.2
1067500	Soil	24	170	2.40	314	0.249	2	4.76	0.032	0.80	0.2	<0.01	12.9	0.6	<0.05	16	<0.5	<0.2
1067498	Soil	16	45	0.38	109	0.078	2	1.80	0.008	0.27	<0.1	0.02	3.4	0.3	<0.05	7	<0.5	<0.2
1067495	Soil	32	20	0.28	164	0.015	2	1.13	0.009	0.10	0.1	0.03	4.5	0.2	<0.05	3	<0.5	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1067485	Soil		0.8	25.2	10.5	96	<0.1	39.7	17.2	413	4.90	17.6	3.1	1.1	11.7	11	0.1	0.8	0.4	48	0.12	0.031
1067493	Soil		1.6	12.8	7.9	31	<0.1	7.9	3.5	123	2.01	3.8	1.1	<0.5	3.7	10	<0.1	0.3	0.2	56	0.06	0.031
1067474	Soil		1.7	20.2	13.3	75	<0.1	25.6	13.4	447	4.30	8.3	2.7	1.0	20.1	14	0.2	0.5	0.2	67	0.16	0.038
1067488	Soil		1.0	20.4	9.5	60	<0.1	30.3	13.0	351	3.77	17.4	1.8	1.2	9.5	18	0.1	0.5	0.3	64	0.15	0.022
1067499	Soil		0.8	42.3	12.9	123	<0.1	67.5	26.2	689	6.00	22.1	1.7	<0.5	11.0	14	<0.1	0.1	0.3	69	0.15	0.035
1067484	Soil		0.9	8.0	8.9	20	<0.1	5.1	2.5	104	1.34	3.4	0.5	2.4	3.2	12	<0.1	0.3	0.2	54	0.12	0.018
1067483	Soil		1.5	18.5	12.2	60	<0.1	26.2	13.7	330	3.48	9.0	1.7	<0.5	12.7	15	0.2	0.4	0.4	63	0.16	0.037
1067490	Soil		1.3	18.3	15.3	57	<0.1	23.1	10.3	312	3.43	8.5	1.4	3.0	10.8	17	<0.1	0.5	0.2	71	0.14	0.034
1066571	Soil		0.6	13.8	11.6	42	<0.1	22.7	10.3	238	2.43	7.3	0.8	4.0	8.3	17	0.2	0.4	0.2	51	0.20	0.025
1066569	Soil		0.7	16.2	12.6	49	<0.1	17.8	6.9	163	2.35	5.8	1.4	<0.5	9.1	19	<0.1	0.4	0.2	54	0.27	0.049
1066562	Soil		0.5	19.9	8.1	79	<0.1	27.1	23.3	898	4.98	5.7	1.6	1.0	7.3	20	0.1	0.3	0.4	108	0.28	0.048
1067487	Soil		0.8	18.6	10.1	62	<0.1	24.4	11.1	470	3.13	8.9	1.6	<0.5	6.4	22	<0.1	0.4	0.3	52	0.34	0.077
1066564	Soil		0.9	10.0	14.3	45	<0.1	16.2	7.6	191	3.02	8.4	0.9	2.1	7.4	12	0.2	0.4	0.2	63	0.15	0.032
1066563	Soil		0.7	17.5	8.2	49	<0.1	25.6	13.6	239	3.20	7.0	0.7	2.6	5.2	16	<0.1	0.4	0.2	63	0.20	0.038
1066570	Soil		0.7	29.5	11.9	61	<0.1	26.2	9.5	338	2.88	8.1	2.3	5.2	9.9	30	0.2	0.5	0.2	66	0.44	0.065
1067628	Soil		2.1	11.4	6.7	49	<0.1	12.6	12.0	340	2.74	2.0	2.3	3.0	26.0	13	<0.1	<0.1	0.7	11	0.08	0.042
1066567	Soil		1.0	18.1	11.2	52	<0.1	25.1	10.6	330	3.38	10.1	0.8	<0.5	6.5	18	0.2	0.5	0.2	71	0.20	0.030
1066565	Soil		0.7	12.1	8.8	41	<0.1	14.3	5.9	203	2.31	4.8	1.3	0.9	9.6	18	0.1	0.3	0.1	49	0.22	0.029
1066561	Soil		1.0	17.2	11.7	47	<0.1	26.2	11.1	222	3.55	10.1	0.6	1.5	3.7	14	0.1	0.6	0.2	76	0.16	0.030
1066572	Soil		0.9	19.9	19.1	53	0.1	22.3	11.2	493	2.83	7.8	5.3	4.6	21.6	18	<0.1	0.4	0.4	56	0.22	0.046
1066583	Soil		0.7	22.9	10.0	58	<0.1	27.0	11.3	311	3.39	9.1	1.1	4.9	4.8	15	<0.1	0.5	0.2	57	0.18	0.029
1066568	Soil		1.2	10.8	13.0	38	<0.1	12.3	5.6	219	2.29	6.5	0.5	4.6	3.1	12	0.2	0.3	0.3	62	0.12	0.020
1066559	Soil		1.1	41.0	11.6	85	<0.1	38.7	13.6	351	6.35	11.7	1.4	<0.5	6.0	17	<0.1	0.6	0.3	54	0.07	0.036
1066560	Soil		1.2	19.1	10.8	57	<0.1	33.4	13.1	283	4.02	12.2	0.6	1.8	4.1	14	0.1	0.6	0.3	62	0.14	0.039
1066576	Soil		0.9	16.7	13.2	52	<0.1	22.4	9.2	269	3.03	8.1	1.4	2.6	9.1	11	<0.1	0.5	0.3	56	0.12	0.023
1066582	Soil		0.7	20.5	12.4	59	<0.1	26.1	12.4	331	3.47	8.6	1.0	5.4	5.2	15	0.2	0.6	0.3	59	0.18	0.031
1066579	Soil		0.8	26.9	24.1	69	<0.1	32.0	12.3	633	4.00	13.0	1.6	2.0	4.0	16	<0.1	0.5	0.5	57	0.18	0.036
1066573	Soil		0.8	20.4	13.0	52	0.1	28.9	14.0	313	3.21	10.5	1.2	<0.5	9.3	11	0.2	0.5	0.3	58	0.12	0.033
1066578	Soil		1.0	27.3	16.3	58	0.2	37.5	11.7	368	3.78	12.7	2.1	1.0	6.8	14	0.2	0.5	0.4	56	0.14	0.048
1066580	Soil		0.7	36.4	17.5	62	0.3	37.6	13.3	411	4.15	12.9	5.3	6.1	7.1	24	<0.1	0.8	0.5	60	0.34	0.049

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

Project: ECH
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000530.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1067485	Soil	27	36	0.36	159	0.040	2	1.78	0.007	0.32	<0.1	0.02	4.5	0.6	<0.05	6	<0.5	<0.2
1067493	Soil	10	15	0.06	61	0.035	1	0.87	0.010	0.04	<0.1	0.02	1.4	0.2	<0.05	6	<0.5	<0.2
1067474	Soil	17	34	0.47	154	0.053	3	2.68	0.010	0.15	0.1	0.03	4.3	0.3	<0.05	7	<0.5	<0.2
1067488	Soil	19	41	0.43	186	0.031	2	2.49	0.011	0.16	<0.1	0.02	4.7	0.4	<0.05	7	<0.5	<0.2
1067499	Soil	24	89	1.06	157	0.137	2	2.84	0.009	0.71	<0.1	<0.01	7.9	0.8	<0.05	9	<0.5	<0.2
1067484	Soil	12	12	0.10	67	0.077	<1	0.81	0.007	0.06	<0.1	<0.01	1.2	0.1	<0.05	7	<0.5	<0.2
1067483	Soil	12	37	0.44	151	0.043	1	2.44	0.010	0.08	0.1	0.03	3.6	0.1	<0.05	6	<0.5	<0.2
1067490	Soil	14	33	0.41	155	0.040	2	2.57	0.009	0.09	<0.1	0.02	3.7	0.2	<0.05	7	<0.5	<0.2
1066571	Soil	11	30	0.41	124	0.063	3	2.16	0.012	0.07	0.1	0.02	2.8	0.1	<0.05	4	<0.5	<0.2
1066569	Soil	22	29	0.48	117	0.075	2	2.13	0.010	0.08	0.2	0.03	3.4	0.2	<0.05	6	0.6	<0.2
1066562	Soil	20	53	1.33	239	0.182	2	3.03	0.031	0.60	0.2	<0.01	9.1	0.7	<0.05	10	<0.5	<0.2
1067487	Soil	16	31	0.44	166	0.060	2	1.46	0.011	0.13	0.1	0.03	4.7	0.5	<0.05	5	<0.5	<0.2
1066564	Soil	10	27	0.29	80	0.066	2	2.43	0.008	0.06	<0.1	0.04	2.6	0.1	<0.05	7	<0.5	<0.2
1066563	Soil	9	41	0.57	99	0.112	2	3.12	0.012	0.16	0.1	0.06	4.4	0.2	<0.05	6	<0.5	<0.2
1066570	Soil	42	38	0.61	238	0.095	3	2.03	0.017	0.08	0.1	0.04	5.2	0.1	<0.05	6	<0.5	<0.2
1067628	Soil	44	9	1.08	117	0.017	1	1.52	0.007	0.15	<0.1	<0.01	1.1	0.1	0.13	4	<0.5	0.5
1066567	Soil	11	32	0.47	151	0.076	2	2.38	0.011	0.07	0.1	0.05	3.1	0.1	<0.05	7	<0.5	<0.2
1066565	Soil	17	25	0.33	94	0.060	2	1.37	0.012	0.06	0.1	0.03	2.4	0.1	<0.05	4	<0.5	<0.2
1066561	Soil	9	36	0.46	111	0.090	2	2.47	0.009	0.09	<0.1	0.04	2.9	0.1	<0.05	8	0.6	<0.2
1066572	Soil	92	37	0.41	167	0.041	2	1.85	0.010	0.09	0.2	0.02	5.4	0.2	<0.05	5	<0.5	<0.2
1066583	Soil	12	31	0.57	155	0.067	2	2.41	0.010	0.08	0.1	0.02	3.2	0.3	<0.05	6	<0.5	<0.2
1066568	Soil	9	22	0.30	81	0.079	<1	1.47	0.007	0.08	0.1	0.03	1.9	0.2	<0.05	8	<0.5	<0.2
1066559	Soil	14	45	0.80	152	0.113	<1	2.83	0.011	0.68	0.1	0.01	3.4	0.8	0.14	9	<0.5	<0.2
1066560	Soil	8	38	0.45	121	0.061	2	2.99	0.008	0.13	0.1	0.07	2.9	0.4	<0.05	7	0.5	<0.2
1066576	Soil	15	27	0.34	107	0.049	2	1.81	0.008	0.08	0.1	0.02	2.5	0.2	<0.05	5	<0.5	<0.2
1066582	Soil	12	33	0.52	142	0.069	2	2.28	0.010	0.08	<0.1	0.01	3.1	0.2	<0.05	6	<0.5	<0.2
1066579	Soil	15	41	0.48	168	0.025	1	2.05	0.008	0.08	0.3	0.03	3.4	0.3	<0.05	6	<0.5	<0.2
1066573	Soil	12	35	0.48	100	0.070	2	2.62	0.009	0.07	0.1	0.04	4.0	0.2	<0.05	5	0.6	<0.2
1066578	Soil	16	37	0.45	136	0.040	2	2.63	0.010	0.09	0.2	0.04	4.5	0.3	0.06	6	<0.5	<0.2
1066580	Soil	26	58	0.53	255	0.043	1	2.24	0.014	0.11	0.3	0.08	8.4	0.4	<0.05	6	<0.5	<0.2

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

Project: ECH
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000530.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1066577	Soil		0.9	23.4	15.4	58	<0.1	29.9	14.0	352	3.75	10.3	1.1	13.7	7.4	12	0.2	0.6	0.3	57	0.13	0.033
1066575	Soil		0.8	14.6	24.8	54	<0.1	21.8	10.9	368	2.93	6.1	2.0	4.1	15.0	9	0.1	0.4	0.6	42	0.10	0.022
1066553	Soil		0.8	16.8	8.1	47	<0.1	20.0	8.3	343	2.83	9.8	3.2	2.3	12.1	17	<0.1	0.4	0.2	51	0.21	0.031
1066552	Soil		1.1	24.5	16.3	69	<0.1	29.4	14.8	717	4.34	13.5	1.2	2.0	4.4	9	<0.1	0.9	0.3	53	0.09	0.038
1066584	Soil		0.8	24.3	10.2	58	<0.1	28.5	11.8	319	3.52	9.2	1.2	4.0	5.2	16	<0.1	0.6	0.2	61	0.19	0.031
1066574	Soil		1.6	10.5	13.4	31	<0.1	8.7	3.6	124	2.44	6.7	0.8	<0.5	3.8	11	<0.1	0.5	0.4	73	0.09	0.021
1066566	Soil		0.8	13.3	9.0	49	<0.1	16.6	7.6	308	2.76	5.7	1.8	3.3	12.2	15	<0.1	0.5	0.1	48	0.18	0.027
1066554	Soil		1.0	18.4	10.1	47	<0.1	24.1	10.1	342	3.40	10.5	1.7	1.7	11.6	14	0.1	0.5	0.2	64	0.15	0.028
1066558	Soil		1.0	18.1	8.9	44	<0.1	22.4	9.0	245	3.62	8.2	0.8	<0.5	3.5	15	<0.1	0.3	0.2	69	0.16	0.030
1066581	Soil		0.8	23.3	14.7	67	<0.1	26.7	12.2	490	3.69	8.1	2.0	1.7	6.4	14	0.1	0.5	0.3	55	0.17	0.038
1069582	Soil		1.4	19.9	16.5	60	<0.1	21.0	9.2	247	5.39	16.7	0.6	0.7	10.8	12	<0.1	0.7	0.3	108	0.09	0.035
1066556	Soil		0.9	20.1	10.0	48	<0.1	24.6	10.0	288	3.52	10.5	2.2	<0.5	12.6	14	<0.1	0.5	0.4	62	0.16	0.031
1066557	Soil		1.0	25.5	9.3	62	<0.1	36.2	14.2	459	4.00	9.3	2.5	2.2	14.5	17	0.1	0.4	0.3	77	0.20	0.033
1066555	Soil		1.0	18.3	8.9	50	<0.1	23.1	9.2	350	3.32	7.7	2.4	1.5	9.4	16	<0.1	0.4	0.3	56	0.18	0.032
1035882	Soil		0.8	24.5	4.4	32	<0.1	15.2	14.9	383	3.77	2.5	0.2	0.7	0.7	20	0.1	0.2	0.2	96	0.24	0.040
1035885	Soil		0.8	41.6	3.4	66	<0.1	36.0	24.7	437	5.46	2.5	0.3	0.6	1.4	15	<0.1	0.1	<0.1	122	0.28	0.050
1035878	Soil		26.2	124.5	79.5	365	1.0	120.5	22.9	1133	4.66	2.4	2.5	<0.5	12.1	62	4.9	1.1	0.5	61	0.64	0.286
1035861	Soil		0.4	60.8	7.5	109	<0.1	36.0	31.4	1172	7.10	3.9	0.7	1.4	4.0	24	<0.1	0.2	0.2	214	0.34	0.036
1069583	Soil		1.5	25.8	13.4	45	<0.1	22.2	10.2	330	3.86	9.1	2.1	2.6	15.0	20	<0.1	0.5	0.3	74	0.17	0.035
1035879	Soil		1.0	11.5	6.3	46	<0.1	9.9	8.1	667	1.78	0.9	0.6	<0.5	7.2	7	<0.1	<0.1	2.6	22	0.09	0.018
1035884	Soil		1.0	19.4	12.5	53	0.2	12.5	6.2	170	2.82	3.7	0.4	1.2	3.3	13	0.2	0.3	0.3	78	0.15	0.019
1035886	Soil		0.3	30.5	6.4	112	<0.1	11.8	17.5	807	5.44	2.4	0.4	<0.5	2.5	19	<0.1	0.2	<0.1	89	0.39	0.105
1069584	Soil		0.5	32.3	6.6	34	0.2	74.6	22.8	228	3.04	6.0	0.2	<0.5	0.9	18	0.1	0.2	<0.1	64	0.28	0.055
1035881	Soil		3.8	78.8	21.6	161	0.1	101.0	23.4	1024	5.81	74.9	1.8	2.6	11.8	12	0.6	0.9	0.3	50	0.08	0.037
1035868	Soil		0.9	26.9	36.2	37	<0.1	5.7	3.5	325	1.09	2.1	1.5	<0.5	37.4	10	0.1	<0.1	0.2	9	0.06	0.018
1035870	Soil		1.4	122.5	264.1	153	0.2	36.4	19.7	952	3.12	2.2	2.4	4.7	33.5	9	0.5	<0.1	2.5	20	0.10	0.045
1035864	Soil		1.2	14.5	17.7	53	0.1	9.2	6.3	450	2.79	3.2	0.6	0.8	1.5	8	<0.1	0.2	0.4	33	0.07	0.047
1035858	Soil		1.2	11.8	14.4	41	<0.1	10.0	5.0	229	2.23	5.8	0.9	<0.5	1.3	9	0.2	0.3	0.7	55	0.09	0.060
1035869	Soil		3.3	18.0	8.7	23	<0.1	6.5	4.9	479	1.49	1.4	2.6	2.0	16.9	13	<0.1	0.1	0.4	9	0.05	0.022
1035871	Soil		2.0	16.4	124.9	62	0.1	4.3	3.9	215	1.22	4.4	2.7	<0.5	29.6	9	0.1	0.2	0.4	12	0.03	0.015

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1066577	Soil		14	39	0.47	116	0.057	1	2.58	0.009	0.10	0.2	0.02	3.4	0.3	0.06	6	0.6	<0.2
1066575	Soil		19	28	0.25	71	0.042	1	1.65	0.007	0.06	0.2	0.02	2.9	0.2	<0.05	3	<0.5	<0.2
1066553	Soil		41	29	0.39	117	0.071	1	1.38	0.010	0.08	0.1	0.03	4.0	0.2	<0.05	4	<0.5	<0.2
1066552	Soil		13	26	0.27	96	0.040	1	1.42	0.006	0.10	0.1	0.01	2.6	0.3	<0.05	6	<0.5	<0.2
1066584	Soil		13	33	0.58	151	0.070	1	2.48	0.012	0.08	0.1	0.03	3.3	0.3	<0.05	6	<0.5	<0.2
1066574	Soil		12	19	0.12	112	0.040	<1	1.18	0.005	0.04	<0.1	0.03	1.4	0.2	<0.05	7	<0.5	<0.2
1066566	Soil		26	26	0.36	93	0.085	1	1.59	0.011	0.09	0.1	0.02	3.0	0.2	<0.05	5	<0.5	<0.2
1066554	Soil		15	34	0.39	138	0.072	1	2.22	0.011	0.07	0.1	0.01	2.9	0.2	<0.05	6	<0.5	<0.2
1066558	Soil		12	35	0.53	117	0.105	<1	2.00	0.012	0.16	<0.1	0.03	2.8	0.3	<0.05	8	<0.5	<0.2
1066581	Soil		20	30	0.50	147	0.058	1	1.95	0.009	0.11	0.1	0.04	3.3	0.4	<0.05	6	<0.5	<0.2
1069582	Soil		17	37	0.49	120	0.160	<1	2.55	0.011	0.18	0.1	0.02	4.1	0.3	<0.05	14	<0.5	<0.2
1066556	Soil		23	33	0.43	128	0.063	1	2.20	0.010	0.13	0.2	0.03	3.4	0.3	<0.05	7	<0.5	<0.2
1066557	Soil		39	55	0.81	182	0.129	2	2.70	0.012	0.24	0.3	0.03	6.0	0.4	<0.05	8	<0.5	<0.2
1066555	Soil		30	34	0.51	136	0.089	2	1.87	0.012	0.19	0.2	0.02	3.5	0.3	<0.05	6	<0.5	<0.2
1035882	Soil		2	34	1.66	102	0.112	<1	1.78	0.006	0.08	0.1	0.02	3.6	<0.1	<0.05	8	<0.5	0.3
1035885	Soil		4	161	1.99	189	0.133	<1	2.97	0.010	0.10	<0.1	0.02	5.1	<0.1	<0.05	8	<0.5	<0.2
1035878	Soil		56	38	1.34	169	0.027	<1	1.50	0.005	0.16	0.7	0.16	3.5	0.7	0.14	4	5.9	<0.2
1035861	Soil		13	39	2.37	433	0.162	<1	3.49	0.011	0.46	0.1	0.01	10.2	0.4	<0.05	13	<0.5	<0.2
1069583	Soil		40	39	0.43	174	0.106	<1	2.43	0.012	0.14	<0.1	0.04	5.7	0.2	<0.05	8	<0.5	<0.2
1035879	Soil		25	18	0.66	150	0.006	<1	1.10	0.003	0.10	<0.1	0.02	3.1	<0.1	0.05	3	<0.5	<0.2
1035884	Soil		10	25	0.28	182	0.068	<1	1.94	0.009	0.06	<0.1	0.02	2.5	<0.1	0.08	9	<0.5	<0.2
1035886	Soil		11	19	2.48	333	0.257	<1	4.00	0.007	0.70	<0.1	0.01	6.6	0.3	<0.05	13	<0.5	<0.2
1069584	Soil		2	232	1.29	350	0.096	<1	5.04	0.024	0.04	<0.1	0.04	4.2	<0.1	0.06	7	<0.5	<0.2
1035881	Soil		33	66	0.35	195	0.004	<1	1.64	0.006	0.08	<0.1	0.03	4.6	0.1	<0.05	4	1.7	<0.2
1035868	Soil		77	8	0.14	125	0.006	<1	0.74	0.003	0.12	<0.1	0.02	1.1	0.1	0.07	1	<0.5	<0.2
1035870	Soil		43	62	1.69	74	0.024	1	1.63	0.003	0.11	<0.1	0.02	2.9	0.1	<0.05	4	<0.5	0.5
1035864	Soil		20	15	0.73	46	0.016	<1	1.42	0.004	0.07	<0.1	0.02	1.4	<0.1	<0.05	6	<0.5	<0.2
1035858	Soil		9	21	0.20	82	0.033	1	1.64	0.008	0.05	0.1	0.03	1.2	<0.1	<0.05	6	<0.5	<0.2
1035869	Soil		50	10	0.31	155	0.008	<1	0.90	0.002	0.08	<0.1	0.01	1.5	<0.1	<0.05	2	<0.5	0.2
1035871	Soil		54	9	0.22	80	0.014	<1	0.88	0.004	0.06	<0.1	0.02	1.0	0.1	<0.05	2	<0.5	<0.2

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

Project: ECH
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000530.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1035872	Soil		2.7	18.4	34.1	23	0.1	8.1	4.1	100	2.23	5.2	1.1	0.7	12.7	8	<0.1	0.3	1.5	42	0.05	0.020
1035857	Soil		0.9	30.9	15.9	59	<0.1	29.3	14.0	397	2.86	8.1	1.1	2.1	9.5	22	<0.1	0.5	0.4	66	0.21	0.037
1035863	Soil		1.7	22.7	22.8	43	0.2	13.8	7.3	219	2.70	6.7	0.8	1.6	7.7	10	0.3	0.4	0.4	70	0.09	0.024
1035873	Soil		3.1	23.4	332.0	130	0.3	3.0	1.3	211	1.02	1.3	3.4	<0.5	27.5	9	<0.1	0.1	2.1	8	0.05	0.017
1035880	Soil		2.2	58.0	21.2	93	0.4	69.2	17.3	528	4.01	12.2	1.9	5.2	8.5	24	0.3	0.5	0.3	93	0.17	0.033
1035877	Soil		27.2	125.8	94.6	357	1.2	119.8	23.1	1137	4.29	2.5	2.5	<0.5	12.6	66	5.2	1.2	0.7	63	0.63	0.288
1035862	Soil		0.6	6.6	7.2	18	<0.1	2.9	2.3	135	1.11	2.5	0.3	1.1	1.7	7	<0.1	0.3	0.2	43	0.05	0.016
1035859	Soil		0.8	29.1	11.1	54	<0.1	31.8	15.4	217	3.21	9.5	0.7	1.9	4.7	18	0.1	0.4	0.3	70	0.15	0.016
1035865	Soil		2.7	12.3	16.1	29	<0.1	30.8	6.4	719	1.54	5.1	0.9	1.1	13.9	11	<0.1	0.2	0.2	37	0.08	0.020
1035876	Soil		1.5	29.9	33.2	47	0.2	11.8	5.2	203	2.22	10.3	0.9	3.8	7.1	12	0.2	0.5	0.3	64	0.08	0.020
1035874	Soil		2.3	66.7	398.1	343	<0.1	9.4	3.6	273	1.86	5.1	3.2	1.6	23.1	16	0.2	0.2	0.3	22	0.11	0.014
1035883	Soil		2.7	73.4	32.3	122	<0.1	49.0	17.6	593	5.21	5.2	1.5	0.6	12.9	9	0.1	0.5	0.4	60	0.04	0.028
1035856	Soil		1.0	17.0	13.7	47	<0.1	19.0	8.7	232	2.61	6.0	0.9	1.6	7.8	16	0.1	0.4	0.2	65	0.17	0.036
1035875	Soil		1.5	33.2	61.3	155	0.1	81.4	29.4	2812	5.42	26.6	2.8	2.3	17.8	17	<0.1	0.3	0.2	34	0.19	0.076
1035866	Soil		1.2	23.3	13.3	67	<0.1	28.5	19.9	355	4.58	7.3	0.7	4.5	6.8	24	0.2	0.3	0.2	78	0.19	0.025
1067734	Soil		1.3	21.8	13.9	56	<0.1	26.5	11.1	272	4.08	11.0	0.8	<0.5	9.3	12	0.1	0.5	0.7	83	0.10	0.039
1069430	Soil		0.9	40.6	22.7	96	<0.1	40.6	21.6	760	4.98	8.7	3.3	1.5	10.8	8	0.1	0.7	1.2	50	0.07	0.024
1069427	Soil		1.0	28.4	23.7	73	<0.1	31.7	16.2	582	3.87	12.3	2.2	2.7	6.6	11	0.1	0.8	0.4	51	0.10	0.045
1069426	Soil		1.1	27.7	19.2	71	<0.1	26.7	15.8	656	3.53	10.6	1.5	2.8	5.1	11	<0.1	0.6	0.4	57	0.12	0.036
1069416	Soil		0.9	29.4	10.9	61	<0.1	27.0	11.6	375	3.27	8.7	4.3	4.2	3.3	13	0.1	0.5	0.3	65	0.15	0.038
1069414	Soil		0.8	27.2	19.5	63	<0.1	29.1	12.8	408	3.42	7.2	2.5	6.5	5.5	13	0.1	0.5	0.4	63	0.16	0.033
1069429	Soil		0.8	40.7	23.6	98	<0.1	39.5	21.3	775	4.77	8.3	3.2	1.9	10.8	7	<0.1	0.6	1.2	48	0.07	0.025
1069433	Soil		0.9	32.4	15.1	68	<0.1	35.4	15.3	440	3.66	8.5	2.1	2.7	4.4	14	0.1	0.5	0.4	65	0.15	0.045
1069434	Soil		1.0	23.5	12.6	67	<0.1	27.1	12.1	375	3.40	9.6	1.7	4.1	7.4	12	0.1	0.5	0.3	67	0.12	0.029
1069428	Soil		0.7	26.7	17.8	68	<0.1	26.3	12.2	414	3.71	9.1	2.6	2.9	5.5	10	0.1	0.6	0.4	51	0.11	0.034
1069431	Soil		1.0	25.8	17.2	67	<0.1	31.5	14.0	401	3.43	9.6	1.2	2.4	5.0	12	0.2	0.5	0.4	67	0.12	0.030
1069432	Soil		1.0	28.0	18.3	68	<0.1	32.7	15.9	480	3.66	9.3	1.5	2.8	5.5	11	0.2	0.6	0.5	64	0.11	0.031
1069435	Soil		0.9	25.2	17.6	76	<0.1	31.5	13.3	361	3.72	10.8	1.9	1.5	6.6	12	0.1	0.5	0.3	60	0.12	0.032
1069413	Soil		1.0	29.3	11.2	64	<0.1	31.8	14.2	453	3.37	8.4	2.9	7.1	3.9	14	0.1	0.5	0.4	62	0.15	0.045
1069419	Soil		1.0	29.0	9.3	66	<0.1	29.0	14.0	441	3.27	8.5	1.9	2.5	3.4	15	0.1	0.6	0.2	62	0.15	0.033

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Project: ECH
Report Date: July 19, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1035872	Soil	18	16	0.24	122	0.039	<1	1.37	0.005	0.06	<0.1	0.01	1.3	<0.1	<0.05	5	<0.5	0.3
1035857	Soil	16	37	0.58	239	0.076	2	2.66	0.016	0.07	0.1	0.03	3.6	0.1	<0.05	6	<0.5	<0.2
1035863	Soil	15	30	0.42	91	0.072	1	2.11	0.007	0.10	0.1	0.04	2.6	0.1	<0.05	8	<0.5	<0.2
1035873	Soil	25	6	0.89	85	0.025	<1	0.99	0.003	0.18	<0.1	<0.01	0.6	0.2	<0.05	3	<0.5	<0.2
1035880	Soil	27	70	0.58	430	0.080	1	3.27	0.013	0.07	0.1	0.06	9.8	0.1	<0.05	8	<0.5	<0.2
1035877	Soil	52	36	1.34	160	0.027	1	1.47	0.005	0.16	0.7	0.16	3.1	0.7	0.12	4	4.7	0.2
1035862	Soil	8	10	0.08	51	0.069	<1	0.82	0.009	0.03	<0.1	0.01	0.8	<0.1	<0.05	6	<0.5	<0.2
1035859	Soil	11	38	0.66	174	0.105	1	2.58	0.011	0.10	0.1	0.02	2.9	0.1	<0.05	7	<0.5	<0.2
1035865	Soil	17	19	0.21	117	0.036	<1	1.14	0.006	0.10	0.1	0.01	1.6	0.1	<0.05	5	<0.5	<0.2
1035876	Soil	14	23	0.22	126	0.075	<1	1.69	0.008	0.06	0.1	0.02	2.2	0.1	<0.05	7	<0.5	<0.2
1035874	Soil	51	14	1.17	89	0.057	1	1.68	0.005	0.09	<0.1	0.07	1.8	0.2	<0.05	5	<0.5	<0.2
1035883	Soil	27	51	0.57	140	0.028	<1	2.12	0.004	0.11	<0.1	<0.01	4.4	0.2	<0.05	7	0.6	<0.2
1035856	Soil	18	32	0.47	186	0.102	1	2.04	0.014	0.11	0.1	0.02	3.1	0.1	<0.05	8	<0.5	<0.2
1035875	Soil	26	74	2.15	128	0.242	1	2.22	0.004	0.87	<0.1	0.04	3.8	1.2	<0.05	7	<0.5	<0.2
1035866	Soil	14	121	1.64	186	0.123	1	3.21	0.007	0.13	<0.1	<0.01	4.1	0.2	<0.05	8	<0.5	<0.2
1067734	Soil	10	45	0.53	136	0.106	1	3.22	0.010	0.12	0.1	0.03	3.7	0.2	<0.05	11	0.6	<0.2
1069430	Soil	23	36	0.50	87	0.089	2	1.93	0.006	0.28	0.2	0.01	3.4	0.9	<0.05	6	<0.5	<0.2
1069427	Soil	18	31	0.42	93	0.050	2	1.92	0.009	0.13	<0.1	0.04	2.8	0.5	<0.05	5	<0.5	<0.2
1069426	Soil	16	37	0.51	65	0.093	2	1.71	0.010	0.15	0.1	0.03	2.8	0.3	0.06	6	<0.5	<0.2
1069416	Soil	15	33	0.56	73	0.111	2	2.14	0.010	0.13	0.1	0.04	2.8	0.3	0.07	7	<0.5	<0.2
1069414	Soil	14	35	0.58	83	0.094	2	2.11	0.011	0.11	0.1	0.04	3.2	0.3	0.06	6	<0.5	<0.2
1069429	Soil	21	37	0.50	85	0.085	1	1.92	0.007	0.30	0.2	0.01	3.5	1.0	<0.05	5	<0.5	<0.2
1069433	Soil	13	38	0.65	119	0.117	2	2.36	0.011	0.14	0.2	0.03	3.4	0.3	<0.05	7	<0.5	<0.2
1069434	Soil	20	34	0.57	116	0.085	2	2.40	0.010	0.10	0.1	0.04	3.9	0.3	<0.05	7	<0.5	<0.2
1069428	Soil	20	32	0.48	87	0.063	2	1.99	0.009	0.16	<0.1	0.02	3.0	0.4	<0.05	6	<0.5	<0.2
1069431	Soil	13	36	0.54	91	0.098	2	2.37	0.010	0.11	0.1	0.04	3.5	0.2	<0.05	7	<0.5	<0.2
1069432	Soil	14	39	0.56	91	0.090	1	2.52	0.009	0.12	0.1	0.04	3.5	0.2	<0.05	6	<0.5	<0.2
1069435	Soil	16	37	0.51	120	0.045	3	2.56	0.009	0.10	0.1	0.02	3.9	0.3	<0.05	6	<0.5	<0.2
1069413	Soil	13	34	0.60	101	0.123	2	2.13	0.012	0.17	0.1	0.05	3.1	0.3	0.07	7	<0.5	<0.2
1069419	Soil	13	36	0.65	90	0.119	2	2.24	0.012	0.17	0.1	0.04	3.4	0.3	0.07	6	<0.5	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1069418	Soil		1.0	29.7	10.0	62	<0.1	29.5	12.5	375	3.26	8.8	2.6	2.0	2.6	12	0.1	0.5	0.4	67	0.15	0.031
1069421	Soil		0.8	25.0	10.6	65	<0.1	28.7	13.7	447	3.52	8.8	1.3	3.6	3.5	13	0.2	0.4	0.2	69	0.19	0.046
1069422	Soil		1.2	24.7	13.1	59	<0.1	26.4	10.5	340	3.81	9.1	1.5	2.3	2.3	12	0.2	0.5	0.3	75	0.14	0.046
1069420	Soil		1.1	30.8	11.0	61	<0.1	35.4	17.2	366	3.46	12.4	1.7	4.6	5.2	14	0.2	0.6	0.3	75	0.18	0.043
1069417	Soil		1.0	27.6	10.4	59	<0.1	26.9	12.0	384	3.29	8.7	3.3	4.1	3.3	13	0.1	0.5	0.4	70	0.17	0.039
1069423	Soil		1.2	21.3	12.3	52	<0.1	23.4	9.8	284	3.22	8.6	1.4	3.2	2.9	12	0.1	0.5	0.3	71	0.15	0.037
1069425	Soil		0.6	26.9	15.1	66	0.1	27.5	9.8	239	3.46	8.5	1.7	3.5	3.3	13	0.2	0.5	0.4	61	0.18	0.048
1069406	Soil		1.0	33.4	11.8	68	<0.1	29.6	16.0	463	3.52	6.3	3.2	2.7	4.4	12	<0.1	0.4	0.6	59	0.14	0.037
1069402	Soil		0.8	28.9	15.4	67	0.1	28.7	12.1	465	3.56	8.2	3.1	2.8	4.3	11	<0.1	0.6	0.7	54	0.14	0.040
1069404	Soil		0.6	21.6	14.4	56	0.1	21.2	7.8	229	2.89	7.1	2.8	4.9	3.7	13	<0.1	0.4	0.6	54	0.17	0.044
1069424	Soil		1.0	31.6	15.2	68	0.1	28.9	12.6	471	3.74	9.5	3.2	6.7	3.4	13	0.2	0.5	0.4	64	0.17	0.048
1069407	Soil		0.9	27.6	10.8	58	<0.1	26.5	11.1	356	3.60	8.0	2.5	4.3	3.2	14	0.2	0.4	0.5	67	0.17	0.046
1069408	Soil		1.2	32.2	11.6	65	<0.1	28.6	12.3	361	3.87	8.4	4.7	3.1	4.8	15	0.2	0.5	0.6	71	0.16	0.037
1069405	Soil		0.8	20.5	14.3	50	<0.1	20.2	8.4	223	3.15	6.6	1.4	2.3	2.2	11	0.1	0.4	0.3	56	0.13	0.051
1069403	Soil		1.9	24.5	13.4	59	0.2	24.2	8.6	351	2.94	6.3	2.6	1.3	1.1	17	0.2	0.5	0.7	60	0.19	0.083
1069411	Soil		0.9	30.8	12.8	62	<0.1	31.7	14.1	421	3.33	7.5	2.3	1.3	3.7	15	0.1	0.4	0.4	67	0.17	0.033
1067688	Soil		1.0	20.6	14.4	88	<0.1	21.9	9.0	342	2.71	9.1	3.4	1.7	8.1	22	0.3	0.5	0.6	57	0.27	0.041
1067689	Soil		0.9	12.0	14.2	72	<0.1	15.0	6.9	275	3.63	8.6	2.1	<0.5	10.4	14	0.2	0.4	0.4	54	0.14	0.036
1069409	Soil		0.7	25.4	15.3	60	<0.1	27.9	13.0	451	3.17	7.7	3.3	1.5	4.4	13	<0.1	0.5	1.2	63	0.16	0.029
1069412	Soil		1.1	27.0	10.3	64	<0.1	26.7	11.5	423	3.36	7.9	2.4	5.8	3.5	13	<0.1	0.5	0.4	68	0.15	0.034
1069646	Soil		1.0	25.7	11.7	78	<0.1	27.9	11.5	411	2.98	9.3	3.4	2.1	7.8	22	0.2	0.5	0.4	65	0.29	0.036
1069647	Soil		1.2	20.9	11.4	48	0.1	24.7	15.3	333	2.96	8.2	0.9	3.3	4.1	16	0.4	0.5	0.3	75	0.17	0.035
1069401	Soil		0.9	17.0	7.8	40	0.2	10.5	5.1	639	1.32	2.3	1.5	1.4	0.2	18	0.3	0.3	0.6	38	0.19	0.092
1069638	Soil		0.7	18.1	11.6	66	<0.1	23.2	10.6	213	2.91	6.1	1.1	3.9	4.3	20	0.1	0.3	0.3	57	0.27	0.054
1067687	Soil		1.3	12.0	15.2	52	<0.1	12.3	4.7	210	2.98	14.5	0.8	1.0	3.3	16	0.4	0.5	1.4	106	0.16	0.041
1069640	Soil		1.3	13.4	10.9	44	<0.1	17.1	8.0	314	3.74	10.3	0.8	0.6	4.5	15	<0.1	0.4	0.2	70	0.17	0.048
1069410	Soil		0.7	37.2	10.4	74	<0.1	29.9	16.2	508	3.97	4.6	2.8	<0.5	5.2	16	<0.1	0.3	0.5	58	0.14	0.032
1069644	Soil		1.2	12.2	11.6	27	<0.1	5.9	2.7	79	1.49	5.0	0.8	<0.5	1.9	11	<0.1	0.3	0.3	50	0.07	0.023
1069648	Soil		1.4	10.9	9.8	58	<0.1	10.9	5.0	179	2.98	11.7	2.2	<0.5	9.0	9	0.1	0.6	0.6	57	0.10	0.036
1069649	Soil		2.3	14.4	11.9	49	<0.1	17.7	5.1	217	2.05	8.6	2.3	2.8	2.5	13	0.2	0.4	0.7	43	0.15	0.049

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

Project: ECH
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000530.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1069418	Soil	12	36	0.56	86	0.110	2	2.22	0.010	0.14	0.1	0.04	3.1	0.3	<0.05	6	0.5	<0.2
1069421	Soil	13	39	0.69	105	0.121	3	2.37	0.011	0.15	0.2	0.04	3.3	0.3	<0.05	6	0.8	<0.2
1069422	Soil	10	39	0.56	86	0.115	2	2.00	0.009	0.17	0.2	0.05	2.8	0.2	<0.05	7	0.6	<0.2
1069420	Soil	16	39	0.67	97	0.117	3	2.85	0.012	0.10	0.2	0.08	3.7	0.2	<0.05	7	0.7	<0.2
1069417	Soil	15	37	0.60	81	0.106	2	2.26	0.011	0.14	0.2	0.05	3.9	0.3	<0.05	6	<0.5	<0.2
1069423	Soil	12	34	0.51	113	0.106	2	2.22	0.009	0.11	0.2	0.05	3.0	0.3	<0.05	7	<0.5	<0.2
1069425	Soil	13	38	0.62	116	0.083	1	2.28	0.009	0.16	0.1	0.05	3.7	0.4	<0.05	6	0.8	<0.2
1069406	Soil	14	33	0.59	83	0.114	2	2.05	0.011	0.24	0.1	0.05	3.2	0.4	<0.05	6	0.5	<0.2
1069402	Soil	15	33	0.54	86	0.059	3	1.92	0.010	0.19	0.1	0.06	3.6	0.4	<0.05	5	0.6	<0.2
1069404	Soil	13	32	0.55	87	0.087	1	1.86	0.010	0.18	0.1	0.05	3.2	0.3	<0.05	5	<0.5	<0.2
1069424	Soil	19	34	0.54	121	0.085	1	2.03	0.008	0.14	0.1	0.05	3.6	0.4	<0.05	6	0.5	<0.2
1069407	Soil	12	36	0.57	86	0.122	2	2.15	0.011	0.14	0.1	0.06	3.0	0.3	<0.05	7	<0.5	<0.2
1069408	Soil	14	37	0.62	98	0.154	2	2.20	0.011	0.22	0.1	0.04	3.4	0.5	<0.05	7	<0.5	<0.2
1069405	Soil	12	33	0.44	93	0.087	2	1.97	0.008	0.14	0.1	0.06	2.9	0.3	<0.05	6	0.6	<0.2
1069403	Soil	13	35	0.34	123	0.076	2	1.29	0.012	0.18	0.1	0.05	2.3	0.3	<0.05	6	0.6	<0.2
1069411	Soil	14	38	0.62	89	0.135	2	2.27	0.013	0.16	0.1	0.05	3.5	0.3	<0.05	6	<0.5	<0.2
1067688	Soil	18	32	0.47	131	0.076	3	1.57	0.015	0.08	<0.1	0.02	3.6	0.4	<0.05	5	<0.5	<0.2
1067689	Soil	19	24	0.32	90	0.051	2	1.61	0.008	0.10	<0.1	<0.01	2.0	0.3	<0.05	6	<0.5	<0.2
1069409	Soil	15	34	0.56	85	0.101	1	2.13	0.010	0.13	0.1	0.04	3.3	0.3	<0.05	6	<0.5	<0.2
1069412	Soil	14	36	0.60	85	0.122	3	2.27	0.011	0.16	0.1	0.06	3.3	0.3	<0.05	7	<0.5	<0.2
1069646	Soil	19	40	0.58	160	0.103	3	2.08	0.015	0.09	0.1	0.02	4.7	0.3	<0.05	5	<0.5	<0.2
1069647	Soil	12	37	0.40	140	0.083	2	2.82	0.014	0.06	<0.1	0.04	4.4	0.1	<0.05	7	<0.5	<0.2
1069401	Soil	6	14	0.11	114	0.033	2	0.49	0.016	0.10	<0.1	0.10	0.7	0.1	<0.05	3	<0.5	<0.2
1069638	Soil	14	41	0.65	160	0.137	2	2.21	0.012	0.18	0.1	0.03	4.0	0.3	<0.05	7	<0.5	<0.2
1067687	Soil	11	24	0.24	79	0.116	2	1.29	0.008	0.07	0.1	0.02	2.0	0.4	<0.05	11	<0.5	<0.2
1069640	Soil	12	35	0.36	81	0.080	2	2.02	0.009	0.10	0.1	0.03	2.7	0.2	<0.05	8	<0.5	<0.2
1069410	Soil	14	37	0.77	115	0.178	4	2.21	0.018	0.58	<0.1	0.02	3.7	0.6	<0.05	6	<0.5	<0.2
1069644	Soil	10	14	0.08	64	0.061	1	0.89	0.010	0.05	<0.1	0.03	1.1	0.2	<0.05	6	<0.5	<0.2
1069648	Soil	21	21	0.17	65	0.044	3	1.19	0.005	0.06	0.1	0.02	1.6	0.3	<0.05	6	<0.5	<0.2
1069649	Soil	14	30	0.17	95	0.038	3	1.07	0.010	0.08	0.1	0.05	1.5	0.2	<0.05	5	<0.5	<0.2

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

Project: ECH
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000530.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1067642	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1067649	Soil	1.3	19.4	12.3	39	0.4	16.5	12.3	1000	2.08	5.4	2.7	4.7	0.5	24	0.2	0.3	0.3	39	0.25	0.116
1069650	Soil	0.5	6.5	4.4	20	<0.1	3.6	2.5	98	1.26	3.5	0.3	1.0	0.7	7	<0.1	0.1	0.2	33	0.05	0.014
1069636	Soil	0.5	22.0	11.5	78	<0.1	28.6	11.4	271	3.26	4.9	1.4	1.1	7.0	18	<0.1	0.3	0.3	56	0.24	0.043
1069645	Soil	1.6	26.8	16.9	47	0.2	12.0	6.7	162	3.71	9.9	2.3	2.7	5.6	10	0.4	0.6	0.3	80	0.08	0.047
1069641	Soil	0.7	16.5	9.8	46	<0.1	23.4	12.5	321	3.53	11.7	0.8	1.5	5.6	15	<0.1	0.5	0.3	57	0.15	0.043
1069637	Soil	0.5	23.1	14.6	71	0.1	24.6	10.8	235	3.26	7.2	1.3	3.2	4.2	20	0.1	0.4	0.3	57	0.23	0.050
1069643	Soil	1.5	14.2	14.2	55	<0.1	15.9	7.7	377	3.00	14.7	1.3	1.6	4.7	13	0.2	0.5	0.5	61	0.12	0.041
1067648	Soil	0.8	17.4	13.6	72	0.1	19.4	11.1	464	3.12	8.7	1.7	1.8	2.6	20	0.2	0.4	0.6	52	0.22	0.062
1067640	Soil	0.6	26.4	9.7	73	<0.1	30.7	14.0	489	3.29	10.1	1.7	2.4	4.3	16	0.2	0.5	0.2	54	0.21	0.063
1067643	Soil	1.0	28.4	20.4	81	0.3	26.9	10.5	486	3.47	14.0	3.6	5.0	4.4	24	0.3	0.8	0.6	55	0.24	0.088
1069639	Soil	1.7	33.2	20.4	101	0.2	34.0	21.2	1354	5.20	18.8	3.2	4.2	12.9	33	0.2	0.5	0.8	86	0.30	0.091
1067650	Soil	0.5	24.0	11.6	74	0.1	25.6	11.1	257	3.34	7.6	1.5	1.1	4.4	16	0.1	0.3	0.3	52	0.17	0.047
1067647	Soil	1.4	31.0	11.0	47	0.4	17.3	28.8	2256	4.18	9.8	4.4	1.3	0.6	24	0.2	0.4	0.4	46	0.25	0.123
1067639	Soil	0.6	26.1	10.2	69	<0.1	28.2	12.9	448	3.14	10.3	1.7	<0.5	4.0	16	0.2	0.5	0.2	53	0.20	0.059
1069642	Soil	0.5	6.1	4.9	11	<0.1	4.1	1.5	46	0.71	2.0	0.7	<0.5	0.2	10	<0.1	<0.1	0.2	20	0.06	0.026
1069764	Soil	0.6	24.3	9.1	56	<0.1	27.3	11.5	410	2.89	9.9	1.4	11.2	3.6	16	0.2	0.5	0.4	58	0.19	0.032
1068259	Soil	0.8	20.0	10.8	52	<0.1	18.3	8.3	292	2.92	8.8	1.3	1.1	2.8	14	0.1	0.5	0.3	62	0.14	0.047
1068265	Soil	0.8	26.0	10.2	64	<0.1	31.4	13.7	507	3.44	8.0	1.5	2.4	2.7	14	<0.1	0.4	0.3	61	0.14	0.043
1068263	Soil	1.1	29.6	13.0	75	<0.1	28.7	12.2	661	3.57	7.3	1.5	1.5	2.8	14	0.2	0.4	0.5	55	0.12	0.057
1068264	Soil	0.9	28.2	14.1	71	<0.1	30.6	14.0	552	3.71	10.2	1.8	3.4	2.7	14	0.1	0.6	0.5	66	0.14	0.053
1069762	Soil	0.8	19.9	13.8	54	<0.1	19.3	7.9	309	2.95	8.9	3.3	1.4	2.2	13	<0.1	0.4	1.3	59	0.16	0.036
1068268	Soil	1.2	27.4	11.5	64	0.1	25.2	10.5	554	3.35	8.1	2.9	3.8	1.7	17	<0.1	0.4	0.7	61	0.15	0.052
1068267	Soil	0.8	26.5	18.3	69	<0.1	25.0	12.6	514	3.46	11.7	2.7	2.0	4.1	12	0.2	0.4	0.6	45	0.13	0.046
1069768	Soil	1.0	20.2	11.5	66	<0.1	21.4	10.3	510	3.09	8.0	2.6	1.3	10.1	19	0.1	0.4	0.4	51	0.24	0.054
1067394	Soil	0.6	19.7	8.1	66	<0.1	25.6	11.9	361	3.52	6.6	1.0	3.7	3.7	14	<0.1	0.4	0.4	57	0.15	0.027
1069769	Soil	0.8	18.4	9.2	56	<0.1	19.3	8.7	413	2.88	7.2	2.3	3.0	5.8	21	<0.1	0.3	0.4	57	0.25	0.050
1068266	Soil	0.9	28.7	11.2	64	<0.1	27.1	12.0	469	3.43	9.2	1.4	2.9	2.8	14	<0.1	0.5	0.3	61	0.14	0.044
1068261	Soil	0.7	26.0	7.8	57	<0.1	22.5	9.2	363	3.11	6.9	1.5	1.1	2.9	15	<0.1	0.4	0.3	57	0.17	0.044
1068271	Soil	0.7	28.5	9.5	60	<0.1	26.5	11.0	407	3.28	7.1	2.3	1.1	2.3	14	<0.1	0.5	0.3	57	0.12	0.038

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1067642	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1067649	Soil	14	28	0.22	154	0.044	1	1.15	0.022	0.09	0.1	0.13	3.2	0.3	<0.05	4	<0.5	<0.2
1069650	Soil	3	8	0.08	29	0.054	<1	0.60	0.019	0.03	<0.1	0.02	0.6	<0.1	<0.05	4	<0.5	<0.2
1069636	Soil	19	49	0.78	176	0.174	2	2.37	0.014	0.46	<0.1	0.02	4.2	0.4	<0.05	7	<0.5	<0.2
1069645	Soil	12	36	0.20	83	0.074	2	3.96	0.008	0.05	0.1	0.09	3.7	0.3	<0.05	8	<0.5	<0.2
1069641	Soil	9	35	0.45	105	0.072	2	2.70	0.011	0.11	0.1	0.02	3.3	0.2	0.05	5	<0.5	<0.2
1069637	Soil	13	43	0.72	196	0.151	2	2.17	0.011	0.32	<0.1	0.04	4.1	0.3	<0.05	6	<0.5	<0.2
1069643	Soil	12	27	0.29	101	0.044	1	1.54	0.008	0.08	0.1	0.02	2.2	0.2	<0.05	6	1.1	<0.2
1067648	Soil	12	34	0.48	161	0.072	1	1.69	0.011	0.17	0.2	0.03	3.0	0.2	0.07	6	<0.5	<0.2
1067640	Soil	14	29	0.50	122	0.096	1	1.85	0.011	0.17	<0.1	0.02	2.7	0.3	<0.05	5	0.8	<0.2
1067643	Soil	19	36	0.44	185	0.075	3	1.98	0.012	0.21	0.1	0.04	4.0	0.4	0.13	6	1.2	<0.2
1069639	Soil	42	62	0.76	319	0.067	2	3.73	0.012	0.32	0.2	0.07	7.9	0.9	0.06	10	0.8	<0.2
1067650	Soil	13	42	0.66	164	0.127	1	2.14	0.011	0.34	0.1	0.04	4.1	0.3	<0.05	7	0.7	<0.2
1067647	Soil	10	26	0.27	176	0.025	2	1.34	0.015	0.05	<0.1	0.03	2.5	0.2	0.11	4	0.9	<0.2
1067639	Soil	15	29	0.49	118	0.093	1	1.80	0.011	0.16	<0.1	0.01	2.6	0.3	<0.05	5	<0.5	<0.2
1069642	Soil	4	7	0.04	47	0.023	<1	0.50	0.015	0.03	<0.1	0.02	0.4	0.2	<0.05	2	<0.5	<0.2
1069764	Soil	10	32	0.59	122	0.086	3	2.20	0.014	0.09	0.1	0.02	3.9	0.1	<0.05	5	0.7	<0.2
1068259	Soil	11	28	0.40	86	0.073	1	2.04	0.010	0.09	0.1	0.05	3.1	0.1	<0.05	6	0.7	<0.2
1068265	Soil	9	38	0.68	113	0.103	2	2.10	0.010	0.18	<0.1	0.03	3.9	0.3	<0.05	6	1.1	<0.2
1068263	Soil	12	34	0.54	101	0.091	2	1.94	0.014	0.24	0.2	0.08	2.9	0.2	0.07	6	0.8	<0.2
1068264	Soil	14	39	0.66	105	0.099	3	2.49	0.011	0.18	1.5	0.04	3.8	0.3	<0.05	7	0.6	<0.2
1069762	Soil	10	32	0.49	90	0.069	2	2.22	0.009	0.09	0.1	0.03	2.9	0.2	<0.05	6	1.2	<0.2
1068268	Soil	9	33	0.50	118	0.096	2	1.80	0.011	0.21	0.1	0.08	2.8	0.2	0.05	7	0.9	<0.2
1068267	Soil	16	27	0.42	105	0.058	2	1.58	0.008	0.16	0.1	0.03	2.7	0.4	<0.05	4	0.9	<0.2
1069768	Soil	20	30	0.45	178	0.056	2	2.04	0.012	0.12	<0.1	0.02	3.9	0.2	<0.05	6	0.5	<0.2
1067394	Soil	11	37	0.70	100	0.150	1	2.00	0.010	0.31	0.1	0.03	3.3	0.4	<0.05	7	<0.5	<0.2
1069769	Soil	20	29	0.45	149	0.072	<1	1.92	0.012	0.11	0.1	0.02	3.9	0.2	<0.05	6	0.7	<0.2
1068266	Soil	13	34	0.64	99	0.104	3	2.33	0.012	0.19	<0.1	0.05	3.4	0.3	<0.05	7	0.7	<0.2
1068261	Soil	11	33	0.63	107	0.119	2	2.05	0.012	0.25	<0.1	0.04	3.5	0.2	<0.05	6	0.6	<0.2
1068271	Soil	11	31	0.61	87	0.109	1	2.12	0.011	0.23	<0.1	0.05	3.1	0.3	<0.05	6	0.7	<0.2

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600 - 666 Burrard St.
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Project: ECH
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000530.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1067398	Soil	0.7	13.8	19.4	78	<0.1	18.0	8.8	874	3.05	3.3	3.8	1.1	10.1	6	<0.1	0.1	0.8	33	0.06	0.030
1067393	Soil	0.9	21.3	9.1	54	<0.1	22.4	8.8	326	2.79	6.5	1.4	1.8	3.0	12	<0.1	0.4	0.2	51	0.13	0.041
1068251	Soil	0.6	21.8	7.9	56	<0.1	23.8	9.8	317	2.72	7.3	0.9	2.5	4.2	13	<0.1	0.4	0.2	54	0.15	0.034
1068252	Soil	0.7	18.4	10.2	62	<0.1	18.4	7.5	285	3.52	6.3	3.0	1.9	8.2	15	<0.1	0.3	0.5	71	0.22	0.068
1069780	Soil	0.8	30.7	10.8	75	<0.1	38.9	17.3	442	3.66	9.9	1.9	1.6	5.9	12	<0.1	0.4	0.3	60	0.12	0.028
1068262	Soil	0.9	26.5	9.2	64	<0.1	26.9	12.2	489	3.28	6.9	1.2	2.3	3.7	14	<0.1	0.4	0.2	58	0.15	0.043
1069763	Soil	0.9	16.1	15.4	55	<0.1	19.8	9.3	363	3.31	8.9	1.6	2.0	3.6	11	0.2	0.5	1.2	64	0.13	0.032
1068254	Soil	1.5	14.3	7.4	49	0.1	9.6	4.1	294	1.46	4.0	0.9	2.8	0.2	29	0.2	0.5	0.3	49	0.29	0.091
1068258	Soil	0.7	21.3	10.8	57	<0.1	21.7	8.6	336	2.95	7.4	2.2	<0.5	4.2	12	<0.1	0.6	0.3	52	0.16	0.046
1069766	Soil	1.4	26.8	22.5	93	<0.1	29.1	15.1	712	4.43	9.8	4.6	3.0	9.6	19	0.2	0.5	0.7	74	0.22	0.059
1068255	Soil	0.6	17.6	9.9	56	<0.1	16.9	7.8	337	2.67	5.5	3.4	2.6	4.7	10	<0.1	0.4	0.5	53	0.12	0.034
1067400	Soil	0.6	21.2	8.1	54	<0.1	24.4	12.8	471	2.77	7.1	0.9	1.9	3.9	13	0.1	0.5	0.2	57	0.14	0.029
1069774	Soil	1.1	22.0	13.9	47	<0.1	18.7	8.1	303	3.31	5.3	0.9	1.5	2.5	9	<0.1	0.4	0.7	62	0.09	0.029
1068260	Soil	0.6	23.8	8.8	56	<0.1	21.5	9.0	367	2.85	6.4	2.3	2.2	2.7	10	0.1	0.5	0.4	54	0.11	0.036
1068253	Soil	0.5	17.0	7.8	58	<0.1	21.8	10.1	429	2.69	6.2	1.6	2.8	4.5	13	0.1	0.4	0.3	55	0.17	0.033
1068257	Soil	1.2	29.0	16.2	88	<0.1	26.3	11.9	471	3.57	7.3	4.1	1.3	11.3	8	<0.1	1.2	1.4	44	0.15	0.059
1067396	Soil	0.8	24.5	14.9	63	<0.1	24.1	10.9	442	3.31	9.1	2.5	2.5	5.1	11	<0.1	0.5	0.5	51	0.13	0.041
1069772	Soil	0.9	28.9	13.8	73	<0.1	29.8	12.3	455	3.64	7.6	1.3	3.8	4.2	16	0.1	0.5	0.4	57	0.17	0.037
1069758	Soil	0.8	23.5	11.4	62	<0.1	24.3	10.5	433	3.24	8.8	3.8	2.6	3.1	13	0.1	0.5	1.2	63	0.15	0.036
1069752	Soil	0.7	35.2	20.2	82	<0.1	32.6	15.6	585	3.86	20.2	3.3	2.3	5.9	11	<0.1	1.9	0.6	55	0.09	0.028
1069751	Soil	0.8	31.7	12.5	69	<0.1	27.5	11.0	368	3.52	6.5	3.4	2.8	3.2	12	<0.1	0.5	0.6	57	0.13	0.038
1069781	Soil	0.8	28.8	9.7	65	<0.1	31.3	14.3	443	3.40	8.2	2.5	4.6	5.0	19	<0.1	0.4	0.3	62	0.22	0.031
1069765	Soil	1.0	20.7	11.6	62	<0.1	22.3	9.8	371	3.03	7.4	2.3	2.5	5.0	15	0.2	0.5	0.5	57	0.16	0.036
1069770	Soil	0.9	14.6	9.3	58	<0.1	17.3	7.4	247	2.91	5.7	1.5	2.5	5.5	18	0.1	0.3	0.4	58	0.24	0.050
1069771	Soil	0.9	36.5	15.5	90	<0.1	31.6	14.2	516	4.27	4.8	2.0	2.8	4.9	16	0.1	0.4	0.6	58	0.16	0.033
1069761	Soil	0.8	21.8	20.2	60	0.1	21.0	10.0	432	2.91	8.5	6.3	12.2	2.9	13	0.2	0.5	1.7	56	0.14	0.046
1069779	Soil	0.7	26.1	10.1	71	<0.1	29.9	11.8	429	3.40	8.4	2.7	2.1	5.2	15	0.2	0.5	0.2	55	0.17	0.036
1069755	Soil	0.7	33.8	11.2	71	0.1	29.9	13.5	492	3.52	8.5	9.9	4.9	3.7	14	0.1	0.5	0.6	65	0.14	0.042
1068256	Soil	1.4	28.4	17.6	88	<0.1	27.0	12.3	519	3.69	7.4	3.9	1.3	10.7	8	0.1	1.2	1.7	45	0.15	0.058
1069782	Soil	0.8	32.5	9.9	75	<0.1	30.7	12.7	429	3.33	8.0	2.2	5.4	4.9	23	0.1	0.5	0.2	59	0.25	0.046

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Project: ECH
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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1067398	Soil	26	39	0.31	104	0.007	<1	1.48	0.006	0.16	<0.1	0.02	6.7	0.4	<0.05	3	0.7	<0.2
1067393	Soil	11	31	0.51	82	0.089	2	1.92	0.011	0.16	<0.1	0.03	3.0	0.2	<0.05	6	<0.5	<0.2
1068251	Soil	9	29	0.52	92	0.092	2	2.18	0.013	0.11	0.2	0.03	3.7	0.2	<0.05	6	<0.5	<0.2
1068252	Soil	15	33	0.53	130	0.125	1	2.25	0.010	0.21	0.2	0.04	6.4	0.4	<0.05	7	0.5	<0.2
1069780	Soil	14	37	0.59	116	0.130	1	2.42	0.010	0.30	0.1	0.03	3.3	0.4	<0.05	7	<0.5	<0.2
1068262	Soil	13	35	0.78	116	0.128	2	2.31	0.014	0.32	<0.1	0.03	3.7	0.3	<0.05	7	<0.5	<0.2
1069763	Soil	11	31	0.43	92	0.075	1	2.13	0.009	0.08	0.1	0.04	3.2	0.2	<0.05	7	0.5	<0.2
1068254	Soil	5	15	0.12	166	0.030	3	0.72	0.014	0.07	0.1	0.15	0.9	0.2	0.14	5	<0.5	<0.2
1068258	Soil	13	31	0.49	85	0.090	2	1.94	0.010	0.15	0.1	0.04	2.8	0.4	<0.05	6	0.8	<0.2
1069766	Soil	25	43	0.64	179	0.080	<1	2.70	0.022	0.19	0.4	0.04	4.8	0.5	<0.05	8	<0.5	<0.2
1068255	Soil	12	25	0.46	74	0.092	2	1.85	0.009	0.13	0.2	0.03	4.1	0.2	<0.05	6	<0.5	<0.2
1067400	Soil	9	30	0.55	102	0.098	2	2.14	0.011	0.10	0.2	0.03	3.7	0.2	<0.05	5	0.8	<0.2
1069774	Soil	9	27	0.38	69	0.112	<1	1.52	0.007	0.18	<0.1	0.05	2.0	0.2	<0.05	7	<0.5	<0.2
1068260	Soil	11	29	0.54	68	0.103	1	1.85	0.007	0.15	0.1	0.05	2.8	0.2	<0.05	6	0.9	<0.2
1068253	Soil	9	27	0.55	96	0.101	2	1.92	0.012	0.11	0.2	0.03	3.6	0.2	<0.05	5	<0.5	<0.2
1068257	Soil	20	31	0.60	92	0.128	<1	1.90	0.009	0.51	0.1	0.01	4.1	1.0	<0.05	6	0.6	<0.2
1067396	Soil	17	30	0.51	89	0.084	1	1.82	0.009	0.14	0.1	0.04	3.4	0.3	<0.05	5	0.6	<0.2
1069772	Soil	10	35	0.61	105	0.095	1	2.14	0.010	0.22	0.1	0.03	3.3	0.5	<0.05	6	0.7	<0.2
1069758	Soil	10	33	0.60	101	0.091	1	2.16	0.010	0.12	0.3	0.04	3.2	0.2	<0.05	6	0.7	<0.2
1069752	Soil	17	34	0.52	93	0.068	1	1.79	0.008	0.16	0.1	0.02	5.4	0.5	<0.05	5	0.7	<0.2
1069751	Soil	14	33	0.58	101	0.112	1	2.13	0.010	0.23	0.1	0.05	3.5	0.7	<0.05	6	<0.5	<0.2
1069781	Soil	18	36	0.64	157	0.120	1	2.20	0.013	0.17	0.1	0.02	4.2	0.3	<0.05	6	0.7	<0.2
1069765	Soil	15	30	0.55	109	0.080	1	2.00	0.010	0.11	0.2	0.02	3.3	0.3	<0.05	6	0.6	<0.2
1069770	Soil	14	29	0.54	113	0.083	1	2.00	0.010	0.11	0.2	0.03	3.0	0.3	<0.05	6	0.6	<0.2
1069771	Soil	15	39	0.71	135	0.146	1	2.05	0.013	0.39	0.1	0.02	4.0	0.8	<0.05	7	0.6	<0.2
1069761	Soil	10	31	0.51	94	0.071	1	2.33	0.011	0.09	0.1	0.06	3.1	0.2	<0.05	5	0.9	<0.2
1069779	Soil	15	33	0.62	123	0.112	1	2.05	0.011	0.21	0.1	0.02	3.3	0.5	<0.05	6	<0.5	<0.2
1069755	Soil	15	38	0.70	114	0.119	2	2.46	0.012	0.22	0.1	0.05	4.3	0.4	<0.05	6	0.8	<0.2
1068256	Soil	20	34	0.59	96	0.133	<1	1.88	0.010	0.57	0.1	0.02	4.4	1.0	<0.05	6	0.5	<0.2
1069782	Soil	18	38	0.70	181	0.125	1	2.11	0.014	0.19	0.1	0.02	4.7	0.3	<0.05	6	0.6	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1069754	Soil	1.3	25.5	10.7	61	<0.1	21.6	9.6	533	3.79	8.4	2.3	4.7	1.7	11	0.2	0.6	0.7	74	0.09	0.042
1069757	Soil	0.7	28.4	10.7	77	<0.1	27.4	11.8	418	3.21	7.7	5.3	2.8	4.2	14	0.1	0.5	1.6	56	0.14	0.036
1069773	Soil	1.4	15.6	14.4	36	0.1	13.3	4.9	169	2.93	7.9	0.9	2.7	2.6	13	0.2	0.5	1.2	80	0.11	0.025
1069767	Soil	1.2	16.7	9.9	48	<0.1	16.7	7.0	280	2.60	7.1	1.6	2.5	3.6	15	0.1	0.5	0.4	59	0.16	0.040
1067646	Soil	0.7	19.6	14.1	72	0.1	20.8	10.6	353	3.12	6.1	2.1	1.4	4.1	20	0.2	0.5	0.4	52	0.25	0.059
1067637	Soil	0.8	28.3	11.6	74	<0.1	30.2	12.9	505	3.33	6.8	2.1	2.2	3.4	17	0.2	0.5	0.3	59	0.22	0.061
1067641	Soil	0.4	5.4	3.7	16	<0.1	3.1	1.9	53	0.90	1.6	0.3	0.7	0.2	7	<0.1	0.1	0.1	25	0.05	0.018
1067638	Soil	0.8	16.6	11.5	59	<0.1	20.4	7.6	284	3.09	8.0	0.8	1.1	3.4	18	0.3	0.5	0.3	66	0.19	0.041
1067645	Soil	0.7	21.0	16.2	77	<0.1	23.7	9.1	351	3.14	7.0	2.2	1.9	4.1	17	0.2	0.5	0.4	52	0.22	0.057
1067636	Soil	1.2	31.8	19.8	88	<0.1	30.1	14.5	578	4.42	6.1	2.3	<0.5	6.0	7	0.1	0.4	0.5	49	0.07	0.042
1067644	Soil	1.0	19.8	12.9	60	0.2	18.9	6.6	290	2.53	7.1	2.5	1.2	1.4	20	0.3	0.5	0.4	49	0.21	0.058
1069759	Soil	1.0	16.0	15.7	60	<0.1	19.8	8.2	415	2.96	6.9	2.5	3.5	2.5	12	0.3	0.5	1.4	58	0.13	0.039
1069775	Soil	1.4	23.1	12.3	59	<0.1	27.4	12.6	371	3.85	9.0	0.8	1.2	3.5	13	0.2	0.5	0.5	75	0.12	0.037
1069756	Soil	0.8	27.6	11.5	75	<0.1	31.9	13.7	439	3.50	6.7	2.8	2.3	4.3	14	0.2	0.5	0.8	66	0.14	0.032
1069777	Soil	1.0	28.9	20.8	89	<0.1	30.8	12.7	472	4.21	6.9	3.0	2.1	7.4	8	<0.1	0.4	0.7	44	0.06	0.038
1069778	Soil	0.7	23.2	9.3	71	<0.1	33.5	15.6	451	3.70	6.1	1.7	3.7	6.4	12	0.2	0.3	0.4	61	0.12	0.029
1069760	Soil	0.8	17.8	10.2	50	<0.1	22.1	9.2	289	2.93	9.3	1.1	1.6	2.4	13	0.2	0.5	0.5	59	0.15	0.048
1069753	Soil	1.0	23.0	11.0	60	<0.1	22.3	9.4	384	3.09	8.3	2.2	3.7	2.7	13	0.1	0.7	0.4	59	0.14	0.042
1069783	Soil	1.0	15.9	10.7	55	<0.1	15.4	8.0	391	3.27	8.1	0.8	2.9	4.3	17	<0.1	0.5	0.4	74	0.15	0.032
1069776	Soil	0.9	24.4	10.9	58	<0.1	28.6	15.4	420	3.19	9.4	0.9	3.9	3.7	12	0.2	0.5	0.3	60	0.12	0.032

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

Project: ECH
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000530.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1069754	Soil	10	34	0.48	88	0.119	2	1.79	0.008	0.16	0.1	0.05	2.6	0.3	<0.05	8	0.8	<0.2
1069757	Soil	12	36	0.65	98	0.141	<1	2.12	0.012	0.31	0.2	0.03	3.5	0.4	<0.05	6	<0.5	<0.2
1069773	Soil	10	21	0.21	98	0.055	<1	1.48	0.005	0.07	0.1	0.04	1.6	0.2	<0.05	8	0.6	<0.2
1069767	Soil	11	25	0.38	100	0.075	1	1.70	0.009	0.09	0.1	0.04	2.4	0.2	0.06	6	0.6	<0.2
1067646	Soil	14	33	0.55	143	0.106	1	1.81	0.012	0.16	0.1	0.04	3.3	0.3	<0.05	6	0.6	<0.2
1067637	Soil	16	28	0.52	121	0.080	2	1.85	0.011	0.11	0.1	0.03	2.7	0.2	0.07	5	0.7	<0.2
1067641	Soil	3	7	0.07	26	0.037	<1	0.40	0.012	0.02	<0.1	<0.01	0.5	<0.1	<0.05	3	0.6	<0.2
1067638	Soil	11	28	0.54	97	0.115	2	1.58	0.008	0.10	0.1	0.02	2.2	0.2	0.07	6	0.6	<0.2
1067645	Soil	13	34	0.60	113	0.091	<1	1.95	0.009	0.17	0.1	0.02	2.9	0.4	<0.05	6	0.8	<0.2
1067636	Soil	19	29	0.44	68	0.039	2	1.92	0.007	0.12	<0.1	0.05	2.4	0.2	<0.05	5	<0.5	<0.2
1067644	Soil	15	25	0.35	155	0.057	1	1.56	0.011	0.12	0.1	0.04	2.6	0.3	0.11	5	0.7	<0.2
1069759	Soil	9	29	0.46	103	0.089	1	1.65	0.008	0.12	0.3	0.05	2.2	0.3	0.10	6	0.8	<0.2
1069775	Soil	10	39	0.54	108	0.128	2	2.77	0.008	0.20	0.1	0.06	3.2	0.3	0.07	7	0.7	<0.2
1069756	Soil	12	40	0.72	110	0.151	<1	2.48	0.013	0.31	0.8	0.03	3.7	0.4	0.09	7	0.8	<0.2
1069777	Soil	20	26	0.36	90	0.037	1	1.92	0.006	0.21	<0.1	0.04	2.6	0.6	<0.05	5	0.9	<0.2
1069778	Soil	14	38	0.62	107	0.155	2	2.53	0.011	0.30	0.1	0.03	2.8	0.5	<0.05	7	<0.5	<0.2
1069760	Soil	8	32	0.50	89	0.083	1	2.70	0.009	0.06	0.2	0.06	2.7	0.2	<0.05	6	0.6	<0.2
1069753	Soil	12	33	0.57	87	0.092	2	2.04	0.012	0.13	0.1	0.05	2.9	0.3	<0.05	6	<0.5	<0.2
1069783	Soil	12	28	0.36	142	0.087	<1	2.21	0.010	0.10	0.1	0.02	2.2	0.2	<0.05	9	<0.5	<0.2
1069776	Soil	9	39	0.59	112	0.111	1	2.68	0.012	0.17	0.2	0.04	3.5	0.2	<0.05	6	0.6	<0.2

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Vancouver BC V6C 1H2 Canada

Project: ECH
Report Date: July 19, 2011

QUALITY CONTROL REPORT WHI11000530.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1067632	Soil	2.2	28.2	18.9	10	0.2	1.5	0.5	15	2.01	7.4	1.5	2.1	24.2	22	<0.1	<0.1	1.2	4	0.02	0.032
REP 1067632	QC	2.2	29.8	19.0	11	0.2	1.5	0.5	15	1.99	7.4	1.7	<0.5	24.1	23	<0.1	<0.1	1.3	5	0.01	0.033
1067373	Soil	0.7	22.9	9.8	70	<0.1	26.1	12.1	489	2.92	5.8	3.1	0.8	4.6	19	0.4	0.5	0.2	60	0.29	0.086
REP 1067373	QC	0.8	21.8	10.0	68	<0.1	26.4	11.7	469	2.92	6.1	3.2	5.1	4.7	20	0.4	0.4	0.2	60	0.29	0.086
1067352	Soil	0.7	23.3	7.4	62	<0.1	24.9	11.4	426	2.54	6.3	2.0	2.5	4.0	19	0.2	0.4	0.3	60	0.28	0.077
REP 1067352	QC	0.7	23.8	7.6	64	<0.1	26.7	11.4	434	2.65	6.5	2.0	2.8	4.3	20	0.1	0.5	0.3	61	0.30	0.088
1069245	Soil	0.8	23.7	11.1	63	0.1	22.5	13.3	438	2.69	4.5	3.2	1.1	3.1	23	<0.1	0.3	0.4	56	0.26	0.055
REP 1069245	QC	0.8	23.6	11.0	67	0.1	22.8	13.6	453	2.68	5.1	3.4	1.7	3.2	23	0.1	0.3	0.5	58	0.26	0.055
1067477	Soil	1.5	20.2	12.4	63	<0.1	24.1	11.0	324	3.80	8.3	2.3	1.3	15.1	14	0.2	0.5	0.2	68	0.14	0.037
REP 1067477	QC	1.5	20.2	12.1	63	<0.1	24.2	10.9	320	3.79	8.3	2.2	1.3	15.0	14	<0.1	0.5	0.2	67	0.14	0.034
1067494	Soil	1.2	13.4	22.6	52	<0.1	13.4	6.1	531	2.27	5.8	2.1	1.7	27.2	68	<0.1	0.5	0.2	22	0.33	0.075
REP 1067494	QC	1.1	13.3	22.7	51	<0.1	13.2	5.9	521	2.26	5.7	2.1	1.5	27.0	67	0.1	0.4	0.2	22	0.33	0.078
1067625	Soil	0.5	35.2	7.8	77	<0.1	69.8	30.1	731	6.13	2.1	0.5	<0.5	2.7	19	<0.1	0.2	0.4	138	0.20	0.015
REP 1067625	QC	0.5	34.3	7.6	78	<0.1	71.2	30.9	748	6.18	2.5	0.6	<0.5	2.7	19	<0.1	0.2	0.4	139	0.21	0.015
1067483	Soil	1.5	18.5	12.2	60	<0.1	26.2	13.7	330	3.48	9.0	1.7	<0.5	12.7	15	0.2	0.4	0.4	63	0.16	0.037
REP 1067483	QC	1.2	19.4	12.2	63	<0.1	26.5	14.1	344	3.72	9.0	1.7	1.3	12.9	15	0.2	0.5	0.4	64	0.16	0.037
1066577	Soil	0.9	23.4	15.4	58	<0.1	29.9	14.0	352	3.75	10.3	1.1	13.7	7.4	12	0.2	0.6	0.3	57	0.13	0.033
REP 1066577	QC	0.8	23.3	15.0	56	<0.1	30.6	13.7	334	3.58	9.8	1.0	0.6	7.1	11	0.1	0.6	0.3	54	0.12	0.032
1066558	Soil	1.0	18.1	8.9	44	<0.1	22.4	9.0	245	3.62	8.2	0.8	<0.5	3.5	15	<0.1	0.3	0.2	69	0.16	0.030
REP 1066558	QC	1.1	19.2	9.7	47	<0.1	23.4	9.1	254	3.71	8.7	0.8	1.2	3.6	16	0.1	0.4	0.2	71	0.15	0.033
1035877	Soil	27.2	125.8	94.6	357	1.2	119.8	23.1	1137	4.29	2.5	2.5	<0.5	12.6	66	5.2	1.2	0.7	63	0.63	0.288
REP 1035877	QC	28.1	126.3	95.6	352	1.2	117.8	23.6	1161	4.23	2.6	2.4	1.4	12.7	67	5.6	1.3	0.7	62	0.65	0.285
1069435	Soil	0.9	25.2	17.6	76	<0.1	31.5	13.3	361	3.72	10.8	1.9	1.5	6.6	12	0.1	0.5	0.3	60	0.12	0.032
REP 1069435	QC	1.1	26.4	18.5	76	<0.1	31.8	13.1	372	3.78	10.8	2.0	3.0	6.8	12	0.2	0.5	0.4	60	0.11	0.032
1069408	Soil	1.2	32.2	11.6	65	<0.1	28.6	12.3	361	3.87	8.4	4.7	3.1	4.8	15	0.2	0.5	0.6	71	0.16	0.037
REP 1069408	QC	1.2	31.4	11.5	62	<0.1	29.0	12.3	367	4.06	7.9	4.6	2.7	4.6	15	0.2	0.5	0.5	70	0.15	0.035
1069648	Soil	1.4	10.9	9.8	58	<0.1	10.9	5.0	179	2.98	11.7	2.2	<0.5	9.0	9	0.1	0.6	0.6	57	0.10	0.036
REP 1069648	QC	1.3	11.0	10.0	61	<0.1	12.3	5.1	184	3.12	11.5	2.3	1.7	9.1	9	<0.1	0.5	0.6	57	0.09	0.038

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Project: ECH
Report Date: July 19, 2011

QUALITY CONTROL REPORT WHI11000530.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1067632	Soil	51	3	0.07	136	0.006	<1	0.37	0.008	0.12	<0.1	0.02	0.3	<0.1	0.18	1	<0.5	<0.2
REP 1067632	QC	54	4	0.07	141	0.006	<1	0.39	0.008	0.12	<0.1	0.02	0.4	<0.1	0.19	1	<0.5	<0.2
1067373	Soil	13	30	0.57	160	0.102	<1	1.85	0.015	0.12	0.3	0.03	3.7	0.2	<0.05	6	<0.5	<0.2
REP 1067373	QC	14	29	0.59	157	0.099	2	1.86	0.017	0.12	0.2	0.03	3.6	0.2	<0.05	6	<0.5	<0.2
1067352	Soil	14	30	0.51	102	0.112	1	1.97	0.017	0.10	0.3	0.04	3.2	0.1	<0.05	5	<0.5	<0.2
REP 1067352	QC	14	31	0.53	104	0.114	<1	2.16	0.017	0.10	0.3	0.04	3.4	0.1	<0.05	5	<0.5	<0.2
1069245	Soil	15	35	0.57	156	0.137	<1	1.80	0.014	0.21	0.1	0.04	4.1	0.2	<0.05	6	<0.5	<0.2
REP 1069245	QC	16	35	0.57	164	0.139	<1	1.84	0.014	0.20	0.1	0.04	3.9	0.3	<0.05	6	<0.5	<0.2
1067477	Soil	14	35	0.41	117	0.050	3	2.25	0.011	0.09	0.1	0.03	4.6	0.2	<0.05	6	<0.5	<0.2
REP 1067477	QC	15	35	0.40	120	0.051	2	2.20	0.010	0.09	0.1	0.03	4.5	0.2	<0.05	6	<0.5	<0.2
1067494	Soil	37	14	0.18	135	0.004	1	0.72	0.006	0.10	<0.1	0.02	4.9	0.2	<0.05	2	<0.5	<0.2
REP 1067494	QC	36	13	0.18	130	0.004	2	0.72	0.006	0.09	<0.1	0.02	4.8	0.2	<0.05	2	<0.5	<0.2
1067625	Soil	10	188	3.88	301	0.169	<1	4.47	0.006	0.56	<0.1	<0.01	6.0	0.4	<0.05	9	<0.5	<0.2
REP 1067625	QC	10	190	3.80	301	0.173	2	4.65	0.006	0.57	0.1	<0.01	5.9	0.5	<0.05	10	<0.5	<0.2
1067483	Soil	12	37	0.44	151	0.043	1	2.44	0.010	0.08	0.1	0.03	3.6	0.1	<0.05	6	<0.5	<0.2
REP 1067483	QC	13	38	0.45	153	0.042	2	2.43	0.011	0.08	0.1	<0.01	3.6	0.2	<0.05	6	<0.5	<0.2
1066577	Soil	14	39	0.47	116	0.057	1	2.58	0.009	0.10	0.2	0.02	3.4	0.3	0.06	6	0.6	<0.2
REP 1066577	QC	14	37	0.44	113	0.057	2	2.54	0.009	0.10	0.2	0.02	3.2	0.2	<0.05	5	<0.5	<0.2
1066558	Soil	12	35	0.53	117	0.105	<1	2.00	0.012	0.16	<0.1	0.03	2.8	0.3	<0.05	8	<0.5	<0.2
REP 1066558	QC	13	36	0.53	127	0.110	1	2.07	0.014	0.17	<0.1	0.02	2.8	0.3	<0.05	8	<0.5	<0.2
1035877	Soil	52	36	1.34	160	0.027	1	1.47	0.005	0.16	0.7	0.16	3.1	0.7	0.12	4	4.7	0.2
REP 1035877	QC	53	36	1.32	170	0.029	1	1.44	0.005	0.17	0.8	0.15	3.3	0.7	0.13	4	5.0	<0.2
1069435	Soil	16	37	0.51	120	0.045	3	2.56	0.009	0.10	0.1	0.02	3.9	0.3	<0.05	6	<0.5	<0.2
REP 1069435	QC	16	37	0.51	120	0.045	3	2.39	0.009	0.10	<0.1	0.03	3.9	0.3	<0.05	6	<0.5	<0.2
1069408	Soil	14	37	0.62	98	0.154	2	2.20	0.011	0.22	0.1	0.04	3.4	0.5	<0.05	7	<0.5	<0.2
REP 1069408	QC	13	37	0.60	97	0.152	3	2.12	0.011	0.22	0.1	0.05	3.3	0.5	<0.05	7	0.6	<0.2
1069648	Soil	21	21	0.17	65	0.044	3	1.19	0.005	0.06	0.1	0.02	1.6	0.3	<0.05	6	<0.5	<0.2
REP 1069648	QC	21	23	0.18	67	0.045	3	1.18	0.006	0.06	0.1	0.03	1.7	0.3	<0.05	6	<0.5	<0.2

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

Project: ECH
Report Date: July 19, 2011

QUALITY CONTROL REPORT WHI11000530.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1069762	Soil	0.8	19.9	13.8	54	<0.1	19.3	7.9	309	2.95	8.9	3.3	1.4	2.2	13	<0.1	0.4	1.3	59	0.16	0.036
REP 1069762	QC	0.7	19.3	13.5	53	<0.1	19.5	7.8	299	2.84	8.3	3.2	6.1	2.1	12	0.1	0.4	1.3	55	0.13	0.035
1068267	Soil	0.8	26.5	18.3	69	<0.1	25.0	12.6	514	3.46	11.7	2.7	2.0	4.1	12	0.2	0.4	0.6	45	0.13	0.046
REP 1068267	QC	0.7	27.2	19.2	70	<0.1	26.3	12.2	502	3.38	11.7	2.9	2.0	4.0	12	0.2	0.4	0.7	42	0.13	0.048
1068257	Soil	1.2	29.0	16.2	88	<0.1	26.3	11.9	471	3.57	7.3	4.1	1.3	11.3	8	<0.1	1.2	1.4	44	0.15	0.059
REP 1068257	QC	1.3	27.9	15.9	89	<0.1	26.8	11.4	471	3.57	7.3	4.1	2.2	11.0	8	0.1	1.2	1.7	44	0.16	0.057
1069773	Soil	1.4	15.6	14.4	36	0.1	13.3	4.9	169	2.93	7.9	0.9	2.7	2.6	13	0.2	0.5	1.2	80	0.11	0.025
REP 1069773	QC	1.2	15.5	14.4	39	0.1	13.2	5.0	166	2.86	7.9	1.0	3.5	2.7	14	0.2	0.5	1.3	81	0.12	0.025
1069776	Soil	0.9	24.4	10.9	58	<0.1	28.6	15.4	420	3.19	9.4	0.9	3.9	3.7	12	0.2	0.5	0.3	60	0.12	0.032
REP 1069776	QC	1.0	23.4	10.7	58	<0.1	27.5	15.7	419	3.20	9.7	0.9	5.0	3.7	11	0.2	0.6	0.3	60	0.12	0.032
Reference Materials																					
STD DS8	Standard	13.2	114.5	126.5	323	1.8	40.3	8.0	663	2.59	27.8	2.7	127.4	6.7	74	2.5	6.2	7.2	43	0.68	0.084
STD DS8	Standard	12.9	111.5	122.0	316	1.8	38.4	7.4	628	2.43	27.5	2.8	110.3	6.5	72	2.3	6.0	7.0	41	0.69	0.078
STD DS8	Standard	13.0	112.8	130.8	306	1.7	36.7	7.9	582	2.36	25.8	3.1	105.5	7.4	65	2.3	5.5	7.2	43	0.64	0.076
STD DS8	Standard	14.6	115.6	127.5	314	1.8	38.8	7.9	627	2.40	27.8	3.1	108.9	7.8	66	2.4	5.7	6.9	43	0.69	0.080
STD DS8	Standard	13.5	117.5	117.7	317	1.8	38.6	8.0	590	2.41	25.5	2.8	126.7	6.9	67	2.3	5.5	6.4	44	0.67	0.073
STD DS8	Standard	13.5	114.7	115.5	307	1.8	39.4	8.1	592	2.45	26.6	2.8	108.2	7.2	64	2.2	5.6	6.3	44	0.71	0.076
STD DS8	Standard	13.2	117.1	121.0	329	1.8	39.6	8.0	638	2.51	26.6	2.8	113.4	6.9	66	2.4	5.8	6.4	45	0.70	0.078
STD DS8	Standard	14.9	117.4	122.9	327	1.9	40.6	8.0	622	2.47	27.2	3.0	101.5	7.2	69	2.3	5.8	6.6	44	0.71	0.082
STD DS8	Standard	13.1	108.3	126.8	326	1.9	38.7	7.5	597	2.45	26.1	2.8	111.2	6.9	72	2.3	5.9	6.8	43	0.73	0.080
STD DS8	Standard	13.2	108.6	121.0	332	1.8	38.4	7.5	633	2.57	26.3	2.7	112.5	6.9	73	2.6	5.9	6.5	42	0.69	0.081
STD DS8	Standard	13.1	110.6	126.9	316	1.8	39.0	7.6	647	2.80	28.9	2.6	119.1	6.6	65	2.5	5.8	6.4	43	0.68	0.084
STD DS8	Standard	14.0	112.7	127.0	328	1.8	40.3	7.6	646	2.78	28.0	2.7	126.1	7.0	65	2.5	5.6	6.3	45	0.71	0.081
STD DS8	Standard	11.8	108.7	124.3	320	1.7	36.6	7.3	590	2.42	25.1	2.7	107.2	6.7	70	2.4	5.7	6.8	38	0.66	0.079
STD DS8	Standard	13.6	110.1	119.1	335	1.8	37.8	7.2	612	2.51	25.8	2.6	109.4	6.5	70	2.6	6.0	6.4	42	0.67	0.077
STD DS8	Standard	12.8	111.7	122.1	303	1.6	37.7	7.6	627	2.52	30.5	2.6	88.9	6.3	74	2.5	5.6	6.2	41	0.68	0.086
STD DS8	Standard	12.1	103.3	116.1	297	1.5	35.6	7.2	593	2.35	27.8	2.7	91.1	6.4	68	2.3	5.2	5.7	39	0.65	0.077
STD DS8	Standard	14.6	120.3	133.7	315	1.8	41.2	8.3	641	2.56	28.2	2.9	112.0	7.3	67	2.3	5.2	6.5	46	0.75	0.085
STD DS8	Standard	14.3	118.1	130.8	312	1.8	39.9	7.9	634	2.50	28.5	3.0	119.9	7.3	69	2.2	5.3	6.4	45	0.75	0.083

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

Project: ECH
Report Date: July 19, 2011

QUALITY CONTROL REPORT WHI11000530.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1069762	Soil	10	32	0.49	90	0.069	2	2.22	0.009	0.09	0.1	0.03	2.9	0.2	<0.05	6	1.2	<0.2
REP 1069762	QC	10	31	0.45	88	0.061	1	2.16	0.009	0.08	0.2	0.04	2.7	0.2	<0.05	6	0.7	<0.2
1068267	Soil	16	27	0.42	105	0.058	2	1.58	0.008	0.16	0.1	0.03	2.7	0.4	<0.05	4	0.9	<0.2
REP 1068267	QC	16	26	0.42	107	0.060	1	1.61	0.008	0.16	0.1	0.02	2.6	0.4	<0.05	5	0.7	<0.2
1068257	Soil	20	31	0.60	92	0.128	<1	1.90	0.009	0.51	0.1	0.01	4.1	1.0	<0.05	6	0.6	<0.2
REP 1068257	QC	20	33	0.59	91	0.132	<1	1.89	0.009	0.51	0.1	0.02	4.1	1.0	<0.05	6	<0.5	<0.2
1069773	Soil	10	21	0.21	98	0.055	<1	1.48	0.005	0.07	0.1	0.04	1.6	0.2	<0.05	8	0.6	<0.2
REP 1069773	QC	11	22	0.21	98	0.064	<1	1.55	0.006	0.08	0.1	0.03	1.7	0.2	<0.05	9	0.6	<0.2
1069776	Soil	9	39	0.59	112	0.111	1	2.68	0.012	0.17	0.2	0.04	3.5	0.2	<0.05	6	0.6	<0.2
REP 1069776	QC	9	38	0.59	113	0.109	<1	2.62	0.012	0.17	0.1	0.05	3.4	0.2	<0.05	6	0.6	<0.2
Reference Materials																		
STD DS8	Standard	15	116	0.61	294	0.119	3	0.90	0.095	0.43	3.2	0.22	1.9	5.6	0.18	5	5.7	5.4
STD DS8	Standard	15	114	0.60	279	0.115	2	0.89	0.091	0.42	3.0	0.19	2.1	5.6	0.18	5	4.5	5.6
STD DS8	Standard	14	117	0.59	261	0.113	2	0.87	0.091	0.38	2.8	0.21	2.0	5.2	0.17	4	5.9	4.6
STD DS8	Standard	16	123	0.61	292	0.119	3	0.92	0.089	0.41	3.0	0.20	2.1	5.1	0.16	5	5.1	5.2
STD DS8	Standard	16	120	0.59	280	0.135	2	0.90	0.086	0.40	2.8	0.19	2.2	5.1	0.12	5	5.1	5.0
STD DS8	Standard	15	120	0.59	256	0.139	1	0.85	0.084	0.43	2.8	0.18	2.1	5.0	0.13	5	4.7	4.8
STD DS8	Standard	14	122	0.61	275	0.129	3	0.85	0.081	0.41	2.9	0.20	2.1	5.2	0.22	5	5.6	5.5
STD DS8	Standard	15	122	0.62	280	0.133	3	0.93	0.092	0.43	2.9	0.19	2.1	5.3	0.20	5	5.0	5.3
STD DS8	Standard	14	121	0.62	282	0.123	3	0.95	0.114	0.45	2.9	0.20	2.4	5.3	0.17	5	4.8	5.0
STD DS8	Standard	16	120	0.62	294	0.124	3	0.96	0.106	0.44	3.1	0.19	2.2	5.2	0.18	5	5.4	5.3
STD DS8	Standard	14	120	0.64	290	0.115	3	0.93	0.088	0.42	3.1	0.22	2.0	5.7	0.18	5	5.8	5.5
STD DS8	Standard	15	122	0.64	289	0.118	3	0.93	0.090	0.42	3.3	0.19	2.1	5.7	0.17	5	5.9	5.6
STD DS8	Standard	13	114	0.59	257	0.106	2	0.86	0.078	0.38	3.0	0.21	1.8	5.3	0.14	5	5.7	4.6
STD DS8	Standard	14	117	0.64	278	0.116	2	0.90	0.087	0.43	3.0	0.21	2.0	5.1	0.19	5	6.1	5.4
STD DS8	Standard	14	117	0.56	285	0.108	4	0.91	0.100	0.44	2.5	0.16	2.2	4.9	0.18	5	4.9	3.9
STD DS8	Standard	13	107	0.54	266	0.104	2	0.89	0.100	0.40	2.6	0.15	2.2	5.1	0.15	4	5.3	4.5
STD DS8	Standard	17	126	0.63	293	0.129	2	0.97	0.089	0.43	3.1	0.19	2.3	5.4	0.14	5	6.2	5.3
STD DS8	Standard	17	123	0.63	294	0.127	3	0.98	0.094	0.43	3.0	0.19	2.3	5.3	0.12	5	5.4	5.0

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Vancouver BC V6C 1H2 Canada

Project: ECH
Report Date: July 19, 2011

QUALITY CONTROL REPORT WHI11000530.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8	Standard	13.3	110.2	123.9	318	1.7	39.3	7.4	609	2.40	26.4	2.8	115.5	6.8	60	2.3	5.5	6.2	41	0.67	0.079
STD DS8	Standard	13.5	109.4	126.7	311	1.8	38.8	7.6	615	2.50	26.4	2.7	125.0	6.9	63	2.3	5.6	6.0	44	0.70	0.078
STD DS8	Standard	12.1	101.7	116.4	293	1.7	36.2	7.0	552	2.22	23.6	2.5	106.0	6.3	56	2.1	5.1	5.9	40	0.62	0.070
STD DS8	Standard	12.7	106.3	116.1	301	1.8	37.0	7.2	574	2.30	24.4	2.6	106.9	6.3	59	2.0	5.0	6.1	41	0.64	0.073
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Vancouver BC V6C 1H2 Canada

Project: ECH
Report Date: July 19, 2011

QUALITY CONTROL REPORT WHI11000530.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	14	113	0.62	279	0.110	3	0.90	0.088	0.40	2.8	0.18	2.0	5.3	0.15	5	4.8	5.1
STD DS8	Standard	15	118	0.62	292	0.114	3	0.91	0.088	0.41	3.1	0.23	2.1	5.4	0.15	5	4.2	6.2
STD DS8	Standard	13	112	0.56	255	0.106	2	0.82	0.078	0.37	2.8	0.18	1.9	5.1	0.14	4	5.5	4.4
STD DS8	Standard	14	116	0.58	265	0.108	2	0.86	0.081	0.39	2.7	0.21	2.1	5.2	0.16	4	5.4	4.6
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

www.acmelab.com

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

Submitted By: Mike Skead
Receiving Lab: Canada-Whitehorse
Received: July 11, 2011
Report Date: July 19, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI11000531.1

CLIENT JOB INFORMATION

Project: ECH
Shipment ID: ECH2011-05
P.O. Number
Number of Samples: 10

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	10	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	10	Dry at 60C			WHI
1DX2	10	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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

Project: ECH
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000531.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1067392	Soil		0.7	25.7	8.6	61	<0.1	26.2	11.2	371	2.85	7.3	1.3	3.1	3.0	13	<0.1	0.4	0.2	54	0.14	0.029
1067397	Soil		0.7	19.6	10.5	58	<0.1	27.4	10.9	401	2.77	6.1	1.4	1.5	4.2	12	<0.1	0.4	0.3	57	0.13	0.030
1067390	Soil		0.8	23.9	12.4	56	0.1	23.6	9.9	306	3.40	8.0	4.6	1.8	3.4	11	<0.1	0.4	0.3	55	0.12	0.035
1067389	Soil		0.9	24.8	12.1	55	0.1	23.2	9.7	286	3.58	8.3	5.0	2.7	4.2	11	<0.1	0.4	0.3	56	0.12	0.037
1067386	Soil		1.0	76.3	6.7	13	0.5	8.0	3.0	382	0.68	0.9	29.5	4.7	0.3	39	1.0	0.3	0.2	9	0.85	0.216
1067399	Soil		0.7	18.1	10.0	54	<0.1	20.0	8.8	377	2.73	7.2	1.4	4.2	3.0	12	0.1	0.5	0.2	56	0.13	0.043
1067387	Soil		2.6	16.0	28.0	58	<0.1	19.1	10.2	424	2.76	13.3	5.4	1.6	2.1	12	<0.1	0.3	0.7	38	0.17	0.061
1067388	Soil		0.7	23.5	20.1	67	<0.1	24.7	11.9	394	3.40	5.7	5.4	3.6	5.1	10	<0.1	0.4	0.5	46	0.11	0.033
1067395	Soil		1.2	25.1	11.5	58	<0.1	24.6	11.3	367	3.10	5.8	1.7	4.0	3.4	13	<0.1	0.5	0.5	58	0.13	0.035
1067931	Soil		0.7	19.6	24.9	68	<0.1	18.6	8.3	344	2.59	13.9	2.8	2.3	2.6	10	0.1	1.2	0.3	46	0.10	0.033

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Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: ECH
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000531.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1067392	Soil	9	34	0.63	93	0.118	1	2.10	0.011	0.19	0.1	0.05	2.8	0.2	<0.05	5	<0.5	<0.2
1067397	Soil	10	35	0.60	83	0.100	2	2.26	0.011	0.14	0.2	0.04	4.0	0.2	<0.05	6	0.6	<0.2
1067390	Soil	15	34	0.58	93	0.079	2	2.16	0.008	0.18	0.1	0.05	3.6	0.3	<0.05	6	<0.5	<0.2
1067389	Soil	15	33	0.58	96	0.083	1	2.16	0.009	0.18	<0.1	0.07	3.9	0.3	<0.05	6	<0.5	<0.2
1067386	Soil	19	22	0.14	179	0.016	3	0.97	0.012	0.05	<0.1	0.25	2.7	0.2	0.48	1	<0.5	<0.2
1067399	Soil	9	28	0.50	77	0.087	2	2.18	0.010	0.10	0.1	0.07	3.4	0.2	<0.05	6	<0.5	<0.2
1067387	Soil	11	21	0.27	108	0.017	<1	1.07	0.006	0.08	<0.1	0.03	1.9	0.1	<0.05	3	<0.5	<0.2
1067388	Soil	15	28	0.42	86	0.076	<1	1.71	0.009	0.20	0.1	0.04	2.9	0.3	<0.05	5	<0.5	<0.2
1067395	Soil	13	32	0.64	89	0.099	<1	2.12	0.009	0.18	0.1	0.04	2.8	0.3	<0.05	6	<0.5	<0.2
1067931	Soil	10	25	0.39	64	0.045	2	1.55	0.007	0.09	<0.1	0.05	2.0	0.2	<0.05	4	<0.5	<0.2

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

Project: ECH
Report Date: July 19, 2011

QUALITY CONTROL REPORT WHI11000531.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Reference Materials																					
STD DS8	Standard	13.4	115.4	136.6	333	1.8	37.5	7.5	639	2.54	28.0	2.9	109.9	7.1	71	2.5	6.2	7.2	43	0.70	0.084
STD DS8	Standard	12.9	108.0	125.9	314	1.8	37.1	7.2	595	2.39	25.8	2.9	114.8	6.9	65	2.4	5.7	7.0	40	0.64	0.079
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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

Project: ECH
Report Date: July 19, 2011

QUALITY CONTROL REPORT WHI11000531.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Reference Materials																		
STD DS8	Standard	14	124	0.64	276	0.120	3	0.93	0.087	0.45	2.8	0.21	2.1	5.7	0.17	5	5.6	5.2
STD DS8	Standard	13	114	0.60	262	0.108	2	0.87	0.080	0.41	2.8	0.20	1.9	5.4	0.13	4	4.7	4.9
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

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

Submitted By: Mike Skead
Receiving Lab: Canada-Whitehorse
Received: July 11, 2011
Report Date: September 23, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI11000531.2

CLIENT JOB INFORMATION

Project: ECH
Shipment ID: ECH2011-05
P.O. Number
Number of Samples: 10

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	10	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	10	Dry at 60C			WHI
1DX2	10	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Version 2: Corrected Sample ID - 10637931 should be listed as 1067391

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: ECH
Report Date: September 23, 2011

CERTIFICATE OF ANALYSIS WHI11000531.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1067392	Soil	0.7	25.7	8.6	61	<0.1	26.2	11.2	371	2.85	7.3	1.3	3.1	3.0	13	<0.1	0.4	0.2	54	0.14	0.029
1067397	Soil	0.7	19.6	10.5	58	<0.1	27.4	10.9	401	2.77	6.1	1.4	1.5	4.2	12	<0.1	0.4	0.3	57	0.13	0.030
1067390	Soil	0.8	23.9	12.4	56	0.1	23.6	9.9	306	3.40	8.0	4.6	1.8	3.4	11	<0.1	0.4	0.3	55	0.12	0.035
1067389	Soil	0.9	24.8	12.1	55	0.1	23.2	9.7	286	3.58	8.3	5.0	2.7	4.2	11	<0.1	0.4	0.3	56	0.12	0.037
1067386	Soil	1.0	76.3	6.7	13	0.5	8.0	3.0	382	0.68	0.9	29.5	4.7	0.3	39	1.0	0.3	0.2	9	0.85	0.216
1067399	Soil	0.7	18.1	10.0	54	<0.1	20.0	8.8	377	2.73	7.2	1.4	4.2	3.0	12	0.1	0.5	0.2	56	0.13	0.043
1067387	Soil	2.6	16.0	28.0	58	<0.1	19.1	10.2	424	2.76	13.3	5.4	1.6	2.1	12	<0.1	0.3	0.7	38	0.17	0.061
1067388	Soil	0.7	23.5	20.1	67	<0.1	24.7	11.9	394	3.40	5.7	5.4	3.6	5.1	10	<0.1	0.4	0.5	46	0.11	0.033
1067395	Soil	1.2	25.1	11.5	58	<0.1	24.6	11.3	367	3.10	5.8	1.7	4.0	3.4	13	<0.1	0.5	0.5	58	0.13	0.035
1067391	Soil	0.7	19.6	24.9	68	<0.1	18.6	8.3	344	2.59	13.9	2.8	2.3	2.6	10	0.1	1.2	0.3	46	0.10	0.033

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

Project: ECH
Report Date: September 23, 2011

CERTIFICATE OF ANALYSIS WHI11000531.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1067392	Soil	9	34	0.63	93	0.118	1	2.10	0.011	0.19	0.1	0.05	2.8	0.2	<0.05	5	<0.5	<0.2
1067397	Soil	10	35	0.60	83	0.100	2	2.26	0.011	0.14	0.2	0.04	4.0	0.2	<0.05	6	0.6	<0.2
1067390	Soil	15	34	0.58	93	0.079	2	2.16	0.008	0.18	0.1	0.05	3.6	0.3	<0.05	6	<0.5	<0.2
1067389	Soil	15	33	0.58	96	0.083	1	2.16	0.009	0.18	<0.1	0.07	3.9	0.3	<0.05	6	<0.5	<0.2
1067386	Soil	19	22	0.14	179	0.016	3	0.97	0.012	0.05	<0.1	0.25	2.7	0.2	0.48	1	<0.5	<0.2
1067399	Soil	9	28	0.50	77	0.087	2	2.18	0.010	0.10	0.1	0.07	3.4	0.2	<0.05	6	<0.5	<0.2
1067387	Soil	11	21	0.27	108	0.017	<1	1.07	0.006	0.08	<0.1	0.03	1.9	0.1	<0.05	3	<0.5	<0.2
1067388	Soil	15	28	0.42	86	0.076	<1	1.71	0.009	0.20	0.1	0.04	2.9	0.3	<0.05	5	<0.5	<0.2
1067395	Soil	13	32	0.64	89	0.099	<1	2.12	0.009	0.18	0.1	0.04	2.8	0.3	<0.05	6	<0.5	<0.2
1067391	Soil	10	25	0.39	64	0.045	2	1.55	0.007	0.09	<0.1	0.05	2.0	0.2	<0.05	4	<0.5	<0.2

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

Project: ECH
Report Date: September 23, 2011

QUALITY CONTROL REPORT WHI11000531.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Reference Materials																					
STD DS8	Standard	13.4	115.4	136.6	333	1.8	37.5	7.5	639	2.54	28.0	2.9	109.9	7.1	71	2.5	6.2	7.2	43	0.70	0.084
STD DS8	Standard	12.9	108.0	125.9	314	1.8	37.1	7.2	595	2.39	25.8	2.9	114.8	6.9	65	2.4	5.7	7.0	40	0.64	0.079
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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

Project: ECH
Report Date: September 23, 2011

QUALITY CONTROL REPORT WHI11000531.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Reference Materials																		
STD DS8	Standard	14	124	0.64	276	0.120	3	0.93	0.087	0.45	2.8	0.21	2.1	5.7	0.17	5	5.6	5.2
STD DS8	Standard	13	114	0.60	262	0.108	2	0.87	0.080	0.41	2.8	0.20	1.9	5.4	0.13	4	4.7	4.9
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

Submitted By: Mike Skead
Receiving Lab: Canada-Whitehorse
Received: July 11, 2011
Report Date: July 24, 2011
Page: 1 of 11

CERTIFICATE OF ANALYSIS WHI11000532.1

CLIENT JOB INFORMATION

Project: ECH
Shipment ID: ECH2011-06
P.O. Number
Number of Samples: 300

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	300	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	300	Dry at 60C			WHI
1DX2	298	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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

Project: ECH
Report Date: July 24, 2011

CERTIFICATE OF ANALYSIS WHI11000532.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1033628	Soil	0.7	27.1	7.8	70	<0.1	25.2	10.4	428	2.64	6.3	4.6	2.9	6.1	24	0.3	0.5	0.2	65	0.40	0.088
1033630	Soil	1.0	27.6	11.0	65	<0.1	24.6	10.4	536	2.85	9.0	10.9	6.3	3.7	16	0.1	0.5	0.4	62	0.22	0.075
1033629	Soil	0.8	15.6	9.3	40	<0.1	12.7	5.5	171	2.05	6.7	3.0	1.6	1.5	10	<0.1	0.3	0.2	49	0.11	0.029
1033627	Soil	0.6	21.3	8.0	66	<0.1	24.0	9.2	239	2.22	4.8	1.8	2.3	3.7	17	0.2	0.3	0.2	58	0.27	0.069
1033626	Soil	0.9	20.9	10.8	59	<0.1	27.4	11.0	432	2.74	7.8	5.6	1.2	5.6	16	0.2	0.4	0.4	68	0.21	0.056
1033625	Soil	0.8	20.2	10.0	57	<0.1	26.6	10.6	423	2.63	7.0	5.6	2.2	5.7	15	0.1	0.3	0.3	64	0.22	0.054
1033620	Soil	1.0	23.7	11.5	71	<0.1	30.9	12.5	446	2.64	8.2	3.6	1.7	3.1	15	0.4	0.5	0.2	62	0.19	0.049
1033613	Soil	0.5	5.2	3.8	24	0.1	2.5	2.7	72	1.25	2.2	0.4	<0.5	0.2	6	<0.1	<0.1	<0.1	36	0.05	0.021
1033608	Soil	1.0	20.6	17.7	58	<0.1	21.1	9.1	503	2.48	6.7	8.1	2.0	1.6	15	<0.1	0.4	0.4	58	0.18	0.070
1033601	Soil	0.8	19.3	19.2	60	<0.1	20.7	8.9	362	2.44	7.8	3.8	2.6	3.7	12	0.1	0.4	0.2	51	0.19	0.057
1033603	Soil	0.8	15.6	17.3	54	<0.1	18.7	7.6	364	2.58	7.8	2.7	<0.5	2.5	12	0.1	0.4	0.3	57	0.20	0.057
1033621	Soil	1.0	17.4	13.7	75	<0.1	22.7	10.0	529	2.66	6.3	7.8	1.5	3.0	20	0.3	0.3	0.4	60	0.21	0.047
1033612	Soil	0.9	20.9	11.2	65	<0.1	24.3	11.1	459	2.62	7.2	4.4	6.3	3.5	15	0.1	0.4	0.2	58	0.23	0.055
1033619	Soil	0.8	15.4	13.0	61	0.1	15.4	6.6	480	2.16	5.8	8.2	1.3	0.8	16	0.4	0.3	0.3	49	0.18	0.056
1033602	Soil	0.7	20.2	12.0	53	<0.1	23.1	8.2	328	2.35	6.1	3.1	2.4	5.1	18	0.1	0.4	0.2	55	0.32	0.094
1033614	Soil	1.2	22.4	11.1	56	0.1	23.1	9.2	352	2.70	5.7	10.8	1.6	2.4	20	0.1	0.3	0.3	57	0.24	0.051
1033610	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1033617	Soil	0.9	13.4	14.7	67	<0.1	20.4	7.7	367	2.29	4.6	2.0	1.1	3.4	20	0.1	0.4	0.3	56	0.23	0.058
1033616	Soil	1.2	20.7	11.9	58	<0.1	28.2	10.7	412	2.68	7.4	2.4	5.2	4.5	17	0.3	0.5	0.2	58	0.23	0.046
1033609	Soil	0.9	18.0	13.6	56	<0.1	20.7	9.0	408	2.62	6.5	7.8	1.9	1.4	13	<0.1	0.3	0.3	61	0.16	0.064
1033624	Soil	0.7	17.1	13.1	55	<0.1	21.1	8.3	341	2.37	4.8	4.5	1.0	3.1	22	0.1	0.3	0.4	56	0.22	0.043
1033615	Soil	1.2	18.4	11.8	67	<0.1	22.9	11.1	464	2.87	5.3	9.8	1.5	3.6	17	0.2	0.3	0.3	61	0.21	0.052
1033607	Soil	1.1	23.9	17.2	67	0.1	24.0	11.5	824	3.11	9.3	8.6	1.0	1.2	13	0.2	0.5	0.3	71	0.15	0.072
1033622	Soil	0.6	16.3	9.6	46	<0.1	18.5	7.7	268	2.22	5.4	2.5	2.9	4.6	13	0.2	0.3	0.3	55	0.16	0.046
1068988	Soil	0.7	15.6	10.8	64	<0.1	19.3	8.8	495	2.55	5.8	13.8	2.1	1.9	24	0.2	0.3	0.2	61	0.30	0.081
1033604	Soil	0.9	15.7	15.9	51	<0.1	17.6	7.4	411	2.37	5.3	2.9	1.8	0.7	14	0.2	0.4	0.3	57	0.20	0.058
1033606	Soil	1.1	19.6	12.7	61	<0.1	22.6	8.8	406	3.07	7.9	4.0	3.6	1.6	12	0.2	0.4	0.2	70	0.14	0.050
1033623	Soil	0.8	16.2	11.7	55	<0.1	21.1	9.2	364	2.80	7.4	4.6	0.9	4.4	16	0.2	0.3	0.4	72	0.21	0.041
1197686	Soil	1.3	10.9	14.2	31	0.1	7.7	2.8	121	1.85	5.4	1.1	1.5	1.0	10	0.2	0.3	0.6	76	0.08	0.045
1033618	Soil	0.7	15.9	16.5	71	<0.1	18.1	8.0	503	2.30	6.3	14.9	1.2	1.5	20	0.3	0.3	0.4	48	0.21	0.055

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

Project: ECH
Report Date: July 24, 2011

CERTIFICATE OF ANALYSIS WHI11000532.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1033628	Soil	17	34	0.59	152	0.123	2	1.61	0.020	0.13	0.1	0.03	4.2	0.2	<0.05	5	<0.5	<0.2
1033630	Soil	14	32	0.59	160	0.082	2	2.20	0.013	0.07	0.2	0.04	3.3	0.1	<0.05	6	<0.5	<0.2
1033629	Soil	7	18	0.29	84	0.061	<1	1.44	0.017	0.04	0.1	0.03	1.5	0.1	<0.05	6	<0.5	<0.2
1033627	Soil	11	32	0.54	104	0.092	<1	1.56	0.015	0.08	0.2	0.03	2.6	0.1	<0.05	5	<0.5	<0.2
1033626	Soil	14	45	0.68	124	0.119	1	1.90	0.013	0.10	0.3	0.03	2.8	0.2	<0.05	7	<0.5	<0.2
1033625	Soil	13	42	0.68	122	0.112	1	1.89	0.013	0.11	0.4	0.03	2.8	0.2	<0.05	7	<0.5	<0.2
1033620	Soil	11	37	0.62	128	0.086	1	2.37	0.014	0.06	0.2	0.06	3.2	0.2	<0.05	6	<0.5	<0.2
1033613	Soil	2	8	0.08	14	0.057	<1	0.39	0.018	0.02	<0.1	0.03	0.4	<0.1	<0.05	4	<0.5	<0.2
1033608	Soil	14	32	0.48	137	0.049	1	2.05	0.014	0.06	0.1	0.04	2.7	0.2	<0.05	6	<0.5	<0.2
1033601	Soil	13	26	0.48	106	0.069	<1	1.62	0.010	0.08	0.2	0.03	2.6	0.1	<0.05	5	<0.5	<0.2
1033603	Soil	12	29	0.47	86	0.063	<1	1.66	0.009	0.06	0.3	0.03	2.3	0.1	<0.05	6	<0.5	<0.2
1033621	Soil	12	33	0.56	151	0.064	<1	2.21	0.013	0.09	0.1	0.03	3.0	0.2	<0.05	7	<0.5	<0.2
1033612	Soil	12	30	0.55	94	0.090	1	1.99	0.014	0.10	0.1	0.04	2.7	0.2	<0.05	6	<0.5	<0.2
1033619	Soil	9	23	0.38	113	0.036	<1	1.57	0.014	0.07	<0.1	0.05	1.6	0.1	<0.05	6	<0.5	<0.2
1033602	Soil	16	27	0.52	96	0.087	<1	1.50	0.013	0.08	0.2	0.04	2.8	0.1	<0.05	5	<0.5	<0.2
1033614	Soil	12	31	0.52	130	0.080	1	1.80	0.014	0.12	<0.1	0.05	2.9	0.2	<0.05	7	<0.5	<0.2
1033610	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1033617	Soil	11	35	0.58	99	0.085	<1	1.51	0.014	0.13	0.1	0.05	2.5	0.2	<0.05	7	<0.5	<0.2
1033616	Soil	11	35	0.54	133	0.094	<1	2.09	0.015	0.10	0.1	0.04	2.9	0.2	<0.05	6	<0.5	<0.2
1033609	Soil	14	31	0.51	139	0.052	1	2.14	0.012	0.06	<0.1	0.05	2.7	0.2	<0.05	7	0.6	<0.2
1033624	Soil	11	37	0.63	123	0.079	<1	2.13	0.018	0.12	0.5	0.03	3.2	0.2	<0.05	7	<0.5	<0.2
1033615	Soil	14	36	0.60	122	0.096	<1	1.96	0.015	0.13	0.1	0.05	3.6	0.3	0.07	7	<0.5	<0.2
1033607	Soil	13	35	0.51	134	0.053	2	2.32	0.012	0.06	0.1	0.05	2.9	0.2	0.08	7	<0.5	<0.2
1033622	Soil	12	28	0.46	79	0.084	<1	1.59	0.010	0.07	0.2	0.05	2.6	0.2	<0.05	6	<0.5	<0.2
1068988	Soil	15	35	0.53	163	0.062	<1	1.72	0.012	0.09	0.1	0.03	4.0	0.2	<0.05	6	<0.5	<0.2
1033604	Soil	12	27	0.40	91	0.040	1	1.52	0.009	0.06	0.1	0.04	1.6	0.1	<0.05	6	<0.5	<0.2
1033606	Soil	12	34	0.52	105	0.065	<1	1.73	0.008	0.07	0.1	0.04	2.4	0.2	0.05	8	<0.5	<0.2
1033623	Soil	13	37	0.58	92	0.105	1	1.87	0.010	0.09	0.8	0.03	3.2	0.2	<0.05	7	<0.5	<0.2
1197686	Soil	9	19	0.15	44	0.065	<1	0.96	0.007	0.06	<0.1	0.05	1.5	0.1	<0.05	9	<0.5	<0.2
1033618	Soil	19	26	0.41	167	0.031	<1	1.80	0.010	0.08	0.1	0.04	2.3	0.2	<0.05	5	<0.5	<0.2

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

Project: ECH
Report Date: July 24, 2011

CERTIFICATE OF ANALYSIS WHI11000532.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1033605	Soil	0.9	20.5	12.1	54	<0.1	23.1	9.4	375	2.62	7.4	4.3	4.5	2.3	16	0.2	0.5	0.2	63	0.23	0.061
1033611	Soil	0.9	5.8	5.7	15	<0.1	3.8	2.1	53	0.91	1.4	1.4	0.7	0.8	10	<0.1	0.2	0.2	36	0.08	0.024
1068991	Soil	0.7	12.1	7.9	42	<0.1	12.0	5.4	235	1.81	3.4	1.8	1.8	1.3	14	0.2	0.3	0.4	44	0.16	0.047
1068992	Soil	1.0	18.6	15.2	65	<0.1	21.3	9.5	544	2.94	7.0	4.0	7.7	2.4	16	0.1	0.3	0.3	65	0.22	0.071
1068989	Soil	1.0	16.4	10.2	49	<0.1	19.6	8.5	280	2.61	6.9	0.8	3.5	3.1	12	0.2	0.4	0.2	69	0.14	0.028
1068990	Soil	0.9	16.4	9.5	63	<0.1	20.0	8.2	374	2.44	5.8	1.8	4.9	3.3	17	0.2	0.4	0.5	54	0.21	0.049
1197688	Soil	0.7	21.0	12.1	59	<0.1	18.9	8.3	371	2.57	5.7	8.2	3.6	5.7	16	0.2	0.4	0.4	53	0.25	0.081
1068999	Soil	0.8	14.8	13.0	62	<0.1	19.7	8.2	451	2.45	4.2	2.9	4.3	2.4	16	0.2	0.4	0.3	54	0.22	0.066
1068993	Soil	1.4	20.3	16.8	66	<0.1	19.1	9.6	718	3.15	7.8	4.5	3.3	1.2	14	0.2	0.6	0.4	68	0.12	0.062
1197693	Soil	0.9	26.4	9.7	68	<0.1	23.8	10.2	433	2.77	6.7	3.4	2.2	4.3	18	0.3	0.6	0.2	63	0.24	0.069
1068703	Soil	1.1	26.4	19.9	79	0.1	27.3	13.7	689	3.42	9.4	7.1	2.1	2.1	19	0.2	0.7	0.5	68	0.16	0.070
1068998	Soil	0.9	19.7	15.8	71	<0.1	21.9	9.1	465	2.94	7.2	4.6	4.6	2.5	15	0.2	0.5	0.4	59	0.18	0.065
1068994	Soil	1.4	20.5	16.2	66	<0.1	20.0	9.5	647	3.12	7.7	4.5	2.8	1.1	14	0.1	0.5	0.3	67	0.11	0.061
1068986	Soil	1.3	24.9	20.0	78	0.2	24.5	15.3	1078	3.27	8.7	5.9	2.6	1.6	24	0.2	0.5	0.5	67	0.25	0.087
1197690	Soil	1.2	28.8	20.3	73	0.2	22.5	15.0	749	3.27	7.6	19.7	2.8	3.6	23	<0.1	0.5	0.4	70	0.20	0.087
1068997	Soil	1.1	15.4	11.2	56	<0.1	14.2	6.4	304	2.29	5.5	3.7	2.1	0.6	14	0.2	0.4	0.2	51	0.15	0.056
1068987	Soil	1.3	17.9	17.7	67	0.3	18.8	6.9	404	2.57	6.3	4.8	3.4	0.9	27	0.2	0.4	0.4	61	0.28	0.093
1197697	Soil	1.5	33.4	28.9	92	0.2	29.8	12.0	750	4.19	13.6	9.6	3.3	2.4	32	0.2	0.5	0.7	79	0.36	0.091
1197699	Soil	0.8	22.7	13.8	66	0.1	24.7	9.2	277	2.40	6.5	12.2	8.1	5.0	19	0.1	0.5	0.5	59	0.29	0.085
1068996	Soil	1.0	23.6	15.6	66	0.1	23.9	8.4	284	2.88	8.3	14.8	2.0	3.5	17	0.1	0.5	0.3	67	0.21	0.085
1197692	Soil	0.9	27.9	12.3	68	<0.1	27.2	11.8	512	2.94	7.2	7.8	10.7	5.6	17	0.2	0.5	0.2	68	0.23	0.056
1197689	Soil	0.9	23.7	10.3	69	<0.1	24.3	10.7	390	2.75	5.6	11.7	4.0	6.9	25	0.2	0.4	0.3	65	0.40	0.101
1197696	Soil	1.0	28.1	13.2	69	<0.1	27.7	12.8	533	3.04	8.3	6.7	4.2	5.2	15	0.2	0.6	0.2	69	0.20	0.053
1068704	Soil	0.8	23.4	10.2	72	<0.1	23.1	10.2	505	2.56	6.4	6.8	2.0	4.0	19	0.2	0.5	0.2	62	0.29	0.080
1197691	Soil	1.0	17.6	12.7	45	0.1	12.7	5.4	248	2.02	4.7	4.7	2.2	0.8	14	0.2	0.3	0.2	47	0.10	0.058
1197694	Soil	0.8	28.5	8.6	67	<0.1	28.4	11.5	529	2.78	6.9	2.0	3.6	5.1	17	0.2	0.5	0.2	66	0.24	0.061
1067208	Soil	0.7	20.4	13.1	69	<0.1	23.5	9.9	493	2.62	5.4	5.1	2.9	5.9	18	0.3	0.4	0.9	52	0.26	0.079
1197698	Soil	0.9	16.8	18.5	58	<0.1	19.6	13.9	435	2.66	5.3	12.5	1.8	1.2	16	<0.1	0.4	0.3	66	0.16	0.067
1197695	Soil	0.7	24.0	9.5	58	<0.1	24.3	10.3	407	2.70	6.0	2.5	0.7	6.1	16	0.2	0.5	0.1	65	0.25	0.057
1197687	Soil	0.7	18.1	11.0	59	<0.1	17.7	7.7	355	2.29	4.9	3.6	2.9	5.8	16	0.2	0.3	0.2	52	0.27	0.075

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

Project: ECH
Report Date: July 24, 2011

CERTIFICATE OF ANALYSIS WHI11000532.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1033605	Soil	16	32	0.52	127	0.071	1	1.92	0.011	0.07	0.2	0.03	3.0	0.1	<0.05	6	<0.5	<0.2
1033611	Soil	6	9	0.05	53	0.060	<1	0.47	0.014	0.03	<0.1	0.04	0.7	<0.1	<0.05	4	<0.5	<0.2
1068991	Soil	12	20	0.30	145	0.062	<1	1.29	0.013	0.06	0.1	0.04	1.7	0.1	<0.05	5	0.6	<0.2
1068992	Soil	15	36	0.64	133	0.068	<1	2.17	0.010	0.11	0.1	0.03	3.2	0.2	<0.05	7	<0.5	<0.2
1068989	Soil	11	28	0.39	87	0.084	<1	1.89	0.011	0.05	0.1	0.05	2.5	0.1	<0.05	7	<0.5	<0.2
1068990	Soil	11	28	0.57	141	0.088	2	1.32	0.010	0.09	0.9	0.03	2.6	0.1	<0.05	5	<0.5	<0.2
1197688	Soil	18	29	0.55	120	0.100	1	1.74	0.009	0.09	0.2	0.03	4.0	0.2	<0.05	5	<0.5	<0.2
1068999	Soil	12	32	0.55	111	0.071	<1	1.40	0.008	0.08	0.2	0.02	2.6	0.1	<0.05	6	<0.5	<0.2
1068993	Soil	12	34	0.59	119	0.058	1	1.91	0.008	0.07	0.1	0.04	2.4	0.2	<0.05	8	<0.5	<0.2
1197693	Soil	15	27	0.64	144	0.113	1	1.99	0.015	0.11	0.1	0.03	3.4	0.2	<0.05	7	<0.5	<0.2
1068703	Soil	15	38	0.68	189	0.060	<1	2.37	0.009	0.08	0.2	0.03	3.6	0.2	<0.05	8	<0.5	<0.2
1068998	Soil	14	33	0.62	110	0.064	1	1.94	0.009	0.08	0.2	0.03	2.9	0.2	<0.05	6	<0.5	<0.2
1068994	Soil	12	34	0.58	118	0.054	1	1.91	0.008	0.07	0.1	0.04	2.4	0.2	<0.05	8	<0.5	<0.2
1068986	Soil	16	35	0.60	247	0.046	1	2.27	0.013	0.09	0.1	0.06	3.2	0.2	<0.05	8	<0.5	<0.2
1197690	Soil	31	31	0.63	178	0.058	1	2.52	0.014	0.07	0.1	0.06	4.6	0.3	0.06	8	0.5	<0.2
1068997	Soil	9	23	0.45	93	0.050	2	1.39	0.013	0.05	0.1	0.03	1.5	0.1	<0.05	6	<0.5	<0.2
1068987	Soil	11	29	0.43	201	0.048	1	1.56	0.012	0.08	0.1	0.07	2.1	0.2	0.07	7	<0.5	<0.2
1197697	Soil	19	43	0.66	282	0.037	<1	2.79	0.012	0.11	0.2	0.05	4.2	0.3	0.06	9	<0.5	<0.2
1197699	Soil	17	33	0.62	129	0.088	1	1.91	0.013	0.06	0.2	0.04	3.6	0.1	<0.05	6	<0.5	<0.2
1068996	Soil	29	32	0.61	247	0.074	2	2.45	0.017	0.07	0.2	0.07	4.0	0.2	<0.05	8	<0.5	<0.2
1197692	Soil	17	33	0.65	156	0.118	<1	2.06	0.013	0.11	0.2	0.04	4.3	0.2	<0.05	7	<0.5	<0.2
1197689	Soil	22	34	0.65	148	0.135	2	1.59	0.013	0.11	0.2	0.03	4.5	0.2	<0.05	6	<0.5	<0.2
1197696	Soil	18	33	0.66	127	0.120	1	2.24	0.013	0.09	0.2	0.05	3.8	0.3	<0.05	7	<0.5	<0.2
1068704	Soil	13	26	0.57	125	0.105	<1	1.65	0.015	0.08	0.2	0.03	2.6	0.2	<0.05	6	<0.5	<0.2
1197691	Soil	10	19	0.34	80	0.055	<1	1.51	0.017	0.05	<0.1	0.04	1.5	0.2	0.07	6	<0.5	<0.2
1197694	Soil	15	28	0.67	128	0.131	2	1.98	0.015	0.11	0.2	0.04	3.3	0.2	<0.05	6	<0.5	<0.2
1067208	Soil	14	26	0.67	118	0.119	1	1.80	0.015	0.15	0.2	0.02	2.6	0.2	<0.05	6	<0.5	<0.2
1197698	Soil	16	33	0.57	162	0.057	<1	2.07	0.009	0.06	0.1	0.04	2.6	0.3	<0.05	8	<0.5	<0.2
1197695	Soil	16	28	0.66	148	0.126	2	1.85	0.012	0.10	0.2	0.02	3.2	0.2	<0.05	6	<0.5	<0.2
1197687	Soil	17	31	0.61	105	0.106	<1	1.76	0.010	0.09	0.2	0.03	3.3	0.2	<0.05	5	<0.5	<0.2

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Vancouver BC V6C 1H2 Canada

Project: ECH
Report Date: July 24, 2011

CERTIFICATE OF ANALYSIS WHI11000532.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1067221	Soil	0.7	19.4	15.2	70	<0.1	20.1	9.6	569	2.66	4.1	5.5	1.8	6.9	38	0.3	0.4	0.2	52	0.41	0.079
1197700	Soil	0.9	16.1	13.0	47	<0.1	15.9	6.2	227	2.25	5.4	5.2	1.8	2.9	16	0.3	0.4	0.3	59	0.20	0.061
1068995	Soil	0.8	29.6	11.0	68	<0.1	27.6	10.7	418	2.89	7.2	7.1	6.8	6.4	26	0.2	0.5	0.2	69	0.37	0.087
1069000	Soil	0.8	14.2	12.1	71	<0.1	16.0	9.1	503	2.75	4.6	7.9	3.4	2.5	14	0.1	0.3	0.3	59	0.18	0.057
1067226	Soil	0.6	21.1	16.9	75	<0.1	18.2	8.7	428	2.54	4.0	3.2	1.2	7.4	20	0.2	0.3	0.2	54	0.30	0.092
1067230	Soil	0.5	19.2	16.0	79	<0.1	18.2	9.7	697	2.89	3.5	3.6	0.7	9.6	34	0.1	0.3	0.3	49	0.29	0.077
1067224	Soil	0.6	21.2	15.7	65	<0.1	15.3	8.1	407	2.68	4.1	4.6	1.1	6.4	39	<0.1	0.2	0.2	52	0.34	0.071
1067217	Soil	0.2	12.4	10.4	83	<0.1	10.1	9.0	558	3.03	1.5	1.7	0.8	8.7	12	<0.1	<0.1	0.2	59	0.33	0.114
1067228	Soil	0.7	18.0	10.1	58	<0.1	21.0	9.3	400	2.61	5.5	1.6	1.7	5.9	15	0.2	0.5	0.2	59	0.22	0.057
1067210	Soil	0.9	22.5	11.3	64	<0.1	24.8	11.5	495	3.06	7.1	2.4	8.2	3.6	14	0.2	0.6	0.2	56	0.19	0.062
1067225	Soil	0.6	23.4	20.5	76	<0.1	18.1	10.1	880	2.80	4.5	7.7	2.0	10.7	39	0.2	0.3	0.2	53	0.49	0.099
1067223	Soil	0.7	22.8	13.4	73	0.1	21.7	10.4	569	2.93	7.4	7.6	3.9	4.2	32	0.2	0.4	0.2	60	0.33	0.071
1067221	Soil	0.6	18.4	8.7	63	<0.1	23.4	13.0	538	2.93	5.1	1.3	5.7	4.6	20	0.1	0.4	0.2	60	0.30	0.083
1067213	Soil	0.6	18.3	8.9	57	<0.1	18.6	9.0	487	2.74	5.0	2.1	2.9	6.8	28	0.2	0.4	0.6	50	0.24	0.067
1067206	Soil	0.6	16.5	10.8	61	<0.1	18.0	7.9	484	2.35	5.4	5.6	2.0	4.0	17	0.2	0.4	1.0	48	0.22	0.075
1067229	Soil	0.6	16.5	8.9	58	<0.1	19.5	9.2	401	2.45	5.5	1.1	1.6	4.8	18	0.2	0.4	0.2	55	0.25	0.062
1067207	Soil	0.6	21.3	10.1	58	<0.1	25.4	8.8	395	2.33	6.4	1.5	6.2	3.8	20	0.3	0.5	0.7	52	0.25	0.060
1067212	Soil	0.7	18.3	15.9	72	<0.1	17.5	7.7	597	2.23	5.1	46.2	4.7	6.6	21	0.3	0.4	1.4	36	0.28	0.082
1067214	Soil	0.5	13.0	10.5	49	<0.1	14.2	7.0	338	2.31	5.0	2.7	0.9	5.5	19	0.1	0.3	1.8	41	0.20	0.064
1067227	Soil	0.5	16.9	10.5	61	<0.1	16.9	8.3	439	2.55	4.7	2.1	4.4	5.8	18	0.1	0.4	0.3	56	0.26	0.079
1066802	Soil	0.3	7.8	4.6	15	0.1	3.2	1.2	42	0.51	<0.5	0.9	0.7	0.1	11	0.1	<0.1	0.2	12	0.09	0.015
1067219	Soil	0.7	18.3	12.7	57	<0.1	20.1	9.6	410	2.81	6.8	2.4	2.8	3.0	20	<0.1	0.5	0.2	55	0.15	0.047
1067204	Soil	0.5	14.5	12.1	63	<0.1	17.4	7.2	523	2.00	4.1	5.6	1.3	4.1	17	0.3	0.3	2.2	43	0.26	0.091
1067218	Soil	0.6	16.4	12.2	70	<0.1	14.1	10.3	561	3.08	3.4	5.9	3.7	9.4	34	<0.1	0.2	0.3	56	0.29	0.090
1066801	Soil	0.8	20.2	12.5	59	0.2	17.0	8.0	311	2.32	5.3	4.0	1.5	2.2	24	0.1	0.3	0.6	50	0.24	0.044
1067215	Soil	0.6	15.0	9.8	50	<0.1	14.9	6.6	284	2.10	5.2	1.8	1.8	2.4	13	0.1	0.4	1.4	46	0.13	0.046
1067220	Soil	0.9	18.9	12.0	63	<0.1	20.5	9.0	469	2.70	6.1	3.2	2.7	3.0	20	0.2	0.5	0.2	54	0.19	0.065
1067201	Soil	0.6	20.2	9.1	59	<0.1	21.8	8.6	346	2.27	6.4	1.9	1.7	3.6	19	0.3	0.4	0.4	51	0.28	0.070
1066805	Soil	0.8	13.5	11.7	56	0.1	16.0	8.4	407	2.31	5.6	2.5	5.9	3.3	22	0.2	0.3	0.4	50	0.26	0.059
1067205	Soil	0.5	10.0	16.8	62	<0.1	9.2	4.7	351	1.92	3.1	6.3	<0.5	1.8	11	0.2	0.2	3.2	35	0.13	0.066

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1067221	Soil	20	27	0.69	207	0.119	<1	1.88	0.013	0.24	0.1	0.02	3.9	0.3	<0.05	7	<0.5	<0.2
1197700	Soil	12	25	0.42	96	0.087	<1	1.45	0.010	0.05	0.2	0.05	2.2	0.2	<0.05	7	<0.5	<0.2
1068995	Soil	20	34	0.66	196	0.128	1	1.79	0.015	0.09	0.2	0.03	4.7	0.2	<0.05	6	<0.5	<0.2
1069000	Soil	16	35	0.68	110	0.089	1	2.00	0.009	0.10	0.1	0.04	3.5	0.2	<0.05	7	0.5	<0.2
1067226	Soil	23	27	0.60	112	0.109	<1	1.81	0.010	0.18	0.1	0.03	3.5	0.2	<0.05	6	<0.5	<0.2
1067230	Soil	33	26	0.88	183	0.131	<1	2.40	0.009	0.39	0.1	0.02	3.5	0.5	<0.05	9	<0.5	<0.2
1067224	Soil	21	27	0.69	124	0.081	<1	2.34	0.009	0.20	<0.1	0.02	3.8	0.3	<0.05	9	<0.5	<0.2
1067217	Soil	22	22	1.05	205	0.177	<1	2.76	0.012	0.89	0.1	<0.01	5.3	0.8	<0.05	13	<0.5	<0.2
1067228	Soil	17	26	0.64	108	0.131	1	1.67	0.011	0.13	0.3	0.03	2.7	0.2	<0.05	6	<0.5	<0.2
1067210	Soil	12	34	0.62	94	0.091	2	1.93	0.011	0.12	0.2	0.05	3.4	0.2	<0.05	6	<0.5	<0.2
1067225	Soil	32	29	0.74	171	0.089	1	2.00	0.013	0.22	<0.1	0.04	4.2	0.3	<0.05	7	<0.5	<0.2
1067223	Soil	16	32	0.66	154	0.085	2	2.08	0.012	0.12	0.1	0.03	3.5	0.2	0.06	7	<0.5	<0.2
1067221	Soil	13	32	0.67	153	0.142	1	1.95	0.016	0.23	0.2	0.03	3.2	0.3	<0.05	6	<0.5	<0.2
1067213	Soil	19	24	0.59	105	0.128	<1	1.89	0.010	0.26	0.1	0.03	2.8	0.4	<0.05	7	0.6	<0.2
1067206	Soil	14	23	0.45	115	0.089	<1	1.68	0.012	0.11	0.1	0.03	2.3	0.2	<0.05	6	0.8	<0.2
1067229	Soil	16	25	0.63	93	0.123	1	1.92	0.012	0.15	0.2	0.04	2.5	0.2	0.07	5	<0.5	<0.2
1067207	Soil	13	26	0.53	112	0.086	2	1.89	0.016	0.07	0.2	0.04	2.5	0.1	<0.05	4	0.9	<0.2
1067212	Soil	19	21	0.47	153	0.050	<1	1.79	0.010	0.11	<0.1	0.04	2.7	0.2	<0.05	5	<0.5	<0.2
1067214	Soil	18	20	0.51	78	0.080	<1	1.89	0.009	0.20	<0.1	0.02	2.0	0.3	<0.05	6	<0.5	<0.2
1067227	Soil	17	23	0.63	89	0.129	1	1.85	0.011	0.17	0.1	0.03	2.6	0.3	<0.05	6	<0.5	<0.2
1066802	Soil	5	5	0.07	76	0.025	<1	0.35	0.015	0.03	<0.1	0.02	0.6	<0.1	<0.05	2	<0.5	<0.2
1067219	Soil	11	27	0.55	91	0.076	<1	2.02	0.010	0.10	0.2	0.05	2.7	0.2	<0.05	6	<0.5	<0.2
1067204	Soil	12	22	0.36	96	0.068	1	1.30	0.011	0.07	0.1	0.03	2.0	0.1	<0.05	4	<0.5	<0.2
1067218	Soil	28	21	0.70	143	0.112	<1	1.96	0.009	0.36	0.1	0.01	4.5	0.3	<0.05	7	<0.5	<0.2
1066801	Soil	14	29	0.44	233	0.050	<1	1.80	0.012	0.06	0.1	0.04	3.5	0.1	<0.05	6	<0.5	<0.2
1067215	Soil	11	22	0.40	65	0.066	1	1.55	0.007	0.08	0.1	0.02	1.8	0.2	<0.05	5	<0.5	<0.2
1067220	Soil	13	27	0.57	103	0.086	2	1.90	0.010	0.15	0.1	0.04	2.5	0.2	<0.05	6	<0.5	<0.2
1067201	Soil	12	26	0.50	106	0.084	1	1.56	0.014	0.06	0.2	0.03	2.4	<0.1	<0.05	4	<0.5	<0.2
1066805	Soil	12	29	0.45	189	0.058	<1	1.58	0.010	0.06	0.2	0.02	2.6	0.1	<0.05	5	<0.5	<0.2
1067205	Soil	10	15	0.31	71	0.036	<1	1.47	0.005	0.12	<0.1	0.02	1.5	0.2	<0.05	5	<0.5	<0.2

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600 - 666 Burrard St.
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Project: ECH
Report Date: July 24, 2011

CERTIFICATE OF ANALYSIS WHI11000532.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1067203	Soil	0.5	15.4	11.5	59	<0.1	16.5	7.3	467	2.04	3.9	5.7	2.4	5.6	16	0.2	0.3	2.0	42	0.24	0.083
1067209	Soil	0.7	25.2	10.6	62	<0.1	28.5	11.2	465	2.76	8.4	1.1	4.4	3.5	15	0.2	0.5	0.3	56	0.18	0.035
1066803	Soil	0.8	14.4	13.4	57	0.2	15.4	7.6	232	2.68	5.6	1.5	2.0	2.2	18	0.4	0.3	0.5	52	0.17	0.038
1067216	Soil	0.5	12.5	10.9	53	<0.1	13.6	5.6	273	1.66	3.9	3.0	1.0	2.9	11	0.1	0.3	3.1	33	0.17	0.049
1067202	Soil	0.5	10.3	14.1	64	<0.1	12.1	5.1	444	1.87	3.2	11.1	3.3	5.8	13	0.3	0.2	3.2	35	0.24	0.088
1067222	Soil	0.5	14.9	26.3	79	<0.1	14.6	8.8	798	2.77	3.4	22.3	2.8	5.1	34	0.1	0.3	0.3	34	0.27	0.075
1066804	Soil	1.1	16.5	12.5	49	0.1	15.7	6.3	203	2.38	5.8	1.7	0.9	1.9	22	0.1	0.2	0.5	54	0.22	0.045
1066808	Soil	1.2	14.5	16.7	71	<0.1	18.2	14.5	777	3.22	9.5	2.0	3.1	2.9	22	0.2	0.3	0.4	67	0.26	0.071
1066807	Soil	0.8	15.8	11.6	64	0.1	20.1	9.6	251	2.75	6.5	1.9	3.9	3.8	23	0.2	0.4	0.3	58	0.32	0.084
1066806	Soil	0.7	17.6	8.9	56	<0.1	18.1	9.3	327	2.68	6.6	2.2	3.2	5.0	23	0.2	0.4	0.3	54	0.34	0.071
1066811	Soil	1.0	15.7	10.9	47	0.2	15.6	6.2	180	2.58	5.5	1.3	6.2	2.2	15	0.3	0.3	0.5	52	0.15	0.033
1066812	Soil	1.2	17.3	14.3	65	0.2	20.3	9.0	368	2.99	8.2	2.0	1.9	3.6	24	0.2	0.4	0.6	63	0.26	0.055
1066810	Soil	1.2	18.2	12.8	76	<0.1	23.4	12.2	623	3.34	9.8	1.8	4.8	4.4	20	0.2	0.4	0.4	72	0.23	0.059
1066809	Soil	1.0	11.1	13.3	52	<0.1	14.1	8.7	378	2.66	7.4	0.5	2.3	1.5	14	0.2	0.3	0.4	63	0.15	0.033
1066827	Soil	1.0	13.9	11.4	70	0.1	19.3	10.2	430	3.07	7.0	1.4	1.7	4.7	19	0.3	0.3	0.6	68	0.25	0.065
1066828	Soil	1.1	15.9	11.7	68	<0.1	18.3	10.2	515	2.84	7.7	2.1	2.3	4.3	23	0.2	0.3	0.8	63	0.30	0.079
1066825	Soil	0.4	9.5	9.1	43	0.1	12.1	4.7	126	1.90	3.6	2.4	2.6	2.4	17	0.1	0.2	0.5	39	0.24	0.059
1066826	Soil	0.9	14.2	12.5	68	<0.1	19.0	9.8	410	2.95	7.2	1.5	3.2	5.1	19	0.3	0.3	0.6	64	0.25	0.057
1066813	Soil	0.9	15.6	11.7	58	0.1	17.9	6.9	208	2.36	5.7	2.5	2.9	2.5	25	0.4	0.3	0.5	53	0.27	0.048
1066830	Soil	1.2	15.9	13.0	69	0.2	18.6	10.1	608	2.99	9.2	1.7	2.6	3.4	23	0.3	0.3	1.1	71	0.26	0.059
1066824	Soil	0.4	8.2	8.5	50	<0.1	12.8	5.3	142	1.86	4.4	1.2	1.8	3.5	18	<0.1	0.3	0.4	40	0.23	0.040
1066829	Soil	0.9	14.8	9.9	39	0.2	12.4	5.0	159	2.15	4.7	1.0	2.6	0.8	15	0.3	0.2	0.6	48	0.16	0.053
1067993	Soil	1.3	13.1	17.7	66	<0.1	21.2	8.4	321	2.78	6.7	1.4	2.4	4.6	13	0.3	0.3	0.7	54	0.22	0.062
1066820	Soil	0.7	16.9	13.4	71	0.2	19.1	8.7	250	3.06	8.9	2.9	8.2	4.1	24	0.3	0.4	0.8	63	0.29	0.076
1066816	Soil	1.0	16.6	13.0	71	0.2	21.1	10.0	244	3.39	8.3	2.1	4.0	5.4	20	0.2	0.3	0.8	66	0.26	0.077
1066831	Soil	1.2	20.2	16.2	79	0.2	19.8	14.6	1077	3.21	9.4	2.4	1.6	2.8	30	0.4	0.3	1.2	72	0.32	0.070
1067995	Soil	1.1	12.4	10.7	59	<0.1	18.2	9.0	376	2.82	8.6	0.9	2.8	4.1	13	0.1	0.4	0.6	61	0.20	0.050
1066821	Soil	0.8	17.8	13.0	71	0.1	19.5	9.8	282	3.10	8.8	2.9	4.2	5.2	20	0.2	0.4	0.6	66	0.28	0.070
1066817	Soil	0.9	20.5	12.0	71	0.1	22.1	10.7	331	2.90	7.8	2.9	4.9	4.7	20	0.2	0.4	1.0	63	0.28	0.062
1066832	Soil	1.1	11.6	9.9	73	<0.1	17.9	8.5	410	2.70	6.2	1.0	1.3	4.8	18	0.2	0.3	0.9	58	0.26	0.062

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Project: ECH
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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1067203	Soil	14	20	0.38	116	0.070	1	1.43	0.010	0.08	0.1	0.02	2.2	0.1	<0.05	4	<0.5	<0.2
1067209	Soil	11	29	0.60	138	0.091	2	1.99	0.013	0.08	0.1	0.04	3.1	0.1	<0.05	5	<0.5	<0.2
1066803	Soil	11	28	0.40	154	0.061	1	2.31	0.010	0.07	0.1	0.05	2.8	0.1	<0.05	7	<0.5	<0.2
1067216	Soil	9	17	0.35	71	0.037	<1	1.28	0.007	0.05	0.1	0.01	1.4	0.1	<0.05	4	<0.5	<0.2
1067202	Soil	17	17	0.27	74	0.053	1	1.14	0.010	0.07	<0.1	0.02	1.8	0.1	<0.05	3	<0.5	<0.2
1067222	Soil	17	16	0.34	141	0.028	<1	1.31	0.008	0.11	<0.1	0.02	3.6	0.2	<0.05	4	<0.5	<0.2
1066804	Soil	12	26	0.43	202	0.065	<1	1.83	0.011	0.07	0.1	0.02	2.5	0.1	<0.05	6	<0.5	<0.2
1066808	Soil	12	34	0.50	232	0.060	1	2.18	0.010	0.08	0.1	0.03	3.2	0.1	<0.05	7	0.6	<0.2
1066807	Soil	13	32	0.55	220	0.065	2	1.95	0.013	0.07	0.3	0.04	3.5	0.1	0.06	6	0.6	<0.2
1066806	Soil	16	27	0.55	199	0.092	2	1.46	0.015	0.08	0.1	0.02	3.6	0.2	0.05	5	<0.5	<0.2
1066811	Soil	12	28	0.35	194	0.061	3	1.98	0.017	0.08	0.1	0.03	2.7	0.1	0.06	7	0.6	<0.2
1066812	Soil	14	35	0.50	259	0.067	2	2.18	0.011	0.08	0.1	0.04	3.6	0.1	0.06	7	<0.5	<0.2
1066810	Soil	13	37	0.65	227	0.074	2	2.40	0.010	0.08	0.2	0.02	3.7	0.1	<0.05	7	0.8	<0.2
1066809	Soil	8	24	0.37	128	0.073	2	1.81	0.011	0.08	0.1	0.03	2.1	0.1	<0.05	7	0.8	<0.2
1066827	Soil	14	35	0.61	193	0.098	2	2.00	0.011	0.11	0.2	0.03	3.5	0.2	<0.05	7	<0.5	<0.2
1066828	Soil	15	31	0.57	206	0.089	2	2.07	0.012	0.13	0.2	0.03	3.6	0.2	0.07	7	0.6	<0.2
1066825	Soil	14	21	0.39	134	0.068	1	1.57	0.014	0.07	0.2	0.04	2.9	0.1	0.07	5	0.7	<0.2
1066826	Soil	14	34	0.60	200	0.101	1	1.95	0.012	0.10	0.2	0.03	3.5	0.2	<0.05	7	0.5	<0.2
1066813	Soil	16	28	0.48	225	0.077	2	1.83	0.015	0.10	0.2	0.03	3.3	0.2	0.05	7	0.7	<0.2
1066830	Soil	12	30	0.54	217	0.099	2	2.03	0.014	0.10	0.2	0.02	3.2	0.1	<0.05	8	0.7	<0.2
1066824	Soil	12	22	0.45	112	0.086	1	1.51	0.012	0.08	0.2	0.04	2.8	0.2	<0.05	6	<0.5	<0.2
1066829	Soil	9	23	0.29	160	0.061	2	1.59	0.013	0.07	<0.1	0.05	1.8	0.1	0.07	7	<0.5	<0.2
1067993	Soil	14	31	0.50	120	0.088	2	1.84	0.012	0.12	0.5	0.03	2.6	0.2	0.05	6	<0.5	<0.2
1066820	Soil	16	33	0.57	241	0.073	2	2.17	0.013	0.09	0.1	0.08	4.9	0.2	0.05	7	<0.5	<0.2
1066816	Soil	17	36	0.60	232	0.075	<1	2.08	0.012	0.10	0.2	0.05	4.2	0.2	<0.05	8	0.7	<0.2
1066831	Soil	14	32	0.54	281	0.094	2	2.42	0.013	0.14	0.2	0.05	3.8	0.2	0.06	9	0.7	<0.2
1067995	Soil	10	29	0.47	103	0.089	1	1.78	0.010	0.09	0.4	0.04	2.5	0.1	0.06	6	0.7	<0.2
1066821	Soil	19	34	0.58	220	0.089	1	2.20	0.012	0.11	0.2	0.04	4.5	0.2	<0.05	7	0.8	<0.2
1066817	Soil	16	36	0.62	219	0.079	2	2.16	0.012	0.09	0.2	0.03	4.3	0.2	<0.05	6	0.6	<0.2
1066832	Soil	12	28	0.57	165	0.113	<1	1.59	0.011	0.13	0.2	<0.01	2.9	0.2	<0.05	7	0.7	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1068942	Soil		0.8	10.9	11.0	51	<0.1	13.1	6.2	166	2.25	5.8	1.6	5.3	3.6	13	0.2	0.3	0.7	54	0.16	0.037
1066823	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1066819	Soil		0.8	13.0	9.0	42	0.3	13.4	4.2	103	3.28	19.1	2.4	2.8	1.1	26	0.2	0.3	0.4	42	0.25	0.119
1066815	Soil		0.9	18.3	12.2	51	0.3	15.9	6.6	142	2.47	7.7	3.5	3.3	1.1	19	0.1	0.3	0.5	51	0.19	0.070
1067992	Soil		1.1	18.8	13.9	68	<0.1	19.0	9.4	436	2.84	7.7	1.1	6.6	2.7	15	0.2	0.4	0.5	60	0.19	0.067
1066822	Soil		0.9	14.9	13.8	73	0.2	18.2	8.3	202	3.11	7.3	2.4	2.8	4.3	19	0.2	0.3	0.7	62	0.27	0.074
1066818	Soil		0.8	16.7	13.5	62	0.3	18.6	7.4	197	2.45	5.8	3.2	2.7	1.4	32	0.2	0.3	1.0	44	0.35	0.090
1066814	Soil		0.9	11.6	9.0	63	<0.1	18.4	9.8	403	2.57	6.1	1.3	2.9	4.5	19	0.2	0.3	0.3	52	0.29	0.061
1068926	Soil		1.1	9.4	12.7	56	0.1	14.7	7.0	326	2.27	5.8	1.0	3.0	3.3	11	0.2	0.3	0.9	49	0.15	0.048
1068944	Soil		0.7	10.6	7.9	43	0.1	12.2	8.1	227	1.64	2.5	8.1	1.3	2.3	22	0.1	0.2	1.2	30	0.37	0.123
1068936	Soil		0.7	15.8	13.0	74	0.1	18.3	9.7	349	2.67	6.5	1.3	2.2	5.6	19	0.2	0.4	0.4	56	0.31	0.068
1067999	Soil		0.8	9.0	7.1	53	<0.1	14.3	7.0	324	1.88	3.8	1.1	3.1	4.6	16	0.2	0.2	0.6	36	0.28	0.068
1068939	Soil		0.6	11.5	9.3	60	0.1	14.6	8.1	297	2.22	5.4	1.3	5.3	3.7	20	0.2	0.3	0.5	47	0.30	0.067
1068934	Soil		1.0	17.6	16.0	67	0.1	21.6	10.7	305	3.02	6.2	2.0	8.0	7.8	15	0.1	0.4	0.8	64	0.18	0.041
1068935	Soil		0.9	19.8	12.3	66	0.1	18.3	9.6	286	2.45	3.9	2.1	17.5	3.8	24	0.2	0.4	0.5	53	0.37	0.069
1067994	Soil		0.9	15.7	13.4	55	<0.1	14.9	6.6	218	2.38	5.8	1.8	6.1	2.5	14	0.1	0.3	0.6	53	0.15	0.051
1068929	Soil		0.3	6.5	5.0	30	<0.1	6.5	4.5	191	1.10	1.8	1.7	1.8	6.1	11	0.1	0.2	0.6	25	0.28	0.101
1068937	Soil		1.0	11.9	9.7	38	<0.1	11.3	4.9	112	1.91	3.7	0.8	4.2	2.7	13	0.1	0.3	0.4	48	0.12	0.021
1068940	Soil		0.4	11.9	8.8	36	<0.1	9.9	4.6	138	1.54	3.4	1.4	4.5	0.8	15	0.1	0.3	0.5	35	0.17	0.043
1067997	Soil		0.6	7.5	7.5	33	<0.1	9.2	3.5	100	1.28	2.2	0.8	5.6	1.3	14	<0.1	0.2	0.3	23	0.13	0.044
1068930	Soil		1.5	13.0	11.0	49	<0.1	11.7	6.4	246	2.48	5.8	2.2	3.8	3.0	13	<0.1	0.3	0.8	56	0.12	0.046
1067998	Soil		1.1	8.9	9.1	27	<0.1	8.7	3.2	101	1.29	2.4	0.9	5.1	1.1	11	<0.1	0.2	0.4	28	0.10	0.039
1068943	Soil		0.6	10.7	10.0	55	<0.1	13.0	7.9	303	1.86	4.9	2.2	5.5	2.9	21	0.2	0.3	0.5	42	0.26	0.054
1067996	Soil		1.3	15.5	13.2	58	<0.1	18.8	8.4	387	2.48	6.9	1.5	3.9	2.7	16	0.2	0.4	0.8	57	0.19	0.056
1033509	Soil		1.7	18.9	13.7	63	<0.1	22.4	14.4	479	3.63	9.9	1.3	2.7	32.1	15	0.2	0.5	0.3	72	0.14	0.028
1033514	Soil		1.7	16.3	7.7	59	<0.1	17.9	9.2	250	2.66	4.6	2.3	3.2	20.5	20	0.2	0.4	0.4	57	0.27	0.050
1068931	Soil		1.1	14.4	12.3	51	<0.1	11.5	7.4	296	2.40	6.1	2.1	2.0	3.0	10	0.1	0.2	1.0	53	0.09	0.043
1068933	Soil		0.7	20.0	12.6	65	0.2	16.0	7.6	298	2.36	5.5	6.9	1.3	5.5	20	0.2	0.3	1.1	47	0.23	0.067
1033511	Soil		0.9	31.5	11.7	60	<0.1	26.2	12.1	309	3.24	14.8	0.9	1.6	8.4	21	0.2	0.6	0.2	74	0.20	0.020
1033512	Soil		2.2	15.2	16.3	58	<0.1	21.3	10.6	418	4.28	9.5	1.6	2.8	22.9	11	0.1	0.5	0.5	95	0.10	0.031

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

Project: ECH
Report Date: July 24, 2011

CERTIFICATE OF ANALYSIS WHI11000532.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1068942	Soil	11	26	0.39	104	0.080	1	1.69	0.012	0.07	0.2	0.04	2.6	0.1	0.07	7	<0.5	<0.2
1066823	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1066819	Soil	13	26	0.31	208	0.044	<1	1.50	0.014	0.06	0.1	0.09	2.6	0.1	0.14	5	1.5	<0.2
1066815	Soil	14	30	0.38	208	0.044	1	2.19	0.016	0.07	0.1	0.08	3.6	0.2	0.08	7	0.9	<0.2
1067992	Soil	12	29	0.48	141	0.073	1	1.91	0.011	0.11	0.4	0.03	2.6	0.2	<0.05	7	<0.5	<0.2
1066822	Soil	15	34	0.59	185	0.071	1	2.06	0.012	0.10	0.2	0.05	3.8	0.2	<0.05	8	<0.5	<0.2
1066818	Soil	17	29	0.47	292	0.050	2	2.12	0.014	0.08	0.2	0.08	4.1	0.2	0.10	7	0.6	<0.2
1066814	Soil	13	30	0.56	152	0.084	<1	1.54	0.011	0.08	0.2	0.02	2.9	0.1	<0.05	6	0.5	<0.2
1068926	Soil	9	26	0.41	106	0.069	2	1.52	0.010	0.09	0.3	0.05	2.1	0.1	0.07	6	0.5	<0.2
1068944	Soil	13	20	0.37	159	0.045	<1	1.25	0.011	0.09	0.2	0.06	2.4	0.2	0.08	4	0.6	<0.2
1068936	Soil	14	30	0.56	189	0.077	<1	1.86	0.012	0.08	0.2	0.03	3.2	0.2	<0.05	7	<0.5	<0.2
1067999	Soil	11	22	0.43	112	0.080	1	1.18	0.010	0.11	0.7	0.02	2.0	0.1	<0.05	5	<0.5	<0.2
1068939	Soil	11	25	0.48	165	0.073	1	1.57	0.016	0.06	0.2	0.05	2.5	0.1	<0.05	6	0.5	<0.2
1068934	Soil	20	38	0.58	185	0.089	1	2.46	0.011	0.07	0.3	0.04	4.1	0.2	<0.05	8	<0.5	<0.2
1068935	Soil	15	30	0.59	222	0.087	2	1.88	0.017	0.07	0.2	0.06	4.0	0.2	0.05	7	<0.5	<0.2
1067994	Soil	11	27	0.42	109	0.074	2	1.74	0.013	0.09	0.4	0.03	2.6	0.2	<0.05	7	<0.5	<0.2
1068929	Soil	11	11	0.26	64	0.049	<1	0.65	0.007	0.06	0.6	0.01	1.3	<0.1	<0.05	3	<0.5	<0.2
1068937	Soil	9	21	0.32	91	0.071	1	1.37	0.012	0.04	0.2	0.03	1.9	0.1	<0.05	6	<0.5	<0.2
1068940	Soil	9	19	0.31	129	0.055	<1	1.14	0.017	0.04	0.1	0.04	1.5	0.1	<0.05	5	<0.5	<0.2
1067997	Soil	11	17	0.30	96	0.066	<1	1.08	0.012	0.06	0.6	0.05	1.6	0.1	<0.05	5	<0.5	<0.2
1068930	Soil	13	24	0.36	92	0.062	<1	1.58	0.010	0.07	0.3	0.04	2.2	0.1	<0.05	6	<0.5	<0.2
1067998	Soil	9	19	0.21	61	0.059	<1	1.00	0.011	0.06	0.3	0.05	1.3	0.1	<0.05	5	<0.5	<0.2
1068943	Soil	11	21	0.41	137	0.073	<1	1.40	0.016	0.07	0.2	0.05	2.4	0.1	<0.05	5	<0.5	<0.2
1067996	Soil	11	31	0.41	130	0.076	1	1.71	0.011	0.08	0.6	0.03	2.4	0.2	<0.05	7	<0.5	<0.2
1033509	Soil	22	37	0.51	150	0.076	1	2.56	0.010	0.07	0.2	0.03	4.2	0.1	<0.05	7	<0.5	<0.2
1033514	Soil	52	32	0.78	153	0.130	1	1.65	0.016	0.20	1.0	0.02	3.6	0.2	<0.05	7	0.7	<0.2
1068931	Soil	11	22	0.33	105	0.066	<1	1.65	0.012	0.08	0.2	0.04	2.1	0.2	<0.05	7	<0.5	<0.2
1068933	Soil	27	29	0.46	150	0.080	1	1.84	0.013	0.11	0.3	0.04	4.3	0.2	<0.05	6	<0.5	<0.2
1033511	Soil	24	40	0.66	213	0.087	2	2.55	0.012	0.07	0.1	0.03	4.9	<0.1	<0.05	6	<0.5	<0.2
1033512	Soil	10	53	0.67	109	0.073	<1	2.39	0.007	0.09	0.5	0.02	3.9	0.3	<0.05	14	0.7	<0.2

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Project: ECH
Report Date: July 24, 2011

CERTIFICATE OF ANALYSIS WHI11000532.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1066984	Soil		2.1	16.2	10.3	60	<0.1	18.2	10.2	307	2.63	6.9	2.5	4.5	27.3	15	0.2	0.4	0.6	56	0.16	0.042
1068938	Soil		1.0	14.4	11.2	62	<0.1	19.6	8.3	245	2.17	5.0	1.1	4.6	3.1	21	0.2	0.3	0.5	52	0.26	0.046
1033508	Soil		1.4	22.2	12.8	64	<0.1	23.0	9.7	271	2.87	7.8	2.3	1.9	18.7	28	0.1	0.5	0.4	60	0.31	0.054
1033510	Soil		1.7	20.6	15.3	74	<0.1	43.4	24.7	774	5.17	4.3	3.5	3.8	40.1	12	0.2	0.3	0.7	75	0.15	0.045
1068174	Soil		2.6	18.2	10.4	57	<0.1	17.8	10.2	375	2.78	6.3	2.7	5.0	19.2	17	0.2	0.4	0.5	58	0.22	0.059
1068928	Soil		1.2	11.2	11.7	49	<0.1	13.4	8.8	391	2.37	5.2	1.6	3.4	5.6	15	0.1	0.3	1.0	54	0.13	0.023
1033504	Soil		2.1	12.1	10.4	53	<0.1	17.0	8.5	239	2.61	4.6	2.0	5.2	28.9	14	0.1	0.3	0.3	57	0.22	0.047
1033513	Soil		1.6	30.6	13.3	70	<0.1	28.4	12.5	428	3.27	11.1	1.7	5.7	29.9	22	0.3	0.6	0.3	70	0.23	0.064
1033515	Soil		1.6	15.2	13.0	54	<0.1	17.9	9.5	286	3.73	10.7	0.7	3.5	10.2	12	0.2	0.5	0.3	79	0.12	0.035
1068932	Soil		1.5	14.0	11.8	43	0.1	13.6	6.0	305	2.13	6.6	1.9	4.4	2.2	13	0.2	0.3	1.0	61	0.11	0.035
1066796	Soil		1.2	13.7	11.7	34	<0.1	8.8	6.1	351	1.84	4.4	1.8	2.2	2.3	13	0.2	0.3	0.2	44	0.12	0.042
1033520	Soil		1.0	12.2	6.6	82	<0.1	13.8	14.9	688	4.04	2.5	1.9	1.1	18.5	20	0.2	0.2	0.5	95	0.57	0.161
1033502	Soil		2.6	28.7	12.8	71	<0.1	26.6	12.4	406	3.45	7.4	5.8	2.1	27.0	26	0.1	0.5	0.4	74	0.35	0.060
1033505	Soil		2.3	18.7	10.2	66	<0.1	23.6	11.6	374	3.14	6.5	3.0	5.5	27.7	20	0.2	0.4	0.3	68	0.28	0.059
1066793	Soil		0.6	11.7	9.8	47	<0.1	13.7	5.8	147	1.99	4.2	2.4	3.4	3.8	16	<0.1	0.3	0.2	41	0.19	0.072
1033518	Soil		1.4	14.1	11.6	66	<0.1	31.5	13.4	371	2.68	5.3	1.4	4.1	21.0	26	0.2	0.4	0.2	66	0.44	0.069
1033521	Soil		1.0	12.5	7.9	73	<0.1	14.1	12.4	552	3.42	3.0	1.9	1.2	20.3	19	0.2	0.2	0.5	79	0.45	0.138
1033503	Soil		1.7	17.9	11.0	62	<0.1	23.9	13.5	383	3.43	9.6	1.3	2.7	23.5	16	0.2	0.5	0.3	65	0.17	0.047
1066797	Soil		1.9	14.7	30.4	66	<0.1	22.0	16.9	876	4.04	6.9	1.4	<0.5	11.9	10	0.1	0.5	0.5	56	0.13	0.049
1033506	Soil		4.0	23.6	14.4	67	0.1	28.2	11.6	458	3.15	8.2	5.3	2.8	36.8	20	<0.1	0.3	0.4	64	0.34	0.065
1033519	Soil		1.8	21.8	16.8	74	<0.1	32.9	18.4	743	3.40	8.2	1.8	2.2	46.7	14	0.2	0.4	0.3	74	0.22	0.054
1033517	Soil		1.7	17.5	12.4	66	<0.1	22.3	11.5	430	3.69	7.8	0.7	1.3	15.1	10	0.2	0.4	0.2	87	0.14	0.050
1066794	Soil		1.0	22.3	13.1	72	<0.1	25.7	12.2	259	2.77	7.1	2.2	2.4	11.0	15	0.2	0.4	0.2	58	0.26	0.075
1033516	Soil		2.2	17.1	11.9	68	<0.1	23.4	11.5	351	4.17	11.7	0.6	0.7	12.0	12	0.2	0.5	0.2	109	0.15	0.043
1033501	Soil		2.3	19.5	9.7	64	<0.1	23.3	10.7	300	3.06	6.0	2.3	2.3	23.9	17	0.1	0.4	0.4	67	0.30	0.058
1033507	Soil		4.4	29.9	15.0	73	0.1	37.0	11.3	259	3.47	8.7	4.3	4.2	31.2	21	0.1	0.5	0.4	73	0.31	0.063
1066792	Soil		0.4	5.9	6.4	17	<0.1	4.5	2.5	60	0.75	1.7	1.5	<0.5	0.6	7	<0.1	0.1	<0.1	22	0.07	0.038
1066852	Soil		1.2	18.3	15.3	72	<0.1	35.6	15.6	489	4.45	10.1	0.8	0.5	7.9	18	0.2	0.4	0.3	95	0.24	0.048
1066854	Soil		1.2	33.9	14.0	80	<0.1	30.5	13.4	409	3.57	10.0	1.3	2.1	7.9	16	<0.1	0.5	0.2	77	0.29	0.088
1066798	Soil		2.7	19.9	21.9	71	<0.1	24.6	16.3	893	3.94	6.6	1.7	1.3	13.4	12	0.2	0.3	0.3	60	0.17	0.067

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1066984	Soil	31	27	0.50	144	0.101	1	2.12	0.011	0.10	0.8	0.02	3.1	0.2	<0.05	8	<0.5	<0.2
1068938	Soil	11	30	0.51	167	0.085	<1	1.60	0.014	0.06	0.2	0.03	2.5	0.2	<0.05	6	<0.5	<0.2
1033508	Soil	31	36	0.60	259	0.091	2	1.97	0.013	0.08	0.4	0.04	4.6	0.3	<0.05	7	<0.5	<0.2
1033510	Soil	33	59	0.96	133	0.032	<1	2.48	0.007	0.08	0.3	0.02	7.8	0.2	<0.05	9	<0.5	<0.2
1068174	Soil	51	29	0.73	156	0.122	1	2.02	0.014	0.16	2.4	0.02	3.7	0.2	<0.05	8	<0.5	<0.2
1068928	Soil	12	25	0.36	120	0.088	<1	1.75	0.015	0.08	0.2	0.03	2.5	0.2	<0.05	7	<0.5	<0.2
1033504	Soil	40	31	0.60	99	0.118	1	1.58	0.014	0.21	1.0	0.02	3.5	0.3	<0.05	7	<0.5	<0.2
1033513	Soil	57	37	0.58	234	0.085	2	2.39	0.014	0.09	0.2	0.04	5.0	0.1	<0.05	8	0.6	<0.2
1033515	Soil	10	36	0.50	101	0.096	1	2.52	0.011	0.06	0.2	0.03	3.1	0.1	<0.05	8	<0.5	<0.2
1068932	Soil	15	24	0.28	120	0.081	<1	1.32	0.011	0.08	0.2	0.03	1.9	0.2	<0.05	7	<0.5	<0.2
1066796	Soil	21	18	0.25	108	0.047	<1	1.05	0.014	0.06	0.2	0.03	1.8	<0.1	<0.05	5	<0.5	<0.2
1033520	Soil	30	22	0.92	320	0.158	<1	1.76	0.018	0.46	0.2	<0.01	6.2	0.3	<0.05	9	<0.5	<0.2
1033502	Soil	58	47	0.87	244	0.147	1	2.32	0.017	0.28	1.0	0.04	7.0	0.3	<0.05	9	1.3	<0.2
1033505	Soil	57	39	0.72	180	0.129	1	1.97	0.015	0.21	0.7	0.02	4.5	0.3	<0.05	7	<0.5	<0.2
1066793	Soil	19	24	0.48	123	0.080	1	1.53	0.014	0.10	0.3	0.04	2.6	0.2	<0.05	6	<0.5	<0.2
1033518	Soil	42	59	0.83	171	0.109	<1	1.81	0.021	0.11	0.3	0.02	4.0	0.1	<0.05	7	<0.5	<0.2
1033521	Soil	27	24	0.81	278	0.147	<1	1.62	0.016	0.35	0.2	<0.01	5.0	0.3	<0.05	8	<0.5	<0.2
1033503	Soil	17	36	0.62	136	0.104	2	2.82	0.013	0.09	0.7	0.04	3.4	0.2	<0.05	8	0.6	<0.2
1066797	Soil	25	31	0.32	122	0.064	2	1.47	0.006	0.10	0.3	0.02	3.0	<0.1	<0.05	5	<0.5	<0.2
1033506	Soil	91	48	0.47	278	0.075	<1	2.22	0.010	0.14	0.7	0.04	5.9	0.2	<0.05	7	<0.5	<0.2
1033519	Soil	38	51	0.52	161	0.087	3	2.09	0.010	0.08	0.3	0.03	3.7	0.1	<0.05	6	<0.5	<0.2
1033517	Soil	12	40	0.37	119	0.066	<1	2.12	0.008	0.05	0.3	0.03	2.6	<0.1	<0.05	8	0.5	<0.2
1066794	Soil	23	37	0.54	175	0.096	<1	1.97	0.008	0.11	0.3	0.02	3.7	0.1	<0.05	6	<0.5	<0.2
1033516	Soil	9	45	0.49	180	0.098	2	2.42	0.008	0.07	0.5	0.03	3.4	0.1	<0.05	9	0.5	<0.2
1033501	Soil	60	40	0.82	182	0.138	1	1.90	0.012	0.23	0.8	0.02	3.7	0.2	<0.05	7	<0.5	<0.2
1033507	Soil	57	61	0.53	329	0.093	2	2.46	0.012	0.10	0.6	0.05	6.3	0.2	<0.05	7	<0.5	<0.2
1066792	Soil	9	10	0.11	50	0.036	1	0.50	0.016	0.03	0.1	0.02	0.8	<0.1	<0.05	2	<0.5	<0.2
1066852	Soil	18	74	0.75	176	0.103	2	2.92	0.007	0.07	0.2	0.03	4.0	0.1	<0.05	9	0.7	<0.2
1066854	Soil	24	39	0.55	176	0.102	1	2.47	0.011	0.10	0.2	0.05	4.5	0.2	<0.05	7	<0.5	<0.2
1066798	Soil	27	38	0.38	167	0.035	1	1.94	0.005	0.12	0.2	0.02	3.9	0.1	<0.05	6	<0.5	<0.2

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

Project: ECH
Report Date: July 24, 2011

CERTIFICATE OF ANALYSIS WHI11000532.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1066790	Soil		1.1	14.9	13.2	50	0.2	16.2	7.5	130	2.26	4.8	2.8	<0.5	4.8	11	<0.1	0.3	0.2	50	0.14	0.072
1066788	Soil		1.3	17.4	11.9	70	<0.1	23.7	11.9	414	3.11	7.8	2.2	1.1	13.6	14	0.2	0.4	0.2	65	0.24	0.077
1066853	Soil		1.0	27.2	17.0	63	<0.1	31.7	14.3	323	3.98	11.1	0.8	1.4	7.3	19	0.2	0.5	0.7	87	0.23	0.042
1066795	Soil		2.3	17.3	14.2	68	<0.1	20.0	15.1	857	3.59	8.1	1.7	<0.5	10.6	13	0.2	0.4	0.2	75	0.17	0.060
1066791	Soil		1.2	21.8	13.3	69	<0.1	24.1	10.4	239	3.15	8.2	4.6	1.2	19.7	13	0.1	0.3	0.3	63	0.27	0.094
1066855	Soil		1.2	30.6	13.6	70	<0.1	32.2	17.0	486	4.13	8.1	0.7	<0.5	2.6	12	0.1	0.4	0.2	105	0.23	0.051
1066786	Soil		4.7	12.8	25.4	55	0.1	38.1	11.1	498	2.83	6.0	1.1	<0.5	11.8	12	0.1	0.3	0.3	64	0.16	0.057
1066787	Soil		1.0	20.0	8.8	51	0.3	16.8	6.4	149	1.80	5.5	3.6	<0.5	4.8	19	0.1	0.3	0.2	43	0.24	0.120
1066799	Soil		0.9	16.5	18.9	58	<0.1	19.6	9.5	261	2.63	4.8	1.7	0.6	12.6	13	<0.1	0.2	0.2	47	0.20	0.052
1066789	Soil		1.2	16.6	12.7	70	0.1	21.9	9.8	222	2.86	7.3	2.1	<0.5	9.2	13	0.1	0.4	0.2	66	0.20	0.055
1066800	Soil		1.7	20.0	19.6	72	<0.1	22.2	17.4	1058	3.47	7.7	1.2	<0.5	4.3	12	0.2	0.4	0.3	69	0.18	0.066
1066851	Soil		1.4	16.3	19.3	66	<0.1	19.2	11.8	377	3.15	5.7	2.4	1.7	8.5	9	0.1	0.2	1.5	57	0.23	0.090
1066761	Soil		0.9	21.3	10.8	70	0.1	21.6	14.4	582	3.11	7.3	1.7	<0.5	4.0	19	0.2	0.3	0.4	69	0.27	0.064
1066865	Soil		0.7	17.2	11.8	67	0.1	18.6	9.8	250	2.54	7.2	1.8	3.6	2.7	17	0.1	0.3	0.6	55	0.26	0.064
1066861	Soil		0.9	29.4	11.6	79	0.1	26.2	14.0	476	2.92	6.7	1.4	2.7	5.5	26	0.2	0.5	0.2	64	0.43	0.079
1066859	Soil		0.9	23.4	12.3	73	0.1	22.5	10.1	201	3.00	6.9	1.2	<0.5	5.6	19	0.1	0.4	0.3	64	0.37	0.071
1066768	Soil		1.3	14.1	10.4	73	<0.1	20.3	11.0	541	3.05	8.5	1.2	1.3	5.1	16	0.2	0.3	0.4	72	0.24	0.060
1066867	Soil		0.8	20.2	12.2	67	0.1	19.0	9.8	224	2.70	6.9	2.4	2.2	4.9	18	0.2	0.5	0.6	60	0.28	0.061
1066862	Soil		0.8	24.7	11.1	74	<0.1	23.1	10.9	333	2.76	6.9	1.2	2.1	5.4	21	0.2	0.4	0.3	60	0.35	0.069
1066860	Soil		0.9	29.7	12.6	78	0.2	26.8	14.0	477	2.92	6.2	1.5	3.2	4.8	27	0.2	0.5	0.2	64	0.43	0.076
1066769	Soil		1.3	22.5	12.6	81	0.2	23.6	12.7	568	3.32	8.3	1.9	<0.5	3.5	20	0.4	0.3	0.6	73	0.27	0.076
1066866	Soil		0.7	19.1	11.8	67	0.1	18.9	9.7	221	2.60	7.1	1.9	<0.5	4.5	17	0.2	0.4	0.5	59	0.27	0.067
1066856	Soil		1.0	23.1	12.4	70	<0.1	25.3	13.1	414	3.23	6.6	1.0	1.1	7.4	17	<0.1	0.3	0.2	71	0.34	0.077
1066863	Soil		0.7	17.8	10.6	64	0.1	18.5	10.1	282	2.60	6.7	1.5	11.7	3.0	25	0.2	0.5	0.3	55	0.29	0.074
1066762	Soil		0.7	14.0	7.7	62	<0.1	15.7	9.4	460	2.42	4.4	1.5	9.9	4.9	23	0.1	0.2	0.5	51	0.31	0.069
1066864	Soil		0.7	23.3	10.1	66	<0.1	19.1	8.9	318	2.36	6.2	4.2	4.3	4.8	28	0.2	0.5	0.5	52	0.36	0.071
1066858	Soil		0.9	25.0	14.4	85	<0.1	22.3	10.3	313	2.79	6.0	1.6	7.0	6.6	24	0.1	0.4	0.3	54	0.40	0.083
1066857	Soil		0.9	18.9	12.9	60	0.2	15.8	8.9	474	2.05	5.3	1.9	5.3	2.2	42	0.3	0.4	0.4	41	0.93	0.097
1066772	Soil		1.2	23.2	11.4	74	0.2	24.7	12.8	491	3.29	7.2	2.2	7.5	6.2	29	0.2	0.4	0.4	64	0.33	0.075
1066780	Soil		1.0	15.4	12.0	62	<0.1	18.0	19.3	863	3.00	7.1	1.9	3.7	6.5	22	0.1	0.4	0.4	62	0.26	0.055

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Project: ECH
Report Date: July 24, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1066790	Soil		26	32	0.39	132	0.068	2	1.70	0.010	0.09	0.3	0.07	2.7	0.2	<0.05	6	0.6	<0.2
1066788	Soil		28	39	0.60	147	0.119	2	2.09	0.009	0.22	0.5	0.03	3.2	0.2	<0.05	7	<0.5	<0.2
1066853	Soil		20	49	0.56	196	0.107	2	2.89	0.010	0.08	0.2	0.02	4.1	0.1	<0.05	8	0.6	<0.2
1066795	Soil		22	38	0.53	129	0.101	1	1.84	0.007	0.12	0.4	0.04	3.3	0.1	<0.05	8	<0.5	<0.2
1066791	Soil		42	39	0.57	173	0.120	2	2.25	0.009	0.18	0.6	0.04	4.2	0.2	<0.05	7	0.7	<0.2
1066855	Soil		6	49	0.71	115	0.167	2	2.47	0.011	0.09	0.2	0.03	3.4	0.1	<0.05	9	<0.5	<0.2
1066786	Soil		17	64	0.50	107	0.113	3	1.66	0.010	0.20	0.4	0.07	2.7	0.2	<0.05	7	<0.5	<0.2
1066787	Soil		37	33	0.38	189	0.061	2	1.56	0.014	0.10	0.4	0.08	2.5	0.1	0.07	5	<0.5	<0.2
1066799	Soil		32	31	0.45	166	0.058	<1	1.65	0.007	0.09	0.2	0.03	3.4	<0.1	<0.05	5	<0.5	<0.2
1066789	Soil		29	37	0.59	149	0.112	2	2.02	0.009	0.18	0.5	0.03	3.3	0.2	<0.05	7	<0.5	<0.2
1066800	Soil		21	39	0.42	155	0.052	2	1.72	0.008	0.10	0.2	0.03	3.0	<0.1	<0.05	6	<0.5	<0.2
1066851	Soil		15	34	0.44	99	0.031	1	1.83	0.005	0.08	0.2	0.01	3.0	0.1	<0.05	6	<0.5	<0.2
1066761	Soil		14	37	0.48	215	0.096	2	2.22	0.010	0.09	0.2	0.05	3.8	0.1	<0.05	7	<0.5	<0.2
1066865	Soil		11	29	0.41	171	0.071	1	1.82	0.010	0.06	0.2	0.04	2.7	0.1	<0.05	6	<0.5	<0.2
1066861	Soil		16	41	0.57	266	0.109	1	1.97	0.015	0.08	0.2	0.05	4.2	0.2	<0.05	6	<0.5	<0.2
1066859	Soil		14	37	0.55	166	0.109	1	1.88	0.014	0.09	0.2	0.05	3.3	0.1	<0.05	6	<0.5	<0.2
1066768	Soil		13	36	0.51	176	0.128	1	1.97	0.010	0.12	0.2	0.02	3.3	0.2	<0.05	7	<0.5	<0.2
1066867	Soil		14	32	0.43	199	0.095	2	2.02	0.011	0.06	0.2	0.04	3.5	0.1	<0.05	6	<0.5	<0.2
1066862	Soil		15	36	0.50	243	0.090	2	1.90	0.013	0.06	0.2	0.05	3.8	0.1	<0.05	6	<0.5	<0.2
1066860	Soil		15	40	0.54	269	0.095	1	1.95	0.015	0.08	0.2	0.06	4.2	0.1	<0.05	6	<0.5	<0.2
1066769	Soil		15	40	0.51	217	0.117	2	2.27	0.011	0.15	0.2	0.04	3.3	0.2	<0.05	9	<0.5	<0.2
1066866	Soil		13	29	0.41	186	0.083	2	1.95	0.011	0.05	0.2	0.04	3.1	0.1	<0.05	6	<0.5	<0.2
1066856	Soil		15	38	0.53	168	0.131	2	2.23	0.011	0.15	0.3	0.02	3.0	0.2	<0.05	7	<0.5	<0.2
1066863	Soil		13	30	0.51	215	0.066	2	1.73	0.015	0.05	0.2	0.04	3.0	<0.1	<0.05	6	<0.5	<0.2
1066762	Soil		15	27	0.55	185	0.118	2	1.53	0.015	0.14	0.2	0.02	3.1	<0.1	<0.05	6	<0.5	<0.2
1066864	Soil		15	29	0.52	207	0.100	2	1.54	0.020	0.07	0.2	0.03	3.4	<0.1	<0.05	5	1.0	<0.2
1066858	Soil		20	35	0.63	198	0.092	1	1.92	0.018	0.09	0.2	0.04	3.5	<0.1	<0.05	6	<0.5	<0.2
1066857	Soil		22	25	0.39	154	0.054	1	1.37	0.023	0.07	0.2	0.04	2.9	<0.1	0.05	5	0.6	<0.2
1066772	Soil		23	42	0.69	258	0.110	2	2.29	0.016	0.13	0.2	0.04	4.5	<0.1	<0.05	8	1.1	<0.2
1066780	Soil		15	33	0.59	174	0.117	1	1.95	0.016	0.11	0.1	0.02	3.5	<0.1	<0.05	7	<0.5	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1066765	Soil		1.2	18.5	11.2	70	<0.1	22.6	10.9	391	2.92	5.9	1.8	2.1	6.7	26	0.2	0.4	0.4	59	0.34	0.068
1066770	Soil		1.0	48.5	16.9	85	0.4	29.9	12.7	747	3.32	7.7	13.2	5.5	4.4	66	0.5	0.4	1.0	60	0.73	0.083
1066773	Soil		1.5	13.8	11.0	70	0.1	20.1	15.3	781	3.12	7.2	1.1	6.0	6.7	19	0.2	0.3	0.5	63	0.28	0.087
1066775	Soil		0.8	19.3	9.7	61	<0.1	19.7	10.1	386	2.91	6.1	2.4	3.9	8.1	28	0.2	0.3	0.2	57	0.34	0.072
1066777	Soil		1.0	17.7	9.8	59	<0.1	21.0	11.4	376	3.04	6.5	1.4	4.7	8.1	22	0.1	0.3	0.2	58	0.30	0.076
1066764	Soil		0.8	17.7	12.8	71	0.1	19.4	15.2	719	2.97	6.6	1.5	3.9	3.9	27	0.3	0.3	0.3	65	0.30	0.062
1066774	Soil		1.0	20.5	9.7	62	0.1	21.3	10.2	391	2.98	6.6	2.5	3.9	8.4	29	0.1	0.3	0.2	59	0.36	0.075
1066776	Soil		0.8	16.6	11.1	61	<0.1	19.9	10.3	342	2.98	6.2	1.7	4.6	7.8	25	0.1	0.4	0.2	59	0.32	0.065
1066779	Soil		0.9	20.2	9.6	62	0.1	20.3	10.7	437	2.70	5.8	3.4	6.9	6.2	30	0.1	0.4	0.4	55	0.39	0.072
1066767	Soil		0.9	15.7	12.2	64	0.1	15.1	8.7	441	2.59	6.0	2.5	4.4	3.9	19	0.2	0.3	0.7	59	0.20	0.051
1066763	Soil		1.0	16.8	9.1	69	<0.1	19.2	15.7	775	2.83	6.0	1.5	3.8	4.6	22	0.1	0.3	0.4	62	0.25	0.062
1066771	Soil		1.0	25.0	10.2	67	<0.1	23.6	10.7	402	3.09	6.3	1.7	5.8	7.9	32	0.1	0.4	0.2	60	0.39	0.070
1066778	Soil		0.9	12.2	8.3	67	<0.1	17.8	10.5	434	2.73	4.9	1.5	4.2	7.1	20	<0.1	0.3	0.3	54	0.31	0.075
1066766	Soil		0.8	14.5	9.7	72	<0.1	15.5	10.0	579	2.71	6.0	2.3	3.2	5.3	20	0.3	0.3	1.4	56	0.26	0.072
1066781	Soil		1.0	12.3	9.7	60	<0.1	16.9	8.9	375	2.56	6.2	1.5	2.2	5.7	19	<0.1	0.3	0.5	56	0.28	0.070
1066751	Soil		0.9	11.7	9.5	72	<0.1	14.6	9.1	468	2.54	5.6	1.2	3.5	5.2	22	0.2	0.3	1.0	57	0.32	0.074
1066757	Soil		0.5	12.8	8.7	62	<0.1	13.5	7.4	339	2.11	3.7	2.5	3.1	5.8	20	0.2	0.2	0.6	46	0.29	0.068
1066782	Soil		0.8	15.9	10.9	64	0.1	17.6	10.2	419	2.68	7.1	2.5	16.2	4.7	29	0.1	0.3	0.4	60	0.36	0.076
1067990	Soil		0.3	16.9	10.5	66	<0.1	18.7	7.0	242	1.85	2.8	2.8	5.0	4.1	18	0.3	0.3	0.6	43	0.27	0.079
1066758	Soil		1.0	22.8	14.4	72	0.1	19.3	8.6	340	2.89	7.8	3.7	5.7	3.9	25	0.2	0.3	0.7	67	0.23	0.047
1066754	Soil		1.2	14.9	10.9	68	0.1	19.2	8.5	372	2.81	7.4	1.5	3.7	4.3	23	0.2	0.4	0.6	65	0.27	0.055
1066783	Soil		0.9	15.9	11.6	62	0.1	16.9	16.5	604	2.74	7.2	2.4	5.9	3.8	28	0.2	0.3	0.3	63	0.33	0.066
1067991	Soil		0.4	14.7	8.9	55	<0.1	16.0	7.5	348	2.02	4.0	4.1	4.8	3.6	14	0.2	0.3	0.4	47	0.21	0.085
1066759	Soil		0.9	23.6	13.4	79	0.2	19.7	10.5	596	2.79	6.7	5.9	4.3	2.4	35	0.3	0.3	0.6	65	0.36	0.056
1066756	Soil		1.4	20.3	13.4	81	0.2	20.1	12.8	575	2.91	8.4	2.3	3.6	3.4	27	0.3	0.3	0.7	69	0.27	0.055
1066752	Soil		1.3	15.1	11.2	72	0.1	17.4	10.0	516	2.71	7.1	1.8	2.5	3.6	24	0.3	0.3	1.0	65	0.28	0.061
1067988	Soil		0.6	16.7	12.4	78	<0.1	20.1	8.1	343	2.24	5.8	1.6	4.4	3.1	16	0.3	0.3	0.3	49	0.21	0.078
1066760	Soil		1.0	16.8	12.4	74	0.1	17.5	11.1	650	2.66	6.2	3.3	3.5	4.3	29	0.3	0.3	0.6	60	0.33	0.066
1066755	Soil		1.1	9.1	8.3	54	<0.1	13.3	7.8	480	2.37	6.4	0.8	2.2	2.4	22	0.1	0.3	0.6	59	0.29	0.041
1066753	Soil		1.2	15.2	12.0	75	0.1	18.1	10.1	568	2.76	6.7	1.9	1.4	3.5	24	0.1	0.3	0.9	60	0.30	0.057

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

Project: ECH
Report Date: July 24, 2011

CERTIFICATE OF ANALYSIS WHI11000532.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1066765	Soil	18	40	0.69	190	0.142	2	1.87	0.016	0.13	0.2	0.02	4.1	<0.1	<0.05	7	0.6	<0.2
1066770	Soil	40	40	0.63	415	0.090	2	2.79	0.020	0.18	0.2	0.07	7.2	0.1	<0.05	9	0.7	<0.2
1066773	Soil	16	35	0.56	173	0.111	2	1.93	0.015	0.12	0.5	0.02	3.2	<0.1	<0.05	8	<0.5	<0.2
1066775	Soil	24	34	0.59	227	0.104	1	1.85	0.016	0.10	0.1	0.03	4.1	<0.1	<0.05	7	1.0	<0.2
1066777	Soil	19	37	0.60	184	0.106	<1	1.91	0.014	0.10	0.1	0.02	3.6	<0.1	<0.05	7	0.8	<0.2
1066764	Soil	17	36	0.60	233	0.107	2	2.11	0.017	0.09	0.2	0.03	3.7	<0.1	<0.05	8	1.1	<0.2
1066774	Soil	25	37	0.61	231	0.109	1	1.85	0.017	0.11	0.2	0.03	4.4	<0.1	<0.05	7	<0.5	<0.2
1066776	Soil	20	35	0.62	207	0.108	1	1.99	0.015	0.09	0.2	0.02	3.6	<0.1	<0.05	7	0.7	<0.2
1066779	Soil	22	34	0.58	214	0.113	1	1.80	0.019	0.12	0.2	0.02	4.3	<0.1	<0.05	7	1.4	<0.2
1066767	Soil	14	28	0.50	164	0.114	2	1.87	0.016	0.13	0.1	0.01	3.0	0.1	<0.05	8	<0.5	<0.2
1066763	Soil	15	34	0.62	186	0.118	1	1.86	0.017	0.12	0.1	0.04	3.4	<0.1	<0.05	7	0.7	<0.2
1066771	Soil	24	39	0.72	228	0.144	2	1.99	0.019	0.16	0.2	0.03	4.6	<0.1	<0.05	7	<0.5	<0.2
1066778	Soil	16	33	0.62	174	0.134	<1	1.72	0.015	0.18	0.2	0.01	3.5	0.1	<0.05	7	<0.5	<0.2
1066766	Soil	15	28	0.58	166	0.125	1	1.84	0.013	0.16	0.1	0.02	3.5	0.1	<0.05	7	<0.5	<0.2
1066781	Soil	15	30	0.56	143	0.126	2	1.66	0.015	0.14	0.2	0.02	3.2	<0.1	<0.05	6	<0.5	<0.2
1066751	Soil	13	27	0.58	148	0.140	2	1.62	0.014	0.18	0.2	<0.01	3.0	0.1	<0.05	7	<0.5	<0.2
1066757	Soil	17	25	0.52	137	0.118	1	1.40	0.014	0.16	0.2	0.01	3.0	0.1	<0.05	5	<0.5	<0.2
1066782	Soil	16	30	0.57	215	0.105	2	1.90	0.017	0.09	0.2	0.03	3.6	0.2	<0.05	6	0.6	<0.2
1067990	Soil	14	28	0.47	98	0.096	1	1.61	0.015	0.09	<0.1	0.01	2.8	<0.1	<0.05	5	<0.5	<0.2
1066758	Soil	16	34	0.53	240	0.109	2	2.23	0.016	0.11	0.1	0.02	3.9	<0.1	<0.05	8	1.1	<0.2
1066754	Soil	14	34	0.54	172	0.120	1	1.91	0.015	0.12	0.2	0.02	3.3	<0.1	<0.05	7	<0.5	<0.2
1066783	Soil	17	31	0.55	226	0.092	1	1.95	0.018	0.08	0.2	0.04	3.7	<0.1	<0.05	7	0.7	<0.2
1067991	Soil	13	27	0.40	78	0.092	1	1.79	0.012	0.08	0.2	0.03	2.5	<0.1	<0.05	6	0.6	<0.2
1066759	Soil	18	32	0.56	267	0.097	2	2.18	0.018	0.14	0.1	0.03	3.6	<0.1	<0.05	8	<0.5	<0.2
1066756	Soil	13	35	0.56	227	0.113	2	2.13	0.015	0.12	0.2	0.02	3.7	<0.1	<0.05	8	<0.5	<0.2
1066752	Soil	13	31	0.53	176	0.111	2	1.92	0.016	0.12	0.2	0.02	3.0	<0.1	<0.05	7	<0.5	<0.2
1067988	Soil	9	26	0.45	75	0.078	1	1.78	0.014	0.05	0.1	0.03	2.2	<0.1	<0.05	5	<0.5	<0.2
1066760	Soil	17	31	0.57	226	0.111	1	1.87	0.016	0.15	0.2	0.03	3.5	<0.1	<0.05	7	0.6	<0.2
1066755	Soil	10	23	0.43	120	0.095	2	1.32	0.011	0.10	0.1	0.01	1.9	0.1	0.10	6	<0.5	<0.2
1066753	Soil	12	30	0.55	207	0.093	2	1.81	0.012	0.13	0.1	0.02	2.8	0.2	0.08	7	<0.5	<0.2

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Project: ECH
Report Date: July 24, 2011

CERTIFICATE OF ANALYSIS WHI11000532.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1033650	Soil	1.1	28.1	28.6	102	<0.1	34.1	12.2	668	4.18	10.8	10.3	1.9	3.2	13	0.2	0.7	1.4	75	0.13	0.075
1033648	Soil	0.9	13.4	20.9	73	<0.1	13.0	6.4	584	2.38	3.6	2.7	2.7	0.5	16	0.1	0.3	0.4	47	0.13	0.086
1033643	Soil	0.8	20.6	17.2	104	<0.1	23.2	7.7	589	2.36	3.7	14.4	1.6	4.1	20	0.2	0.3	0.7	57	0.25	0.108
1197357	Soil	0.8	21.7	11.6	63	<0.1	25.1	10.0	649	2.86	5.7	1.6	3.2	1.9	14	<0.1	0.5	0.3	75	0.15	0.048
1067987	Soil	0.7	17.5	17.7	86	<0.1	25.1	10.1	512	2.47	5.5	2.0	5.6	3.7	18	0.3	0.4	0.6	51	0.27	0.085
1033647	Soil	0.4	12.6	19.3	63	<0.1	13.7	6.3	414	2.35	4.1	5.2	2.8	3.5	12	0.1	0.3	0.4	40	0.15	0.072
1033642	Soil	0.5	16.8	12.3	76	<0.1	21.7	10.3	560	3.26	3.8	10.3	2.2	7.2	22	0.2	0.3	0.4	57	0.31	0.103
1033640	Soil	0.7	20.3	8.1	70	<0.1	24.6	9.3	365	2.64	7.0	1.1	2.6	2.5	15	0.3	0.5	0.2	55	0.20	0.058
1197360	Soil	0.8	20.1	15.3	57	<0.1	22.1	9.0	441	2.79	8.4	2.1	9.4	1.4	12	0.1	0.7	0.4	60	0.13	0.050
1033646	Soil	0.5	13.8	20.7	66	<0.1	14.6	6.5	398	2.49	4.3	11.8	3.4	7.2	19	0.2	0.4	0.7	50	0.24	0.073
1197361	Soil	0.5	17.0	22.4	69	<0.1	22.0	8.7	727	2.37	4.8	5.4	3.1	3.4	13	0.3	0.4	1.3	45	0.14	0.051
1197359	Soil	0.8	25.0	10.1	62	<0.1	24.5	10.0	449	2.64	7.3	3.9	4.3	3.2	16	0.1	0.5	0.6	58	0.21	0.058
1033644	Soil	0.4	15.3	14.4	67	<0.1	15.8	7.4	526	2.19	3.5	7.4	1.7	5.1	19	<0.1	0.3	0.3	45	0.23	0.076
1033645	Soil	0.6	15.8	12.2	58	<0.1	16.8	6.8	380	2.33	3.9	4.4	3.8	4.3	18	0.2	0.3	0.3	52	0.23	0.066
1033641	Soil	0.7	16.6	12.3	74	<0.1	22.7	8.8	411	2.75	5.4	3.8	2.7	3.4	15	0.3	0.4	0.4	53	0.25	0.093
1197358	Soil	0.6	12.6	31.9	84	<0.1	10.8	5.2	1502	2.07	3.3	23.7	1.3	7.7	26	0.2	0.2	5.8	25	0.23	0.064
1033637	Soil	0.8	20.4	9.8	57	<0.1	22.2	8.6	393	2.79	7.3	1.6	2.1	1.9	12	<0.1	0.5	0.5	54	0.14	0.051
1197362	Soil	0.7	19.8	12.0	64	<0.1	23.1	9.4	456	2.77	7.3	2.5	5.5	3.2	16	0.2	0.6	0.2	56	0.21	0.074
1197356	Soil	0.8	24.4	10.6	77	<0.1	32.0	11.2	453	2.91	7.0	2.6	3.8	3.4	17	0.1	0.4	0.5	70	0.22	0.057
1197364	Soil	0.3	9.7	20.7	64	<0.1	9.2	4.9	415	2.21	3.1	5.4	0.7	4.7	16	<0.1	0.2	0.5	25	0.22	0.095
1197400	Soil	0.5	16.0	13.0	67	<0.1	20.4	10.4	686	3.31	4.6	9.4	2.9	8.6	14	0.2	0.5	0.5	42	0.26	0.113
1197948	Soil	1.0	16.7	9.4	54	<0.1	16.9	7.7	404	2.74	5.4	1.9	2.3	0.9	10	<0.1	0.5	0.2	59	0.13	0.069
1097950	Soil	0.6	15.8	8.8	67	<0.1	20.9	9.3	340	2.72	5.1	1.8	0.7	2.5	14	0.2	0.4	0.3	53	0.22	0.082
1197363	Soil	0.5	14.8	13.6	67	<0.1	17.6	6.7	365	2.59	5.2	4.7	1.6	3.8	13	0.1	0.4	0.4	45	0.18	0.076
1033638	Soil	0.7	16.3	11.0	69	<0.1	19.9	9.0	502	2.79	6.1	2.7	2.4	3.5	14	0.3	0.4	0.2	54	0.20	0.075
1033639	Soil	0.7	18.7	9.7	62	<0.1	20.3	8.7	390	2.66	6.6	2.2	4.6	2.4	12	0.1	0.5	0.3	50	0.16	0.064
1197949	Soil	0.6	15.9	7.5	65	<0.1	20.5	9.0	321	2.47	4.7	1.7	2.0	3.7	15	0.2	0.4	0.1	46	0.24	0.090
1197365	Soil	0.4	13.7	22.4	62	<0.1	12.7	5.5	222	2.13	3.2	8.8	1.0	6.4	18	0.2	0.3	0.6	33	0.22	0.084
1069477	Soil	0.4	10.5	9.8	45	<0.1	13.7	4.8	127	1.71	2.1	1.0	1.7	2.0	19	<0.1	0.3	0.5	35	0.21	0.048
1033636	Soil	0.7	19.0	8.4	53	<0.1	20.7	8.3	344	2.69	6.9	1.8	4.2	2.3	12	0.1	0.5	0.2	51	0.15	0.050

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1033650	Soil	12	45	0.66	151	0.069	2	3.13	0.009	0.11	0.1	0.05	3.6	0.3	0.07	9	<0.5	<0.2
1033648	Soil	11	22	0.18	83	0.012	1	0.96	0.010	0.08	<0.1	0.03	1.1	0.1	0.10	4	<0.5	<0.2
1033643	Soil	13	23	0.38	153	0.063	2	1.32	0.011	0.10	0.3	0.02	2.8	0.2	<0.05	4	<0.5	<0.2
1197357	Soil	10	53	0.62	127	0.113	2	1.89	0.012	0.12	0.2	0.06	3.1	0.2	<0.05	7	<0.5	<0.2
1067987	Soil	10	25	0.43	80	0.075	2	1.49	0.014	0.06	<0.1	0.03	2.2	<0.1	<0.05	4	<0.5	<0.2
1033647	Soil	15	19	0.31	70	0.035	1	1.33	0.008	0.07	<0.1	0.03	1.7	0.1	<0.05	4	<0.5	<0.2
1033642	Soil	23	33	0.56	172	0.085	2	1.62	0.012	0.22	0.2	0.02	4.3	0.2	<0.05	6	<0.5	<0.2
1033640	Soil	10	27	0.53	82	0.078	1	1.73	0.012	0.07	0.2	0.04	2.1	0.1	<0.05	5	0.6	<0.2
1197360	Soil	10	30	0.46	78	0.063	2	1.95	0.010	0.06	0.1	0.06	2.2	0.1	<0.05	6	<0.5	<0.2
1033646	Soil	17	25	0.38	111	0.081	1	1.67	0.017	0.09	<0.1	0.03	3.1	0.2	<0.05	5	<0.5	<0.2
1197361	Soil	11	28	0.46	91	0.060	1	1.77	0.011	0.08	0.2	0.03	2.3	0.2	<0.05	4	<0.5	<0.2
1197359	Soil	12	29	0.55	111	0.084	2	1.89	0.013	0.06	0.2	0.04	2.9	<0.1	<0.05	5	<0.5	<0.2
1033644	Soil	14	21	0.34	93	0.068	<1	1.31	0.010	0.08	0.1	0.03	2.4	0.2	<0.05	4	<0.5	<0.2
1033645	Soil	15	25	0.48	106	0.085	2	1.68	0.012	0.09	0.1	0.03	3.2	0.2	<0.05	5	<0.5	<0.2
1033641	Soil	14	27	0.50	91	0.071	1	1.66	0.011	0.11	0.2	0.05	2.3	0.2	<0.05	5	<0.5	<0.2
1197358	Soil	25	12	0.24	242	0.023	<1	0.98	0.006	0.09	<0.1	0.02	2.5	0.2	<0.05	3	<0.5	<0.2
1033637	Soil	11	28	0.51	85	0.074	2	1.83	0.010	0.11	0.1	0.05	2.1	0.2	<0.05	6	<0.5	<0.2
1197362	Soil	13	27	0.56	99	0.071	<1	1.85	0.013	0.12	0.2	0.03	2.7	0.1	<0.05	5	<0.5	<0.2
1197356	Soil	13	48	0.73	123	0.101	1	2.16	0.016	0.10	0.2	0.05	3.5	0.2	<0.05	6	<0.5	<0.2
1197364	Soil	18	13	0.27	133	0.014	<1	1.25	0.005	0.13	<0.1	0.02	1.9	0.2	<0.05	4	<0.5	<0.2
1197400	Soil	22	22	0.46	147	0.074	<1	1.55	0.009	0.24	0.1	0.02	3.1	0.3	<0.05	5	<0.5	<0.2
1197948	Soil	13	23	0.38	99	0.053	1	1.61	0.009	0.13	<0.1	0.05	1.5	0.2	<0.05	7	<0.5	<0.2
1097950	Soil	12	24	0.49	91	0.075	1	1.72	0.009	0.14	0.1	0.04	2.2	0.2	<0.05	5	<0.5	<0.2
1197363	Soil	15	23	0.44	91	0.051	<1	1.64	0.007	0.11	0.1	0.02	2.5	0.2	<0.05	5	<0.5	<0.2
1033638	Soil	12	24	0.53	88	0.082	<1	1.51	0.012	0.14	0.1	0.04	2.3	0.2	<0.05	5	<0.5	<0.2
1033639	Soil	11	25	0.50	78	0.070	<1	1.80	0.011	0.12	0.1	0.04	2.0	0.2	<0.05	6	<0.5	<0.2
1197949	Soil	12	23	0.48	92	0.081	<1	1.83	0.012	0.14	0.1	0.04	2.4	0.2	<0.05	5	<0.5	<0.2
1197365	Soil	20	19	0.35	149	0.015	<1	1.56	0.006	0.11	0.1	0.03	3.4	0.1	<0.05	4	<0.5	<0.2
1069477	Soil	12	22	0.44	129	0.067	<1	1.53	0.010	0.07	0.5	0.04	2.2	0.1	<0.05	5	<0.5	<0.2
1033636	Soil	12	25	0.48	81	0.077	<1	1.77	0.009	0.10	0.1	0.04	2.2	0.2	<0.05	5	<0.5	<0.2

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

Project: ECH
Report Date: July 24, 2011

CERTIFICATE OF ANALYSIS WHI11000532.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1033649	Soil	0.5	16.1	18.1	61	<0.1	20.8	6.9	270	2.45	5.0	5.5	3.3	2.6	14	0.1	0.4	0.5	50	0.20	0.074
1067989	Soil	0.5	12.9	8.8	56	<0.1	20.2	8.4	413	2.28	3.9	1.2	1.6	2.2	14	0.2	0.3	1.1	47	0.19	0.071
1069461	Soil	1.1	26.7	23.3	81	0.2	22.5	13.0	919	2.96	9.3	16.0	4.4	1.7	38	0.2	0.5	1.9	54	0.35	0.075
1069467	Soil	1.0	16.5	16.7	67	0.1	15.1	7.3	314	2.56	6.0	2.5	4.0	4.2	22	0.2	0.3	0.5	52	0.22	0.061
1069470	Soil	0.8	9.9	9.0	55	<0.1	13.8	5.5	201	1.97	3.0	1.4	4.6	4.1	21	<0.1	0.2	0.5	41	0.35	0.068
1069469	Soil	0.9	14.8	12.1	65	0.1	15.4	7.0	193	2.36	4.4	1.4	2.4	3.1	18	0.2	0.3	0.7	52	0.21	0.044
1069463	Soil	0.5	19.3	14.1	74	<0.1	21.7	9.2	207	2.15	2.8	9.0	3.4	4.4	22	0.2	0.4	0.8	56	0.33	0.069
1069471	Soil	1.0	17.9	12.8	69	0.1	16.2	8.5	418	2.49	6.0	1.8	2.8	2.2	26	0.2	0.3	1.3	54	0.34	0.071
1069452	Soil	0.9	20.3	13.2	66	0.1	18.5	7.5	307	2.47	6.4	5.7	3.2	2.2	18	0.2	0.4	2.1	55	0.23	0.055
1069474	Soil	0.6	10.7	8.6	48	<0.1	13.6	5.6	146	1.87	3.2	1.0	2.7	2.9	16	0.1	0.3	0.3	39	0.25	0.062
1069464	Soil	0.7	20.1	10.2	62	0.1	20.9	10.5	267	2.60	8.2	4.5	4.1	3.9	24	0.2	0.4	0.5	58	0.32	0.063
1069458	Soil	0.6	12.0	9.7	57	<0.1	14.4	7.7	373	1.99	5.7	2.7	0.9	1.9	13	0.2	0.3	1.3	46	0.20	0.058
1069451	Soil	0.8	12.8	11.2	68	<0.1	16.5	9.0	422	2.64	6.2	1.4	3.3	4.0	17	0.2	0.3	1.2	60	0.24	0.053
1069473	Soil	0.7	10.1	7.9	49	<0.1	12.3	6.1	188	1.92	3.8	1.1	3.1	2.6	17	0.1	0.2	0.3	43	0.25	0.064
1069456	Soil	0.6	15.0	21.4	67	0.1	13.8	6.5	401	1.93	8.2	11.5	2.8	1.6	26	0.2	0.3	3.1	41	0.48	0.069
1069460	Soil	0.7	9.3	6.5	34	<0.1	8.2	3.6	141	1.33	3.2	1.1	2.1	0.8	11	0.2	0.2	0.5	35	0.14	0.036
1069468	Soil	0.9	16.4	14.6	95	<0.1	20.2	12.8	841	2.96	7.6	1.5	<0.5	4.9	20	0.3	0.3	0.6	65	0.25	0.064
1069472	Soil	1.1	17.1	13.3	73	0.1	18.4	9.0	408	2.71	6.7	2.6	6.0	3.2	17	0.2	0.3	2.4	57	0.22	0.077
1069455	Soil	0.5	17.0	12.8	72	<0.1	18.4	7.9	315	2.03	5.0	15.7	3.6	4.1	24	0.2	0.3	2.6	48	0.41	0.079
1069453	Soil	0.8	18.0	17.8	86	<0.1	19.7	9.2	516	2.56	7.3	7.8	3.4	4.5	21	0.2	0.3	3.8	53	0.35	0.071
1069459	Soil	0.6	16.7	13.4	89	0.2	23.3	11.7	333	2.45	5.1	4.2	2.2	2.4	33	0.3	0.4	1.5	49	0.42	0.070
1069462	Soil	0.6	18.9	11.6	71	<0.1	19.4	8.0	230	2.17	4.3	5.5	9.9	4.9	19	0.2	0.4	1.1	51	0.29	0.060
1069454	Soil	0.6	19.1	11.8	67	<0.1	17.6	8.0	361	2.12	5.4	5.8	5.2	4.3	21	0.1	0.3	2.6	48	0.38	0.074
1069457	Soil	0.7	23.6	13.0	74	0.1	22.4	9.3	267	2.23	6.0	12.7	3.6	3.8	24	0.3	0.4	1.4	58	0.35	0.078
1069466	Soil	0.3	7.2	4.2	26	0.1	5.0	3.3	137	0.98	1.7	1.5	1.7	0.6	17	<0.1	<0.1	0.1	21	0.22	0.059
1069478	Soil	0.7	10.1	8.8	55	<0.1	13.6	6.2	179	1.82	2.9	0.8	2.1	2.5	20	0.1	0.2	0.3	36	0.27	0.055
1069476	Soil	0.7	8.9	7.4	48	<0.1	12.8	5.5	167	1.89	3.8	0.8	1.4	2.7	12	<0.1	0.2	0.4	43	0.21	0.060
1069475	Soil	0.7	13.4	8.8	62	<0.1	16.8	8.7	307	2.36	4.7	1.1	3.5	2.9	24	<0.1	0.3	0.4	50	0.32	0.061
1069465	Soil	0.5	18.3	9.6	56	<0.1	18.8	7.4	172	2.13	5.7	2.4	3.5	3.3	20	0.1	0.4	0.6	53	0.29	0.060
1069479	Soil	1.0	18.4	17.5	79	<0.1	24.1	13.9	683	3.30	10.2	1.3	3.4	5.9	15	0.2	0.4	0.7	72	0.21	0.056

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Project: ECH
Report Date: July 24, 2011

CERTIFICATE OF ANALYSIS WHI11000532.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1033649	Soil	11	28	0.42	83	0.064	<1	1.68	0.009	0.06	0.1	0.05	2.5	0.1	<0.05	5	<0.5	<0.2
1067989	Soil	10	26	0.57	107	0.084	<1	1.76	0.011	0.12	0.1	0.02	2.1	0.2	<0.05	6	<0.5	<0.2
1069461	Soil	24	31	0.47	329	0.053	<1	2.33	0.016	0.07	0.2	0.06	3.9	0.1	<0.05	7	0.5	<0.2
1069467	Soil	16	28	0.46	155	0.061	2	1.99	0.012	0.13	0.2	0.02	3.3	0.2	<0.05	8	<0.5	<0.2
1069470	Soil	17	27	0.43	125	0.075	2	1.51	0.011	0.10	0.4	0.03	2.8	0.2	<0.05	6	<0.5	<0.2
1069469	Soil	13	29	0.44	153	0.067	1	2.00	0.012	0.10	0.2	0.03	3.5	0.2	<0.05	8	<0.5	<0.2
1069463	Soil	15	32	0.61	171	0.086	1	1.87	0.016	0.09	0.2	0.03	3.9	0.2	<0.05	6	<0.5	<0.2
1069471	Soil	16	28	0.44	183	0.065	1	1.83	0.012	0.12	0.2	0.04	3.2	0.2	<0.05	7	<0.5	<0.2
1069452	Soil	16	30	0.47	190	0.056	2	1.95	0.012	0.09	0.1	0.04	3.5	0.2	<0.05	6	<0.5	<0.2
1069474	Soil	12	25	0.39	103	0.084	2	1.49	0.012	0.10	0.5	0.04	2.7	0.2	<0.05	6	<0.5	<0.2
1069464	Soil	15	31	0.51	215	0.077	2	1.87	0.014	0.06	0.1	0.04	3.7	0.1	<0.05	6	<0.5	<0.2
1069458	Soil	8	20	0.32	96	0.058	1	1.24	0.015	0.06	0.2	0.02	1.9	<0.1	<0.05	5	<0.5	<0.2
1069451	Soil	13	27	0.48	129	0.086	1	1.76	0.011	0.12	0.1	0.03	2.9	0.2	<0.05	7	<0.5	<0.2
1069473	Soil	13	22	0.37	114	0.074	2	1.47	0.011	0.09	0.4	0.03	2.4	0.2	<0.05	5	<0.5	<0.2
1069456	Soil	12	20	0.33	163	0.035	1	1.49	0.021	0.08	0.2	0.05	2.4	0.2	<0.05	5	<0.5	<0.2
1069460	Soil	6	15	0.18	63	0.049	2	0.76	0.014	0.05	<0.1	0.02	1.3	<0.1	<0.05	4	<0.5	<0.2
1069468	Soil	15	34	0.55	159	0.082	<1	2.09	0.008	0.13	0.2	0.02	3.6	0.2	<0.05	7	<0.5	<0.2
1069472	Soil	13	32	0.45	144	0.072	1	2.05	0.011	0.12	0.3	0.03	3.1	0.3	<0.05	7	<0.5	<0.2
1069455	Soil	14	25	0.45	190	0.070	<1	1.41	0.018	0.08	0.2	0.04	3.2	0.1	<0.05	4	<0.5	<0.2
1069453	Soil	14	30	0.51	191	0.060	<1	1.88	0.013	0.11	0.2	0.04	3.7	0.2	<0.05	6	<0.5	<0.2
1069459	Soil	12	35	0.58	279	0.062	<1	2.02	0.019	0.09	0.2	0.05	4.3	0.2	<0.05	6	<0.5	<0.2
1069462	Soil	15	29	0.52	143	0.089	<1	1.68	0.016	0.07	0.2	0.03	3.4	0.2	<0.05	5	<0.5	<0.2
1069454	Soil	14	25	0.42	157	0.076	<1	1.37	0.017	0.09	0.2	0.02	2.9	0.1	<0.05	4	<0.5	<0.2
1069457	Soil	16	32	0.53	282	0.066	1	1.82	0.016	0.08	0.2	0.05	4.1	0.1	<0.05	5	<0.5	<0.2
1069466	Soil	9	8	0.17	79	0.034	<1	0.66	0.030	0.05	<0.1	0.01	1.1	<0.1	<0.05	3	<0.5	<0.2
1069478	Soil	12	25	0.42	130	0.085	<1	1.63	0.012	0.12	0.5	0.03	2.8	0.2	<0.05	6	<0.5	<0.2
1069476	Soil	11	22	0.36	83	0.072	<1	1.45	0.010	0.08	0.8	0.03	2.1	0.2	<0.05	5	<0.5	<0.2
1069475	Soil	14	29	0.52	166	0.084	1	1.86	0.011	0.11	0.5	0.05	3.0	0.2	<0.05	7	<0.5	<0.2
1069465	Soil	14	28	0.49	162	0.081	<1	1.82	0.016	0.08	0.2	0.04	3.5	0.2	<0.05	6	<0.5	<0.2
1069479	Soil	14	34	0.60	154	0.101	1	2.61	0.011	0.12	0.5	0.03	3.8	0.2	<0.05	8	<0.5	<0.2

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Project: ECH
Report Date: July 24, 2011

QUALITY CONTROL REPORT WHI11000532.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1033602	Soil	0.7	20.2	12.0	53	<0.1	23.1	8.2	328	2.35	6.1	3.1	2.4	5.1	18	0.1	0.4	0.2	55	0.32	0.094
REP 1033602	QC	0.6	20.8	11.7	56	<0.1	21.3	8.1	334	2.35	6.3	3.1	3.9	4.9	17	0.1	0.3	0.2	56	0.33	0.090
1068992	Soil	1.0	18.6	15.2	65	<0.1	21.3	9.5	544	2.94	7.0	4.0	7.7	2.4	16	0.1	0.3	0.3	65	0.22	0.071
REP 1068992	QC	0.9	18.2	14.8	66	<0.1	21.2	9.4	534	2.85	6.5	4.0	3.4	2.4	16	0.1	0.3	0.3	63	0.21	0.068
1068994	Soil	1.4	20.5	16.2	66	<0.1	20.0	9.5	647	3.12	7.7	4.5	2.8	1.1	14	0.1	0.5	0.3	67	0.11	0.061
REP 1068994	QC	1.3	20.1	16.2	65	<0.1	19.1	9.3	640	3.06	7.2	4.5	1.9	1.1	13	0.2	0.6	0.4	66	0.12	0.058
1197696	Soil	1.0	28.1	13.2	69	<0.1	27.7	12.8	533	3.04	8.3	6.7	4.2	5.2	15	0.2	0.6	0.2	69	0.20	0.053
REP 1197696	QC	1.0	28.9	12.7	71	<0.1	28.6	12.8	551	3.15	8.6	6.9	5.2	5.2	15	0.2	0.6	0.2	72	0.20	0.054
1067204	Soil	0.5	14.5	12.1	63	<0.1	17.4	7.2	523	2.00	4.1	5.6	1.3	4.1	17	0.3	0.3	2.2	43	0.26	0.091
REP 1067204	QC	0.5	15.2	11.6	62	<0.1	17.1	7.1	522	1.96	4.5	5.6	1.8	4.1	17	0.3	0.3	2.3	43	0.26	0.089
1066809	Soil	1.0	11.1	13.3	52	<0.1	14.1	8.7	378	2.66	7.4	0.5	2.3	1.5	14	0.2	0.3	0.4	63	0.15	0.033
REP 1066809	QC	1.1	11.9	13.4	55	<0.1	14.9	9.0	380	2.70	7.8	0.5	1.7	1.6	14	0.3	0.3	0.4	67	0.15	0.033
1066821	Soil	0.8	17.8	13.0	71	0.1	19.5	9.8	282	3.10	8.8	2.9	4.2	5.2	20	0.2	0.4	0.6	66	0.28	0.070
REP 1066821	QC	0.9	18.0	13.1	74	0.2	20.2	10.1	294	3.17	8.9	2.9	3.4	5.3	21	0.2	0.4	0.6	67	0.28	0.074
1033514	Soil	1.7	16.3	7.7	59	<0.1	17.9	9.2	250	2.66	4.6	2.3	3.2	20.5	20	0.2	0.4	0.4	57	0.27	0.050
REP 1033514	QC	1.7	16.6	8.1	61	<0.1	19.1	9.2	259	2.71	4.9	2.3	2.5	20.3	20	0.1	0.4	0.4	59	0.29	0.054
1068928	Soil	1.2	11.2	11.7	49	<0.1	13.4	8.8	391	2.37	5.2	1.6	3.4	5.6	15	0.1	0.3	1.0	54	0.13	0.023
REP 1068928	QC	1.2	10.9	11.7	47	<0.1	12.3	8.5	382	2.27	4.9	1.6	3.2	5.4	14	0.1	0.3	1.0	54	0.13	0.024
1066854	Soil	1.2	33.9	14.0	80	<0.1	30.5	13.4	409	3.57	10.0	1.3	2.1	7.9	16	<0.1	0.5	0.2	77	0.29	0.088
REP 1066854	QC	1.2	34.2	14.2	81	<0.1	30.3	14.4	417	3.64	10.1	1.4	<0.5	7.9	16	0.1	0.5	0.2	80	0.29	0.090
1066769	Soil	1.3	22.5	12.6	81	0.2	23.6	12.7	568	3.32	8.3	1.9	<0.5	3.5	20	0.4	0.3	0.6	73	0.27	0.076
REP 1066769	QC	1.3	22.7	12.2	82	0.2	23.5	12.3	554	3.19	7.9	1.8	<0.5	3.4	19	0.3	0.3	0.6	71	0.26	0.080
1066773	Soil	1.5	13.8	11.0	70	0.1	20.1	15.3	781	3.12	7.2	1.1	6.0	6.7	19	0.2	0.3	0.5	63	0.28	0.087
REP 1066773	QC	1.5	14.7	10.8	73	0.1	21.0	15.8	787	3.21	7.5	1.2	6.7	7.0	21	0.2	0.3	0.4	65	0.28	0.092
1066758	Soil	1.0	22.8	14.4	72	0.1	19.3	8.6	340	2.89	7.8	3.7	5.7	3.9	25	0.2	0.3	0.7	67	0.23	0.047
REP 1066758	QC	1.1	22.4	14.2	73	0.1	19.5	8.8	361	2.97	7.7	3.8	8.4	3.7	25	0.3	0.4	0.6	71	0.24	0.043
1033644	Soil	0.4	15.3	14.4	67	<0.1	15.8	7.4	526	2.19	3.5	7.4	1.7	5.1	19	<0.1	0.3	0.3	45	0.23	0.076
REP 1033644	QC	0.4	15.3	14.8	66	<0.1	15.2	7.1	503	2.12	3.7	7.5	2.3	5.3	20	0.2	0.3	0.4	45	0.21	0.080

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

Project: ECH
Report Date: July 24, 2011

QUALITY CONTROL REPORT WHI11000532.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1033602	Soil	16	27	0.52	96	0.087	<1	1.50	0.013	0.08	0.2	0.04	2.8	0.1	<0.05	5	<0.5	<0.2
REP 1033602	QC	16	27	0.52	93	0.086	<1	1.51	0.014	0.08	0.2	0.02	2.6	0.1	<0.05	5	<0.5	<0.2
1068992	Soil	15	36	0.64	133	0.068	<1	2.17	0.010	0.11	0.1	0.03	3.2	0.2	<0.05	7	<0.5	<0.2
REP 1068992	QC	14	34	0.61	130	0.064	<1	2.10	0.009	0.10	<0.1	0.04	3.1	0.2	<0.05	7	<0.5	<0.2
1068994	Soil	12	34	0.58	118	0.054	1	1.91	0.008	0.07	0.1	0.04	2.4	0.2	<0.05	8	<0.5	<0.2
REP 1068994	QC	12	33	0.57	116	0.052	1	1.84	0.008	0.07	0.1	0.04	2.3	0.2	0.05	8	<0.5	<0.2
1197696	Soil	18	33	0.66	127	0.120	1	2.24	0.013	0.09	0.2	0.05	3.8	0.3	<0.05	7	<0.5	<0.2
REP 1197696	QC	18	34	0.68	131	0.125	2	2.27	0.013	0.09	0.2	0.04	3.9	0.2	<0.05	7	<0.5	<0.2
1067204	Soil	12	22	0.36	96	0.068	1	1.30	0.011	0.07	0.1	0.03	2.0	0.1	<0.05	4	<0.5	<0.2
REP 1067204	QC	12	21	0.36	94	0.071	<1	1.30	0.011	0.07	<0.1	0.02	2.0	<0.1	<0.05	4	<0.5	<0.2
1066809	Soil	8	24	0.37	128	0.073	2	1.81	0.011	0.08	0.1	0.03	2.1	0.1	<0.05	7	0.8	<0.2
REP 1066809	QC	8	25	0.38	126	0.077	2	1.83	0.012	0.08	0.1	0.02	2.1	0.1	<0.05	8	<0.5	<0.2
1066821	Soil	19	34	0.58	220	0.089	1	2.20	0.012	0.11	0.2	0.04	4.5	0.2	<0.05	7	0.8	<0.2
REP 1066821	QC	19	33	0.62	224	0.091	2	2.30	0.013	0.11	0.2	0.05	4.5	0.2	<0.05	8	0.7	<0.2
1033514	Soil	52	32	0.78	153	0.130	1	1.65	0.016	0.20	1.0	0.02	3.6	0.2	<0.05	7	0.7	<0.2
REP 1033514	QC	53	33	0.78	158	0.134	<1	1.66	0.016	0.21	0.8	0.02	3.6	0.2	<0.05	7	0.6	<0.2
1068928	Soil	12	25	0.36	120	0.088	<1	1.75	0.015	0.08	0.2	0.03	2.5	0.2	<0.05	7	<0.5	<0.2
REP 1068928	QC	12	24	0.37	120	0.086	1	1.77	0.015	0.08	0.2	0.03	2.5	0.2	<0.05	7	<0.5	<0.2
1066854	Soil	24	39	0.55	176	0.102	1	2.47	0.011	0.10	0.2	0.05	4.5	0.2	<0.05	7	<0.5	<0.2
REP 1066854	QC	24	41	0.56	188	0.105	2	2.41	0.011	0.10	0.3	0.04	4.4	0.1	<0.05	7	0.6	<0.2
1066769	Soil	15	40	0.51	217	0.117	2	2.27	0.011	0.15	0.2	0.04	3.3	0.2	<0.05	9	<0.5	<0.2
REP 1066769	QC	15	39	0.51	219	0.114	2	2.20	0.012	0.15	0.2	0.05	3.5	0.2	<0.05	8	<0.5	<0.2
1066773	Soil	16	35	0.56	173	0.111	2	1.93	0.015	0.12	0.5	0.02	3.2	<0.1	<0.05	8	<0.5	<0.2
REP 1066773	QC	17	36	0.57	179	0.115	2	2.03	0.014	0.13	0.5	0.03	3.4	<0.1	<0.05	8	<0.5	<0.2
1066758	Soil	16	34	0.53	240	0.109	2	2.23	0.016	0.11	0.1	0.02	3.9	<0.1	<0.05	8	1.1	<0.2
REP 1066758	QC	17	35	0.56	237	0.131	2	2.30	0.018	0.12	0.2	0.02	4.1	<0.1	<0.05	8	0.6	<0.2
1033644	Soil	14	21	0.34	93	0.068	<1	1.31	0.010	0.08	0.1	0.03	2.4	0.2	<0.05	4	<0.5	<0.2
REP 1033644	QC	15	22	0.34	94	0.068	<1	1.36	0.010	0.08	0.1	0.03	2.3	0.1	<0.05	4	<0.5	<0.2

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Project: ECH
Report Date: July 24, 2011

QUALITY CONTROL REPORT WHI11000532.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1067989	Soil	0.5	12.9	8.8	56	<0.1	20.2	8.4	413	2.28	3.9	1.2	1.6	2.2	14	0.2	0.3	1.1	47	0.19	0.071
REP 1067989	QC	0.4	13.7	8.9	59	<0.1	20.6	8.6	434	2.34	4.1	1.2	1.6	2.2	14	0.1	0.3	0.4	50	0.20	0.067
1069472	Soil	1.1	17.1	13.3	73	0.1	18.4	9.0	408	2.71	6.7	2.6	6.0	3.2	17	0.2	0.3	2.4	57	0.22	0.077
REP 1069472	QC	1.1	17.9	13.4	75	0.1	18.8	9.1	417	2.81	6.9	2.6	5.4	3.1	17	0.2	0.3	2.5	58	0.23	0.079
1069457	Soil	0.7	23.6	13.0	74	0.1	22.4	9.3	267	2.23	6.0	12.7	3.6	3.8	24	0.3	0.4	1.4	58	0.35	0.078
REP 1069457	QC	0.6	24.6	13.5	79	0.1	23.2	9.5	269	2.28	5.9	12.6	7.5	3.8	25	0.3	0.5	1.4	59	0.34	0.080
Reference Materials																					
STD DS8	Standard	13.3	114.3	129.8	330	1.9	40.0	8.0	641	2.55	28.5	2.8	133.0	6.8	66	2.5	5.8	6.8	44	0.73	0.087
STD DS8	Standard	13.3	113.6	130.1	334	1.9	39.8	7.9	653	2.55	29.3	2.8	118.4	6.8	67	2.6	6.0	6.9	45	0.73	0.086
STD DS8	Standard	13.5	124.8	131.7	332	1.9	43.0	7.6	658	2.66	28.9	2.3	118.3	6.8	57	2.4	5.1	6.0	48	0.69	0.089
STD DS8	Standard	13.3	118.6	134.1	319	2.0	39.9	8.1	608	2.50	27.3	2.4	116.8	7.2	60	2.5	5.2	6.2	44	0.75	0.084
STD DS8	Standard	13.1	107.8	128.2	317	1.8	38.1	7.6	643	2.55	27.3	2.7	126.9	6.6	72	2.2	7.2	6.5	43	0.70	0.078
STD DS8	Standard	12.5	111.5	129.0	322	1.8	38.9	7.4	614	2.49	26.6	2.6	112.5	6.6	71	2.3	5.9	6.6	40	0.67	0.079
STD DS8	Standard	13.1	117.0	129.0	329	1.8	38.9	7.9	643	2.55	28.5	2.8	114.7	6.6	70	2.5	6.1	6.8	45	0.69	0.087
STD DS8	Standard	13.0	111.6	121.6	318	1.8	37.4	7.8	636	2.48	27.4	2.8	116.6	6.5	68	2.4	5.7	6.9	43	0.67	0.083
STD DS8	Standard	13.7	120.2	127.4	330	1.8	39.8	8.0	652	2.57	28.9	2.9	112.8	6.7	73	2.6	6.1	6.9	45	0.70	0.086
STD DS8	Standard	13.7	116.7	126.4	321	1.9	38.4	7.8	630	2.53	28.7	2.9	118.0	6.9	73	2.5	6.2	7.0	44	0.72	0.085
STD DS8	Standard	13.4	115.4	136.6	333	1.8	37.5	7.5	639	2.54	28.0	2.9	109.9	7.1	71	2.5	6.2	7.2	43	0.70	0.084
STD DS8	Standard	12.9	108.0	125.9	314	1.8	37.1	7.2	595	2.39	25.8	2.9	114.8	6.9	65	2.4	5.7	7.0	40	0.64	0.079
STD DS8	Standard	13.9	124.2	128.6	341	1.9	44.1	8.3	653	2.63	27.3	3.0	115.7	7.6	69	2.4	6.4	6.7	47	0.72	0.082
STD DS8	Standard	14.1	123.1	134.7	338	1.9	41.6	8.4	644	2.62	26.8	3.1	130.4	7.5	68	2.5	6.0	7.0	45	0.71	0.079
STD DS8	Standard	14.0	112.1	121.2	311	1.8	38.6	7.6	619	2.46	26.2	2.6	125.1	6.9	65	2.2	4.9	6.0	43	0.71	0.080
STD DS8	Standard	13.8	113.1	123.2	315	1.8	38.0	7.6	632	2.48	26.0	2.7	138.9	7.1	69	2.4	5.1	6.1	44	0.74	0.078
STD DS8	Standard	13.4	111.5	131.1	315	1.9	38.8	7.7	609	2.45	26.6	2.9	133.8	7.3	64	2.3	5.2	6.4	44	0.71	0.077
STD DS8	Standard	14.5	114.4	131.5	312	1.9	40.2	7.9	632	2.57	27.8	3.0	105.6	7.8	66	2.2	5.5	6.3	46	0.74	0.080
STD DS8	Standard	12.5	104.3	133.1	303	1.7	36.6	7.5	620	2.41	24.8	2.6	107.4	6.4	70	2.2	5.7	6.7	40	0.66	0.072
STD DS8	Standard	12.7	102.6	133.4	304	1.7	36.3	7.2	609	2.49	25.1	2.7	114.2	7.0	79	2.1	5.4	6.5	41	0.70	0.072
STD DS8	Standard	13.7	108.5	125.3	301	1.7	38.7	7.4	603	2.43	26.4	2.7	113.0	6.6	63	2.2	5.0	6.2	43	0.70	0.081
STD DS8	Standard	12.9	108.3	125.6	307	1.8	37.5	7.7	617	2.43	26.7	2.8	109.7	6.9	64	2.3	5.3	6.2	43	0.69	0.079

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Project: ECH
Report Date: July 24, 2011

QUALITY CONTROL REPORT WHI11000532.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1067989	Soil	10	26	0.57	107	0.084	<1	1.76	0.011	0.12	0.1	0.02	2.1	0.2	<0.05	6	<0.5	<0.2
REP 1067989	QC	10	27	0.57	109	0.086	<1	1.81	0.013	0.12	0.1	0.02	2.2	0.2	<0.05	6	<0.5	<0.2
1069472	Soil	13	32	0.45	144	0.072	1	2.05	0.011	0.12	0.3	0.03	3.1	0.3	<0.05	7	<0.5	<0.2
REP 1069472	QC	13	33	0.45	142	0.076	1	2.10	0.012	0.12	0.3	0.03	3.2	0.2	<0.05	7	<0.5	<0.2
1069457	Soil	16	32	0.53	282	0.066	1	1.82	0.016	0.08	0.2	0.05	4.1	0.1	<0.05	5	<0.5	<0.2
REP 1069457	QC	17	32	0.53	286	0.065	<1	1.85	0.017	0.08	0.2	0.05	4.3	0.1	<0.05	5	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	15	118	0.64	300	0.117	3	0.93	0.091	0.44	3.1	0.20	2.2	5.6	0.18	5	5.6	5.4
STD DS8	Standard	15	120	0.65	311	0.117	3	0.97	0.097	0.46	3.2	0.20	2.2	5.6	0.21	5	5.7	5.4
STD DS8	Standard	13	134	0.53	272	0.126	3	0.96	0.066	0.44	3.1	0.20	2.0	5.4	0.15	4	6.8	4.8
STD DS8	Standard	14	124	0.58	297	0.114	3	1.04	0.083	0.47	3.1	0.19	2.2	6.0	0.16	5	4.3	5.3
STD DS8	Standard	13	121	0.63	285	0.108	2	0.89	0.091	0.44	3.0	0.21	1.9	5.2	0.18	5	5.4	5.4
STD DS8	Standard	13	117	0.62	273	0.107	3	0.91	0.095	0.42	3.0	0.21	1.8	5.2	0.08	5	5.6	5.0
STD DS8	Standard	15	120	0.64	283	0.128	3	0.93	0.092	0.43	3.1	0.21	2.1	5.5	0.15	5	5.3	4.7
STD DS8	Standard	14	116	0.63	278	0.120	2	0.90	0.088	0.42	2.8	0.21	2.1	5.3	0.15	5	5.1	4.7
STD DS8	Standard	15	123	0.63	290	0.133	4	0.94	0.099	0.44	3.0	0.19	2.2	5.3	0.16	5	5.1	4.9
STD DS8	Standard	16	120	0.61	292	0.131	3	0.92	0.097	0.43	2.9	0.19	2.1	5.2	0.15	5	6.3	4.9
STD DS8	Standard	14	124	0.64	276	0.120	3	0.93	0.087	0.45	2.8	0.21	2.1	5.7	0.17	5	5.6	5.2
STD DS8	Standard	13	114	0.60	262	0.108	2	0.87	0.080	0.41	2.8	0.20	1.9	5.4	0.13	4	4.7	4.9
STD DS8	Standard	16	128	0.68	281	0.141	3	0.94	0.087	0.45	3.1	0.22	2.3	5.5	0.18	5	5.2	5.2
STD DS8	Standard	16	126	0.66	274	0.136	3	0.94	0.085	0.44	3.2	0.22	2.1	5.8	0.19	5	5.3	4.8
STD DS8	Standard	16	117	0.62	276	0.116	2	0.93	0.090	0.42	3.0	0.21	2.4	5.6	0.15	5	4.5	5.1
STD DS8	Standard	17	120	0.64	276	0.122	3	0.96	0.097	0.43	3.1	0.20	2.4	5.5	0.15	5	5.5	4.8
STD DS8	Standard	15	119	0.60	272	0.116	3	0.89	0.083	0.40	3.0	0.20	2.1	5.3	0.15	5	5.0	4.5
STD DS8	Standard	16	125	0.64	288	0.122	3	0.95	0.089	0.42	2.9	0.25	2.2	5.4	0.14	5	6.2	4.9
STD DS8	Standard	14	114	0.59	270	0.115	2	0.87	0.082	0.41	3.0	0.22	1.8	5.3	0.18	4	5.4	4.9
STD DS8	Standard	16	115	0.59	268	0.123	2	0.90	0.092	0.42	2.9	0.21	1.9	5.3	0.14	5	6.7	5.2
STD DS8	Standard	15	118	0.61	282	0.112	2	0.88	0.087	0.41	2.8	0.21	2.0	5.4	0.15	5	5.9	4.9
STD DS8	Standard	15	119	0.60	287	0.114	2	0.91	0.086	0.42	2.7	0.19	2.1	5.3	0.15	5	5.1	4.0

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www.acmelab.com

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

Project: ECH
Report Date: July 24, 2011

QUALITY CONTROL REPORT WHI11000532.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8	Standard	11.9	107.8	118.1	299	1.7	37.0	7.3	564	2.38	26.9	2.6	107.4	6.5	66	2.1	5.3	6.3	36	0.64	0.083
STD DS8	Standard	12.8	103.3	114.2	306	1.7	34.4	6.7	530	2.25	25.6	2.5	100.0	6.6	67	2.1	5.1	6.2	36	0.62	0.075
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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

Project: ECH
Report Date: July 24, 2011

QUALITY CONTROL REPORT WHI11000532.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	14	110	0.62	279	0.110	4	0.98	0.109	0.45	2.9	0.20	2.4	5.2	0.16	5	4.8	4.7
STD DS8	Standard	14	106	0.61	274	0.111	5	0.93	0.110	0.42	2.7	0.21	2.2	5.1	0.16	5	4.3	4.5
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
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Submitted By: Mike Skead
Receiving Lab: Canada-Smithers
Received: July 12, 2011
Report Date: July 28, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS WHI11000553.1

CLIENT JOB INFORMATION

Project: ECH
Shipment ID: ECH2011-09
P.O. Number
Number of Samples: 320

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

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

ADDITIONAL COMMENTS

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Vancouver BC V6C 1H2 Canada

Project: ECH
Report Date: July 28, 2011

CERTIFICATE OF ANALYSIS WHI11000553.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1033573	Soil		0.9	10.4	9.9	55	<0.1	13.1	6.1	136	2.11	5.2	1.7	2.9	2.5	17	0.1	0.3	0.2	49	0.25	0.044
1033568	Soil		1.0	9.1	6.9	46	<0.1	10.6	5.2	173	1.55	3.2	1.3	4.2	1.4	16	0.1	0.2	0.2	44	0.20	0.042
1033564	Soil		0.4	9.4	7.8	40	<0.1	10.4	4.1	92	1.86	3.3	1.5	8.3	1.4	12	0.1	0.2	0.2	40	0.15	0.029
1033577	Soil		0.7	15.5	9.8	58	<0.1	18.9	7.7	188	2.38	5.4	2.0	3.2	2.9	17	0.2	0.3	0.2	54	0.23	0.049
1033567	Soil		0.6	8.4	8.0	39	<0.1	9.9	4.0	101	1.45	3.2	1.6	1.2	1.1	17	0.1	0.2	0.1	26	0.22	0.044
1033561	Soil		0.4	8.2	7.5	31	<0.1	8.0	2.9	74	1.40	2.8	1.9	3.1	1.4	12	<0.1	0.2	0.1	25	0.16	0.038
1033585	Soil		1.8	7.5	9.5	38	<0.1	9.1	4.8	212	1.86	5.9	1.4	1.5	2.5	16	0.1	0.2	0.2	50	0.24	0.068
1033572	Soil		0.8	10.4	10.0	62	<0.1	14.3	10.5	397	2.21	4.8	3.1	1.6	3.0	25	0.2	0.3	0.5	50	0.41	0.050
1033570	Soil		0.6	13.0	11.7	62	<0.1	15.6	6.5	146	2.02	4.7	2.5	1.5	2.1	18	0.1	0.3	0.2	45	0.23	0.049
1033578	Soil		0.8	25.6	13.3	78	<0.1	23.7	11.8	397	2.90	6.3	4.5	1.6	4.7	23	0.2	0.4	0.3	63	0.29	0.041
1033569	Soil		0.6	11.4	9.8	54	<0.1	14.1	6.2	175	1.91	4.3	2.2	<0.5	1.5	17	0.2	0.3	0.2	44	0.22	0.049
1033579	Soil		0.7	17.6	14.1	74	<0.1	18.5	8.9	266	2.37	5.5	3.1	1.6	4.4	20	0.3	0.4	0.2	53	0.27	0.047
1033581	Soil		1.0	14.7	13.9	84	<0.1	18.1	13.7	797	2.80	6.8	3.2	<0.5	5.5	14	0.3	0.3	0.3	54	0.21	0.054
1033559	Soil		0.5	8.3	7.1	28	<0.1	8.8	2.7	64	1.33	2.0	2.8	3.3	1.0	13	<0.1	0.1	0.1	19	0.19	0.042
1033558	Soil		0.7	11.0	6.8	30	<0.1	10.9	3.6	84	1.56	2.4	3.6	3.3	1.0	13	<0.1	0.2	0.1	24	0.19	0.050
1033557	Soil		0.4	5.9	6.2	29	<0.1	8.0	3.2	74	1.14	1.9	1.6	2.0	1.8	11	<0.1	0.1	0.1	25	0.15	0.030
1033562	Soil		0.8	8.2	6.6	32	<0.1	10.7	3.0	74	1.26	2.3	1.9	2.3	1.6	14	0.1	0.2	0.1	20	0.20	0.037
1033575	Soil		0.6	13.2	12.0	63	<0.1	13.1	6.1	145	2.23	5.0	2.5	2.7	3.7	15	0.2	0.3	0.3	48	0.21	0.037
1033574	Soil		0.7	12.4	12.4	62	<0.1	13.3	6.1	164	2.30	4.9	2.6	1.2	3.5	15	0.2	0.3	0.3	49	0.21	0.040
1033563	Soil		0.3	6.5	6.6	30	<0.1	8.3	2.8	66	1.19	2.6	1.4	2.1	1.3	12	0.1	0.2	0.1	21	0.15	0.035
1033576	Soil		0.6	20.5	12.1	77	<0.1	17.1	9.9	287	2.60	6.0	3.7	2.2	6.6	21	0.2	0.4	0.3	55	0.29	0.056
1033565	Soil		0.4	7.0	10.3	41	<0.1	10.5	4.0	85	1.60	3.4	1.1	4.9	1.7	13	0.1	0.2	0.2	41	0.14	0.024
1033566	Soil		0.6	8.5	7.9	34	<0.1	9.0	3.5	81	1.30	2.5	1.6	1.7	1.0	16	0.1	0.2	0.1	23	0.20	0.046
1033560	Soil		0.7	8.1	7.6	27	<0.1	8.6	2.6	58	1.36	2.7	3.5	2.0	1.3	12	<0.1	0.2	0.1	22	0.14	0.041
1033580	Soil		0.7	18.3	15.2	79	<0.1	19.1	10.9	424	2.57	5.2	3.0	2.2	4.7	18	0.2	0.3	0.3	53	0.25	0.046
1033588	Soil		0.7	15.5	10.2	44	<0.1	12.8	5.3	107	3.00	8.1	2.2	1.7	4.2	19	0.1	0.4	0.2	52	0.24	0.067
1033589	Soil		0.8	15.0	11.6	53	<0.1	13.8	5.8	138	2.13	5.9	1.9	3.0	6.6	18	0.2	0.5	0.2	45	0.28	0.040
1033582	Soil		1.3	21.1	26.3	118	0.2	24.4	9.4	562	2.82	9.2	16.3	3.4	3.7	19	0.5	0.4	0.5	44	0.21	0.056
1033586	Soil		1.5	12.1	3.1	27	0.1	7.1	3.8	118	1.96	2.3	2.2	1.4	0.5	35	0.2	0.2	<0.1	11	0.54	0.100
1033571	Soil		1.1	8.2	7.5	40	<0.1	10.0	5.6	207	1.40	3.1	1.4	1.2	0.8	16	0.1	0.2	0.4	36	0.21	0.042

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Project: ECH
Report Date: July 28, 2011

CERTIFICATE OF ANALYSIS WHI11000553.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1033573	Soil		8	24	0.39	118	0.062	2	1.57	0.013	0.06	0.2	0.05	2.6	0.1	<0.05	5	<0.5	<0.2
1033568	Soil		8	19	0.31	91	0.046	2	1.08	0.010	0.06	0.2	0.05	1.6	0.1	<0.05	5	<0.5	<0.2
1033564	Soil		8	21	0.31	82	0.056	1	1.33	0.010	0.04	0.2	0.05	1.9	0.1	<0.05	5	<0.5	<0.2
1033577	Soil		11	37	0.47	133	0.078	2	1.82	0.011	0.07	0.2	0.04	3.3	0.2	<0.05	6	0.5	<0.2
1033567	Soil		7	19	0.29	98	0.046	2	1.14	0.012	0.05	0.1	0.06	1.7	0.1	<0.05	5	<0.5	<0.2
1033561	Soil		9	18	0.23	75	0.054	1	1.04	0.011	0.05	0.2	0.05	1.6	0.1	<0.05	4	<0.5	<0.2
1033585	Soil		12	19	0.22	78	0.038	2	1.03	0.011	0.07	0.2	0.05	1.6	0.1	<0.05	4	<0.5	<0.2
1033572	Soil		10	24	0.40	154	0.064	<1	1.56	0.014	0.06	0.6	0.04	2.8	0.2	<0.05	5	<0.5	<0.2
1033570	Soil		11	25	0.43	146	0.057	<1	1.76	0.011	0.06	0.2	0.04	2.6	0.1	<0.05	5	<0.5	<0.2
1033578	Soil		13	38	0.54	198	0.095	<1	2.10	0.012	0.10	0.2	0.04	5.0	0.3	<0.05	6	<0.5	<0.2
1033569	Soil		9	22	0.39	127	0.055	2	1.59	0.013	0.06	0.1	0.05	2.5	0.2	<0.05	5	<0.5	<0.2
1033579	Soil		13	31	0.44	160	0.092	1	1.74	0.011	0.08	0.2	0.04	3.6	0.2	<0.05	5	<0.5	<0.2
1033581	Soil		13	28	0.39	125	0.086	<1	1.81	0.008	0.10	0.2	0.03	3.0	0.2	<0.05	6	<0.5	<0.2
1033559	Soil		8	19	0.18	86	0.044	2	1.02	0.010	0.04	0.3	0.05	1.7	0.1	<0.05	4	<0.5	<0.2
1033558	Soil		8	21	0.23	95	0.044	<1	1.04	0.011	0.04	0.4	0.05	1.7	0.1	<0.05	4	<0.5	<0.2
1033557	Soil		8	17	0.24	60	0.051	<1	0.90	0.011	0.04	0.6	0.03	1.5	0.1	<0.05	4	<0.5	<0.2
1033562	Soil		10	19	0.22	85	0.051	<1	0.99	0.011	0.05	0.1	0.04	1.8	0.1	<0.05	4	<0.5	<0.2
1033575	Soil		12	25	0.37	130	0.074	<1	1.72	0.012	0.07	0.2	0.05	3.2	0.2	<0.05	6	<0.5	<0.2
1033574	Soil		12	25	0.38	132	0.072	1	1.77	0.012	0.07	0.2	0.05	3.0	0.2	<0.05	5	<0.5	<0.2
1033563	Soil		8	17	0.23	68	0.054	<1	0.99	0.011	0.04	0.2	0.04	1.7	0.1	<0.05	4	<0.5	<0.2
1033576	Soil		17	28	0.45	194	0.098	<1	2.01	0.013	0.11	0.3	0.05	4.6	0.2	<0.05	6	<0.5	<0.2
1033565	Soil		8	21	0.32	93	0.059	1	1.31	0.011	0.05	0.1	0.04	2.0	0.1	<0.05	6	<0.5	<0.2
1033566	Soil		8	19	0.23	94	0.041	<1	1.00	0.011	0.04	0.2	0.05	1.7	0.1	<0.05	4	<0.5	<0.2
1033560	Soil		10	19	0.18	75	0.049	<1	1.02	0.010	0.04	0.2	0.04	1.8	0.1	<0.05	4	<0.5	<0.2
1033580	Soil		14	31	0.44	168	0.099	<1	1.73	0.010	0.10	0.2	0.03	3.6	0.2	<0.05	5	<0.5	<0.2
1033588	Soil		12	24	0.30	121	0.041	1	1.48	0.013	0.06	0.1	0.06	3.1	0.2	<0.05	5	0.5	<0.2
1033589	Soil		15	25	0.35	134	0.051	1	1.46	0.013	0.07	0.1	0.04	2.9	0.2	<0.05	4	<0.5	<0.2
1033582	Soil		19	28	0.27	202	0.040	<1	1.86	0.012	0.11	0.2	0.06	4.0	0.3	<0.05	6	<0.5	<0.2
1033586	Soil		7	9	0.09	123	0.016	3	0.52	0.014	0.03	<0.1	0.08	1.5	<0.1	0.07	<1	0.8	<0.2
1033571	Soil		7	19	0.24	88	0.044	1	1.00	0.014	0.05	0.2	0.04	1.5	0.1	<0.05	4	<0.5	<0.2

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

Project: ECH
Report Date: July 28, 2011

CERTIFICATE OF ANALYSIS WHI11000553.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1033587	Soil	0.8	8.9	8.2	44	<0.1	11.5	5.2	163	1.58	3.7	1.3	2.3	3.2	19	<0.1	0.3	0.2	35	0.29	0.052
1033583	Soil	1.0	9.5	9.8	48	<0.1	13.2	6.4	300	2.24	5.7	1.5	1.2	3.9	14	0.1	0.3	0.3	51	0.20	0.053
1033584	Soil	0.7	10.2	9.5	45	<0.1	10.4	4.1	116	1.82	4.7	1.4	1.2	3.0	14	<0.1	0.2	0.3	39	0.20	0.049
1064884	Soil	0.6	14.3	12.3	62	<0.1	15.7	8.4	425	2.82	7.5	3.4	4.2	6.5	13	0.2	0.4	0.4	50	0.17	0.046
1064893	Soil	0.8	16.2	13.2	67	0.1	23.7	11.5	382	2.89	4.6	4.7	3.3	3.6	21	0.1	0.3	0.7	56	0.26	0.053
1064886	Soil	1.0	37.5	15.9	75	0.1	36.2	11.1	286	3.50	6.9	15.9	6.4	5.1	21	0.1	0.4	1.1	75	0.26	0.058
1064889	Soil	0.7	25.1	12.5	65	<0.1	33.2	14.9	415	3.16	5.2	4.7	2.2	4.2	19	0.2	0.3	0.8	56	0.21	0.048
1064892	Soil	0.8	28.8	12.4	72	<0.1	30.8	13.2	500	3.41	6.6	6.4	4.2	4.2	18	0.2	0.4	0.7	68	0.20	0.052
1064885	Soil	0.7	22.5	10.2	70	<0.1	25.1	11.0	502	3.05	6.6	4.3	2.3	6.2	20	0.1	0.4	0.5	70	0.26	0.056
1064894	Soil	0.8	18.9	14.5	64	0.1	22.7	9.7	224	2.93	5.4	6.2	3.7	3.7	18	<0.1	0.3	0.8	61	0.21	0.065
1064887	Soil	0.8	29.7	10.4	65	0.1	29.3	12.3	431	3.19	5.6	4.3	1.2	4.4	18	0.1	0.4	0.7	62	0.21	0.048
1064890	Soil	0.8	30.6	16.5	80	<0.1	40.4	16.3	499	4.07	4.9	6.2	0.9	5.4	16	0.1	0.3	0.7	65	0.15	0.044
1064891	Soil	0.7	23.2	11.0	71	<0.1	28.7	12.0	436	3.17	4.3	4.8	1.6	4.7	17	0.1	0.3	0.7	57	0.21	0.056
1064888	Soil	0.9	32.0	13.5	76	0.1	35.0	14.7	617	3.65	5.4	7.9	3.7	5.3	19	0.1	0.3	0.6	62	0.22	0.049
1064849	Soil	0.7	17.4	13.0	58	<0.1	18.5	10.5	264	2.64	6.0	3.2	2.0	3.0	20	0.1	0.3	0.7	61	0.19	0.039
1064848	Soil	0.9	19.8	12.6	63	<0.1	19.1	9.5	257	3.15	7.7	4.1	1.1	4.1	19	0.1	0.4	0.8	66	0.21	0.061
1064841	Soil	0.7	12.0	10.5	65	<0.1	17.7	7.7	214	2.48	4.3	2.5	2.2	2.9	21	<0.1	0.3	0.7	53	0.25	0.056
1064844	Soil	0.7	15.8	10.9	57	<0.1	16.9	11.4	393	2.96	7.8	3.3	1.7	5.0	19	0.1	0.4	0.7	62	0.24	0.064
1064845	Soil	0.5	15.6	11.9	59	<0.1	17.6	9.1	216	2.41	4.4	3.4	2.1	4.6	19	<0.1	0.3	1.0	53	0.22	0.052
1064843	Soil	0.6	15.6	12.7	58	<0.1	17.9	7.2	196	3.56	12.9	4.3	2.7	3.9	17	0.1	0.4	0.8	77	0.18	0.046
1064847	Soil	0.6	13.8	12.5	62	<0.1	17.7	8.4	207	2.54	6.9	3.0	2.1	3.1	18	<0.1	0.3	0.8	57	0.19	0.050
1064846	Soil	0.6	18.1	12.7	69	<0.1	20.6	12.1	349	2.94	7.4	3.6	1.8	5.0	19	0.1	0.4	1.0	66	0.23	0.054
1064838	Soil	0.7	13.5	11.8	58	<0.1	18.7	8.5	222	2.50	5.6	4.3	2.8	3.8	17	<0.1	0.3	0.8	54	0.21	0.055
1064837	Soil	1.3	18.8	14.4	59	0.2	19.9	23.7	1077	6.22	8.7	8.8	3.6	3.2	22	0.1	0.4	0.9	62	0.22	0.085
1064836	Soil	0.7	14.0	11.7	63	<0.1	18.6	11.5	407	2.84	5.9	3.6	0.9	4.3	18	<0.1	0.4	0.7	56	0.23	0.055
1064840	Soil	0.4	10.1	9.6	47	<0.1	15.1	5.7	162	1.85	3.2	3.4	1.6	2.7	17	<0.1	0.2	0.6	43	0.20	0.045
1064842	Soil	0.3	10.7	10.3	52	<0.1	14.9	7.0	188	1.92	3.0	3.4	1.6	2.8	19	<0.1	0.2	0.6	43	0.19	0.043
1064897	Soil	0.9	15.2	14.0	59	0.1	18.6	8.2	236	3.62	7.6	6.1	1.9	3.2	18	0.1	0.5	0.8	57	0.22	0.068
1064898	Soil	1.2	12.1	15.7	57	0.2	19.1	10.0	378	4.30	7.4	5.2	1.3	2.3	18	0.1	0.3	1.0	60	0.19	0.066
1064895	Soil	0.7	18.6	14.9	68	0.1	22.3	10.2	282	2.85	4.6	5.9	1.4	5.1	18	0.1	0.3	0.9	56	0.23	0.056

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Project: ECH
Report Date: July 28, 2011

CERTIFICATE OF ANALYSIS WHI11000553.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1033587	Soil	10	22	0.32	110	0.041	2	1.35	0.012	0.06	0.1	0.05	2.1	0.1	<0.05	4	<0.5	<0.2
1033583	Soil	13	22	0.32	90	0.050	1	1.35	0.011	0.07	0.1	0.04	2.1	0.2	<0.05	5	<0.5	<0.2
1033584	Soil	12	20	0.26	90	0.048	<1	1.25	0.011	0.07	0.2	0.04	1.9	0.2	<0.05	4	<0.5	<0.2
1064884	Soil	16	21	0.38	90	0.040	<1	1.82	0.009	0.15	0.1	0.03	4.8	0.2	<0.05	5	<0.5	<0.2
1064893	Soil	11	34	0.60	154	0.101	<1	1.90	0.011	0.18	0.1	0.04	3.9	0.3	<0.05	6	<0.5	<0.2
1064886	Soil	18	49	0.73	170	0.130	<1	2.61	0.015	0.27	0.1	0.05	6.3	0.4	0.06	7	<0.5	<0.2
1064889	Soil	12	35	0.60	136	0.148	1	1.91	0.013	0.23	0.5	0.02	3.3	0.3	<0.05	6	<0.5	<0.2
1064892	Soil	13	40	0.68	130	0.156	2	2.06	0.013	0.26	0.2	0.02	4.0	0.3	<0.05	6	<0.5	<0.2
1064885	Soil	18	32	0.60	164	0.122	1	2.12	0.016	0.13	0.2	0.03	5.6	0.2	<0.05	6	<0.5	<0.2
1064894	Soil	13	36	0.60	130	0.124	1	1.98	0.013	0.18	0.2	0.04	4.0	0.3	<0.05	6	<0.5	<0.2
1064887	Soil	13	35	0.64	112	0.150	<1	1.87	0.014	0.23	0.2	0.02	3.8	0.3	<0.05	6	<0.5	<0.2
1064890	Soil	15	46	0.66	139	0.157	1	2.23	0.013	0.33	0.1	0.02	4.3	0.5	<0.05	7	<0.5	<0.2
1064891	Soil	12	39	0.65	106	0.172	<1	1.70	0.015	0.35	0.2	<0.01	3.8	0.4	<0.05	6	<0.5	<0.2
1064888	Soil	15	42	0.74	149	0.192	1	2.00	0.017	0.43	0.1	0.02	4.5	0.4	<0.05	6	<0.5	<0.2
1064849	Soil	13	34	0.49	161	0.103	2	2.21	0.013	0.12	<0.1	0.03	3.6	0.2	<0.05	7	<0.5	<0.2
1064848	Soil	14	33	0.47	149	0.107	2	2.06	0.011	0.14	0.1	0.03	4.3	0.2	<0.05	6	<0.5	<0.2
1064841	Soil	11	31	0.54	129	0.131	<1	1.81	0.011	0.16	0.1	0.01	3.1	0.2	<0.05	6	<0.5	<0.2
1064844	Soil	15	31	0.48	129	0.128	1	1.80	0.012	0.15	0.1	0.03	3.7	0.2	<0.05	5	<0.5	<0.2
1064845	Soil	12	31	0.49	140	0.112	<1	1.86	0.011	0.15	0.1	0.02	3.8	0.2	<0.05	6	<0.5	<0.2
1064843	Soil	12	35	0.49	136	0.112	1	2.12	0.010	0.14	0.1	0.04	3.9	0.3	<0.05	7	<0.5	<0.2
1064847	Soil	12	33	0.50	143	0.111	1	2.15	0.013	0.14	0.2	0.03	3.6	0.2	<0.05	6	<0.5	<0.2
1064846	Soil	14	35	0.54	159	0.130	2	2.23	0.012	0.15	0.2	0.03	4.2	0.2	<0.05	6	<0.5	<0.2
1064838	Soil	13	34	0.54	140	0.113	<1	1.90	0.012	0.16	0.2	0.04	3.5	0.4	<0.05	6	<0.5	<0.2
1064837	Soil	13	37	0.45	175	0.080	<1	2.17	0.012	0.12	0.2	0.06	4.5	0.4	<0.05	5	<0.5	<0.2
1064836	Soil	13	33	0.55	125	0.134	<1	1.80	0.013	0.19	0.2	0.03	3.5	0.4	<0.05	5	<0.5	<0.2
1064840	Soil	12	28	0.44	116	0.109	1	1.66	0.013	0.12	0.1	0.03	2.9	0.2	<0.05	5	<0.5	<0.2
1064842	Soil	11	30	0.46	128	0.119	1	1.81	0.015	0.14	<0.1	0.03	3.3	0.2	<0.05	6	<0.5	<0.2
1064897	Soil	13	34	0.52	122	0.096	2	1.76	0.013	0.18	0.2	0.04	3.4	0.3	<0.05	6	<0.5	<0.2
1064898	Soil	11	35	0.49	141	0.065	<1	1.89	0.011	0.12	0.1	0.06	3.2	0.5	<0.05	6	<0.5	<0.2
1064895	Soil	15	36	0.61	132	0.142	<1	1.96	0.013	0.22	0.1	0.04	4.1	0.4	<0.05	6	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1064896	Soil	1.3	16.5	18.5	65	0.2	23.9	14.3	481	3.69	9.1	6.7	5.6	2.2	25	0.1	0.4	1.1	67	0.25	0.074
1064839	Soil	0.7	11.0	9.1	52	<0.1	14.2	8.7	437	2.31	4.5	2.8	2.0	3.6	14	<0.1	0.3	0.7	50	0.14	0.032
1064900	Soil	0.7	11.3	10.7	52	<0.1	15.8	7.4	194	2.74	5.8	3.6	5.7	5.3	15	0.1	0.3	0.7	52	0.20	0.058
1064899	Soil	0.6	11.1	11.9	54	<0.1	15.5	7.0	223	2.59	5.5	3.7	0.7	4.2	16	<0.1	0.4	0.7	49	0.22	0.056
1066473	Soil	1.2	13.1	10.3	33	<0.1	7.4	3.3	122	1.78	4.9	2.5	1.5	3.1	16	<0.1	0.4	0.6	45	0.17	0.036
1066469	Soil	0.7	14.5	17.0	63	<0.1	12.4	6.5	195	2.60	5.8	4.0	1.2	13.6	21	0.1	0.4	0.9	51	0.23	0.049
1066471	Soil	0.4	7.0	7.2	35	<0.1	8.9	4.8	177	1.49	3.2	2.0	7.8	6.5	14	<0.1	0.2	0.3	33	0.20	0.048
1066466	Soil	1.6	14.8	19.0	83	<0.1	16.5	8.5	418	2.91	5.2	9.9	1.2	10.2	24	0.2	0.4	0.8	47	0.28	0.050
1066462	Soil	1.1	12.8	16.6	80	<0.1	8.7	7.0	345	2.85	3.8	8.3	1.4	26.0	18	0.1	0.6	0.3	40	0.25	0.075
1066457	Soil	0.8	11.3	24.6	78	<0.1	11.2	8.5	479	2.70	5.9	3.8	1.0	12.5	21	0.1	0.7	0.5	39	0.24	0.058
1066455	Soil	0.6	15.5	14.0	62	<0.1	12.1	8.1	280	2.68	6.5	2.5	2.6	7.8	19	<0.1	0.6	0.3	48	0.28	0.061
1066464	Soil	1.3	19.4	21.8	59	0.2	12.3	4.3	119	2.36	4.7	8.8	2.2	3.1	15	0.3	0.4	0.6	35	0.18	0.080
1066458	Soil	0.9	16.9	29.5	70	0.4	13.3	5.2	171	2.24	5.6	7.3	2.7	1.5	26	0.2	0.3	0.4	35	0.35	0.071
1066452	Soil	0.6	9.9	13.6	54	<0.1	12.0	5.8	191	2.19	4.7	2.8	2.2	6.4	20	<0.1	0.3	0.2	38	0.34	0.068
1066451	Soil	0.6	12.9	17.8	61	0.1	13.4	5.6	114	3.04	7.0	3.6	2.7	5.8	16	0.1	0.3	0.2	43	0.24	0.056
1066454	Soil	1.0	10.4	16.5	73	<0.1	10.9	10.6	451	3.43	4.5	3.5	2.0	19.3	13	<0.1	0.4	0.4	50	0.18	0.051
1066470	Soil	0.5	14.5	15.5	66	0.1	12.9	5.2	125	2.14	5.3	2.4	3.0	5.6	19	0.1	0.4	0.4	44	0.28	0.051
1066472	Soil	1.0	24.0	18.1	66	0.2	16.3	6.4	135	3.07	6.9	8.0	3.1	9.7	22	0.1	0.4	0.9	56	0.28	0.053
1066468	Soil	0.7	8.5	10.0	37	0.2	9.0	3.5	183	1.30	2.2	5.3	2.8	6.7	22	<0.1	0.2	0.4	23	0.40	0.055
1066465	Soil	0.7	11.8	14.2	57	<0.1	8.8	6.1	270	2.01	2.3	4.5	<0.5	16.1	15	0.1	0.3	0.6	36	0.23	0.052
1066456	Soil	0.6	11.9	13.8	57	<0.1	11.6	6.3	213	2.53	5.3	2.5	1.6	5.7	18	0.1	0.3	0.4	45	0.28	0.057
1066460	Soil	1.2	5.5	16.0	55	<0.1	7.0	3.7	173	1.77	5.4	2.3	1.1	8.0	14	0.2	0.4	0.8	44	0.14	0.028
1066459	Soil	1.2	11.6	12.3	58	<0.1	12.0	5.0	224	2.23	4.0	3.1	2.7	6.7	13	0.2	0.2	0.3	41	0.13	0.037
1066461	Soil	0.8	12.3	18.5	67	<0.1	11.5	5.9	180	2.75	5.7	4.4	4.3	9.3	15	<0.1	0.4	0.5	47	0.18	0.044
1066463	Soil	0.8	9.9	11.1	66	<0.1	10.7	6.1	243	2.38	3.1	3.9	3.7	15.2	17	<0.1	0.3	0.2	41	0.26	0.052
1068327	Soil	0.2	15.9	3.4	40	<0.1	4.4	3.4	112	1.10	0.9	0.6	1.6	1.1	69	<0.1	0.1	<0.1	26	0.99	0.068
1068326	Soil	0.3	5.0	5.1	157	<0.1	7.8	11.8	644	4.52	0.9	0.7	<0.5	5.0	28	<0.1	<0.1	<0.1	108	0.67	0.180
1068325	Soil	1.1	78.3	3.7	126	<0.1	26.7	18.2	846	5.72	2.4	1.0	1.1	2.2	59	<0.1	0.1	<0.1	152	1.16	0.221
1068316	Soil	0.8	28.6	6.0	110	0.2	10.5	6.9	234	2.03	1.6	0.6	2.7	0.8	90	0.1	0.1	<0.1	46	1.10	0.073
1068315	Soil	0.3	68.6	3.7	61	<0.1	35.3	14.2	305	2.57	1.3	0.3	2.1	1.7	98	<0.1	<0.1	<0.1	74	1.13	0.061

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

Project: ECH
Report Date: July 28, 2011

CERTIFICATE OF ANALYSIS WHI11000553.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1064896	Soil	11	38	0.54	172	0.083	1	2.11	0.017	0.14	0.2	0.08	3.5	0.4	<0.05	6	<0.5	<0.2
1064839	Soil	12	25	0.43	114	0.121	<1	1.43	0.010	0.14	0.1	0.02	2.7	0.2	<0.05	6	<0.5	<0.2
1064900	Soil	15	28	0.47	96	0.109	1	1.56	0.012	0.14	0.2	0.03	2.8	0.4	<0.05	5	<0.5	<0.2
1064899	Soil	14	27	0.47	107	0.097	1	1.54	0.010	0.13	0.2	0.03	2.7	0.4	<0.05	5	<0.5	<0.2
1066473	Soil	19	15	0.20	69	0.039	2	0.99	0.010	0.07	0.1	0.02	1.4	0.2	<0.05	5	<0.5	<0.2
1066469	Soil	20	25	0.41	132	0.104	<1	2.03	0.012	0.14	0.1	0.05	3.6	0.3	<0.05	6	<0.5	<0.2
1066471	Soil	17	16	0.29	86	0.068	<1	1.15	0.011	0.07	0.2	0.02	2.1	0.1	<0.05	4	<0.5	<0.2
1066466	Soil	26	26	0.34	159	0.050	1	1.78	0.013	0.15	0.2	0.04	4.1	0.3	<0.05	6	<0.5	<0.2
1066462	Soil	48	18	0.27	112	0.081	1	1.34	0.015	0.18	0.2	0.02	4.4	0.4	<0.05	5	<0.5	<0.2
1066457	Soil	23	20	0.32	118	0.034	2	1.33	0.012	0.09	0.1	0.04	2.5	0.2	<0.05	4	<0.5	<0.2
1066455	Soil	18	24	0.37	150	0.060	2	1.79	0.015	0.09	0.2	0.04	2.9	0.3	<0.05	6	<0.5	<0.2
1066464	Soil	24	22	0.23	157	0.022	2	1.90	0.011	0.12	0.1	0.09	3.3	0.3	<0.05	6	0.7	<0.2
1066458	Soil	13	22	0.29	199	0.011	3	1.94	0.013	0.09	0.1	0.10	2.5	0.2	<0.05	6	0.6	<0.2
1066452	Soil	17	21	0.34	127	0.034	2	1.41	0.013	0.09	0.1	0.05	2.4	0.2	<0.05	5	<0.5	<0.2
1066451	Soil	17	22	0.34	149	0.027	2	1.76	0.012	0.09	0.1	0.05	2.8	0.3	<0.05	5	<0.5	<0.2
1066454	Soil	29	21	0.34	94	0.062	2	1.81	0.011	0.17	0.2	0.02	3.0	0.3	<0.05	6	0.6	<0.2
1066470	Soil	15	23	0.35	135	0.047	1	1.71	0.013	0.08	0.1	0.06	2.6	0.2	<0.05	5	<0.5	<0.2
1066472	Soil	27	28	0.40	187	0.070	2	2.85	0.014	0.14	0.1	0.07	5.2	0.3	<0.05	8	0.9	<0.2
1066468	Soil	22	18	0.23	114	0.029	4	1.14	0.013	0.09	0.2	0.09	2.6	0.2	0.08	4	0.9	<0.2
1066465	Soil	30	17	0.26	95	0.082	1	1.09	0.013	0.11	0.2	<0.01	2.7	0.2	<0.05	4	0.6	<0.2
1066456	Soil	14	22	0.34	137	0.057	1	1.78	0.017	0.07	0.1	0.04	2.7	0.2	<0.05	6	<0.5	<0.2
1066460	Soil	18	14	0.23	67	0.062	2	0.99	0.010	0.08	0.1	0.02	1.5	0.2	<0.05	5	<0.5	<0.2
1066459	Soil	16	21	0.21	99	0.045	3	1.47	0.013	0.08	0.1	0.02	1.7	0.2	<0.05	6	<0.5	<0.2
1066461	Soil	21	21	0.32	128	0.045	2	1.86	0.010	0.10	0.1	0.05	3.0	0.3	<0.05	6	<0.5	<0.2
1066463	Soil	27	19	0.38	119	0.094	1	1.39	0.012	0.17	0.3	0.03	3.4	0.4	<0.05	5	0.7	<0.2
1068327	Soil	12	8	0.33	181	0.057	1	0.90	0.028	0.13	<0.1	0.03	2.7	<0.1	0.08	4	0.7	<0.2
1068326	Soil	11	13	1.36	620	0.145	1	2.77	0.011	0.77	<0.1	<0.01	4.7	0.1	<0.05	15	<0.5	<0.2
1068325	Soil	13	40	1.45	414	0.067	2	3.17	0.014	0.21	<0.1	0.03	10.4	<0.1	<0.05	13	0.8	<0.2
1068316	Soil	7	20	0.68	161	0.064	2	1.82	0.016	0.15	<0.1	0.06	2.8	<0.1	0.10	9	<0.5	<0.2
1068315	Soil	6	66	1.26	99	0.160	<1	2.81	0.024	0.09	<0.1	0.02	3.8	<0.1	<0.05	8	<0.5	<0.2

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Project: ECH
Report Date: July 28, 2011

CERTIFICATE OF ANALYSIS WHI11000553.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1068322	Soil	0.3	37.8	3.3	133	<0.1	19.4	19.7	698	5.73	1.6	0.5	<0.5	3.2	42	0.1	<0.1	<0.1	130	1.00	0.213
1068324	Soil	2.7	54.3	4.8	119	0.2	17.9	12.6	532	4.35	3.0	0.9	0.9	3.8	35	<0.1	<0.1	<0.1	120	0.71	0.099
1068317	Soil	0.5	12.9	5.2	120	<0.1	12.7	11.9	445	4.00	3.4	0.5	2.4	3.1	32	<0.1	0.2	<0.1	97	0.57	0.119
1068323	Soil	1.3	49.7	4.5	100	0.2	18.4	13.3	582	4.14	3.2	0.8	1.2	3.2	48	<0.1	0.1	<0.1	106	0.92	0.112
1068320	Soil	0.4	34.0	4.2	94	0.1	12.0	13.7	365	3.53	2.7	0.7	1.1	2.0	69	0.1	0.2	<0.1	88	1.36	0.115
1068321	Soil	0.4	46.6	4.5	140	0.1	20.1	16.1	458	4.73	2.4	0.9	2.7	3.8	50	0.2	0.1	<0.1	118	1.04	0.203
1068318	Soil	0.8	15.7	5.0	58	0.1	8.5	19.2	1775	3.08	2.5	0.6	0.9	1.9	21	<0.1	0.1	<0.1	54	0.32	0.099
1068319	Soil	0.7	26.3	1.0	15	0.2	7.1	8.7	1193	2.32	1.7	0.4	0.6	0.3	135	0.2	0.3	<0.1	11	2.67	0.100
1068313	Soil	0.7	16.1	8.4	96	<0.1	6.3	8.1	398	2.77	2.9	0.3	1.1	2.1	96	<0.1	0.1	<0.1	83	0.43	0.057
1068314	Soil	1.2	57.7	3.8	39	0.9	12.0	6.5	212	2.02	6.3	1.8	4.5	0.9	83	0.1	0.3	0.1	83	1.66	0.099
1068308	Soil	0.9	18.8	18.6	41	0.2	7.0	3.3	83	2.07	4.2	0.5	3.9	2.2	12	<0.1	0.2	0.2	45	0.09	0.072
1068309	Soil	0.3	16.1	4.6	93	<0.1	12.3	11.0	295	2.55	1.3	0.6	<0.5	3.8	34	0.1	<0.1	<0.1	49	0.36	0.072
1068310	Soil	0.4	13.2	3.6	173	<0.1	6.1	10.9	402	2.94	1.1	0.3	1.1	1.3	42	<0.1	<0.1	<0.1	56	0.54	0.147
1068311	Soil	0.9	21.8	7.8	98	<0.1	16.4	12.8	433	3.49	3.8	0.4	0.7	2.7	56	0.2	0.2	<0.1	79	0.50	0.076
1068312	Soil	0.2	40.2	3.4	107	<0.1	18.0	24.9	1097	6.57	2.0	0.3	3.3	0.9	122	<0.1	<0.1	<0.1	278	1.43	0.219
1068307	Soil	1.1	52.6	10.0	67	0.5	24.1	11.4	371	3.26	7.2	0.9	5.1	3.7	39	<0.1	0.4	0.2	77	0.30	0.027
1068306	Soil	0.4	49.6	2.0	74	<0.1	21.9	27.9	701	4.13	1.3	0.3	1.0	0.4	207	<0.1	0.1	<0.1	96	0.56	0.048
1068305	Soil	1.9	24.7	11.1	43	0.5	17.4	10.9	281	3.34	7.1	0.6	2.9	2.9	14	0.1	0.4	0.2	86	0.13	0.025
1068304	Soil	1.2	30.7	9.8	70	0.1	22.1	10.6	396	2.83	5.9	0.9	1.7	3.3	20	0.1	0.3	0.2	65	0.17	0.029
1068303	Soil	0.8	52.4	6.6	96	<0.1	21.3	8.1	601	2.53	2.6	1.2	1.0	3.7	18	<0.1	0.1	0.1	56	0.30	0.068
1068302	Soil	1.1	37.1	18.7	88	<0.1	33.9	15.9	450	3.72	2.7	1.5	0.5	17.7	7	0.1	0.1	0.4	19	0.11	0.050
1068301	Soil	16.4	91.3	23.6	200	1.0	83.3	20.1	837	4.57	7.4	2.2	1.1	19.7	22	2.3	0.6	0.2	26	0.39	0.094
1064928	Soil	1.7	20.1	17.3	52	<0.1	14.9	7.3	241	3.63	12.0	1.4	1.7	4.0	11	0.2	0.7	0.4	83	0.09	0.036
1064926	Soil	1.4	11.6	15.9	47	<0.1	14.9	6.1	218	3.12	10.1	0.9	2.9	4.4	10	0.1	0.5	0.4	93	0.11	0.024
1064929	Soil	1.0	15.1	16.5	48	<0.1	19.6	8.5	203	3.25	10.4	2.6	2.3	4.4	18	0.2	0.6	0.3	78	0.16	0.026
1064930	Soil	1.3	12.5	16.5	33	<0.1	6.3	3.3	138	2.31	7.4	0.9	1.1	3.9	7	<0.1	0.5	0.4	72	0.06	0.025
1064933	Soil	0.9	26.2	11.6	62	0.1	23.5	10.4	277	3.04	9.0	2.8	4.0	4.1	29	0.2	0.5	0.2	60	0.34	0.063
1064927	Soil	0.7	22.9	31.0	192	<0.1	33.1	13.4	331	4.02	18.6	3.7	2.8	9.5	10	0.6	0.8	0.5	54	0.08	0.018
1064931	Soil	1.3	16.5	16.9	70	<0.1	14.7	8.1	290	3.40	9.6	2.2	3.5	8.4	9	0.1	0.6	0.8	64	0.09	0.034
1064925	Soil	1.1	25.0	16.0	67	<0.1	36.4	17.1	437	4.28	9.8	3.3	3.4	9.1	11	0.2	0.5	0.4	61	0.11	0.046

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1068322	Soil	14	28	1.36	441	0.072	<1	2.92	0.008	0.47	0.1	<0.01	9.1	0.1	<0.05	14	<0.5	<0.2
1068324	Soil	11	26	1.48	234	0.106	<1	2.53	0.010	0.29	<0.1	0.02	9.7	0.2	<0.05	13	0.6	<0.2
1068317	Soil	10	22	1.08	393	0.129	1	2.34	0.014	0.35	<0.1	<0.01	3.9	0.1	<0.05	11	<0.5	<0.2
1068323	Soil	13	27	1.03	215	0.054	<1	2.20	0.011	0.16	<0.1	0.02	8.0	0.1	<0.05	11	0.7	<0.2
1068320	Soil	9	22	1.20	242	0.078	<1	2.48	0.016	0.21	<0.1	0.05	6.5	0.1	0.09	10	0.7	<0.2
1068321	Soil	29	32	1.33	314	0.076	<1	3.12	0.011	0.35	<0.1	0.04	13.2	0.1	<0.05	14	1.1	<0.2
1068318	Soil	15	20	0.45	120	0.040	<1	1.57	0.018	0.08	<0.1	0.03	3.7	<0.1	<0.05	8	0.7	<0.2
1068319	Soil	14	6	0.14	208	0.012	5	0.67	0.016	0.03	<0.1	0.07	1.5	<0.1	0.24	1	0.9	<0.2
1068313	Soil	8	16	0.64	61	0.209	1	1.53	0.016	0.05	<0.1	<0.01	2.4	<0.1	<0.05	12	<0.5	<0.2
1068314	Soil	25	22	0.35	116	0.046	4	2.18	0.023	0.06	<0.1	0.13	7.8	<0.1	0.29	6	1.4	<0.2
1068308	Soil	7	21	0.14	108	0.041	2	3.27	0.012	0.04	<0.1	0.03	2.4	<0.1	<0.05	7	<0.5	<0.2
1068309	Soil	14	20	1.16	257	0.081	<1	1.89	0.009	0.20	<0.1	<0.01	2.4	<0.1	<0.05	8	<0.5	<0.2
1068310	Soil	7	8	1.03	143	0.034	<1	1.97	0.007	0.10	<0.1	<0.01	1.4	<0.1	<0.05	12	<0.5	<0.2
1068311	Soil	9	29	1.34	124	0.108	2	2.59	0.012	0.09	<0.1	<0.01	3.0	<0.1	<0.05	11	<0.5	<0.2
1068312	Soil	4	20	4.76	219	0.424	2	4.89	0.012	0.36	<0.1	<0.01	10.2	<0.1	<0.05	20	<0.5	<0.2
1068307	Soil	11	36	0.66	221	0.106	<1	2.47	0.018	0.04	0.1	0.04	6.5	<0.1	<0.05	7	0.5	<0.2
1068306	Soil	3	30	2.33	224	0.234	<1	2.59	0.006	0.10	<0.1	<0.01	6.5	<0.1	<0.05	7	<0.5	<0.2
1068305	Soil	8	31	0.38	176	0.070	<1	2.72	0.012	0.05	<0.1	0.03	4.0	<0.1	<0.05	8	<0.5	<0.2
1068304	Soil	7	24	0.61	191	0.077	<1	2.00	0.009	0.05	0.1	<0.01	2.8	<0.1	<0.05	7	0.6	<0.2
1068303	Soil	14	19	1.20	117	0.030	<1	1.77	0.007	0.04	<0.1	<0.01	5.4	<0.1	<0.05	8	0.6	<0.2
1068302	Soil	19	20	0.83	82	0.008	<1	1.69	0.003	0.07	<0.1	<0.01	2.5	<0.1	<0.05	5	0.7	<0.2
1068301	Soil	34	29	0.82	124	0.002	1	1.14	0.003	0.08	0.2	0.05	2.3	0.2	<0.05	3	3.7	<0.2
1064928	Soil	10	30	0.25	90	0.048	<1	2.05	0.009	0.05	0.2	0.04	2.4	0.2	<0.05	8	<0.5	<0.2
1064926	Soil	11	28	0.37	67	0.133	<1	1.56	0.006	0.13	0.1	0.03	2.5	0.3	<0.05	11	<0.5	<0.2
1064929	Soil	12	31	0.46	190	0.079	<1	2.50	0.010	0.05	0.1	0.04	3.2	0.1	<0.05	8	<0.5	<0.2
1064930	Soil	11	17	0.14	56	0.066	<1	1.26	0.007	0.04	<0.1	0.03	1.3	0.2	<0.05	8	<0.5	<0.2
1064933	Soil	17	31	0.51	234	0.063	2	2.04	0.014	0.06	0.2	0.05	4.4	0.1	<0.05	6	0.6	<0.2
1064927	Soil	18	35	0.30	138	0.019	1	1.98	0.006	0.07	<0.1	0.02	3.5	1.0	<0.05	5	<0.5	<0.2
1064931	Soil	14	24	0.26	84	0.032	2	2.04	0.008	0.06	0.1	0.02	2.8	0.2	<0.05	7	0.6	<0.2
1064925	Soil	15	39	0.45	150	0.071	1	2.85	0.010	0.16	0.1	0.05	4.0	0.5	<0.05	6	<0.5	<0.2

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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
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Project: ECH
Report Date: July 28, 2011

CERTIFICATE OF ANALYSIS WHI11000553.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1064932	Soil		0.4	6.6	3.3	15	<0.1	2.4	1.5	50	0.69	1.0	0.3	0.8	0.4	9	0.2	<0.1	<0.1	19	0.05	0.017
1064921	Soil		4.8	33.7	17.1	91	<0.1	27.4	12.7	307	4.15	13.5	3.3	1.9	5.9	15	0.2	1.2	0.5	60	0.11	0.039
1064906	Soil		0.9	11.2	12.3	40	<0.1	10.0	5.4	271	3.00	6.7	1.5	2.7	3.4	9	<0.1	0.4	0.4	71	0.10	0.038
1064911	Soil		0.9	14.7	10.8	54	<0.1	16.6	7.2	314	2.95	7.8	1.2	8.9	3.2	14	0.2	0.4	0.4	65	0.16	0.036
1064915	Soil		0.4	32.4	9.8	69	0.1	26.7	10.8	297	3.24	10.7	5.5	10.4	7.0	32	0.3	0.6	0.3	67	0.42	0.079
1064913	Soil		0.6	28.2	14.4	73	0.1	26.7	10.2	364	3.22	6.8	21.0	4.1	10.3	20	0.1	0.5	0.4	67	0.22	0.042
1064914	Soil		0.7	19.4	7.5	39	<0.1	10.7	7.7	301	2.06	4.3	3.2	2.2	3.3	14	<0.1	0.3	0.2	47	0.15	0.046
1064912	Soil		0.7	22.6	11.1	60	<0.1	21.7	11.8	481	3.02	7.4	8.3	2.5	10.2	14	0.2	0.4	0.3	63	0.19	0.035
1064923	Soil		1.0	19.6	11.6	56	<0.1	22.0	10.6	348	3.52	8.4	2.4	3.2	7.5	12	<0.1	0.5	0.3	67	0.13	0.022
1064909	Soil		0.6	10.4	14.7	56	<0.1	16.2	8.3	286	2.69	5.7	1.9	3.1	5.5	16	0.2	0.3	0.3	51	0.21	0.041
1064919	Soil		1.0	9.5	6.1	22	<0.1	4.6	1.5	64	0.66	0.8	0.5	2.3	0.6	12	<0.1	0.2	1.6	31	0.09	0.021
1064905	Soil		0.7	13.0	9.3	49	<0.1	16.5	7.1	218	2.69	5.7	3.3	2.4	4.7	25	0.2	0.3	0.3	53	0.31	0.053
1064904	Soil		0.7	27.0	3.0	12	0.3	8.3	3.2	326	0.82	2.6	10.1	1.1	0.9	37	0.2	0.3	0.1	13	0.55	0.200
1064901	Soil		1.5	13.5	11.7	42	<0.1	10.9	5.5	240	2.97	8.0	0.8	2.3	1.9	12	0.1	0.5	0.3	75	0.10	0.035
1064918	Soil		0.6	17.7	9.8	57	<0.1	18.6	10.4	299	3.08	5.6	1.6	2.9	6.7	14	0.2	0.3	0.3	54	0.19	0.041
1064902	Soil		0.6	7.7	3.7	21	<0.1	3.2	2.5	73	1.13	1.8	0.4	3.1	0.3	9	<0.1	0.2	<0.1	28	0.07	0.019
1064908	Soil		1.6	9.7	10.8	27	<0.1	4.6	2.6	188	1.50	2.9	1.2	2.5	2.8	8	0.1	0.5	0.5	70	0.06	0.022
1064903	Soil		1.1	25.8	13.7	57	0.2	20.9	9.2	260	3.25	7.6	10.4	6.1	6.0	25	0.2	0.5	0.3	57	0.37	0.087
1064910	Soil		0.7	17.3	10.8	59	<0.1	17.3	8.4	250	2.77	5.9	5.5	1.9	7.2	19	0.1	0.4	0.3	56	0.28	0.062
1064924	Soil		1.0	20.1	11.5	59	<0.1	23.8	11.2	374	3.76	9.0	2.5	1.8	7.9	13	<0.1	0.5	0.3	65	0.12	0.022
1064916	Soil		1.0	11.5	9.8	48	<0.1	12.7	6.1	241	3.25	5.4	1.1	3.0	3.0	9	0.1	0.4	0.4	67	0.11	0.023
1064917	Soil		1.0	35.2	15.3	67	0.4	21.0	7.8	410	3.27	7.8	20.2	7.4	4.6	50	0.1	0.5	0.5	48	0.67	0.092
1064907	Soil		0.5	28.2	8.7	69	<0.1	23.8	10.9	440	2.91	7.5	5.9	5.2	5.8	23	0.2	0.4	0.3	58	0.35	0.081
1064922	Soil		1.5	19.5	11.8	62	<0.1	18.8	8.2	264	3.77	11.6	1.9	0.8	4.9	13	0.2	0.6	0.5	61	0.15	0.039
1064920	Soil		0.8	18.1	12.3	50	<0.1	20.8	8.4	246	3.79	6.3	0.6	2.2	3.3	15	0.1	0.4	0.4	71	0.14	0.028
1070534	Soil		1.1	20.3	23.6	96	<0.1	31.3	13.6	451	3.75	13.8	6.8	<0.5	11.0	10	0.2	0.2	1.5	39	0.10	0.044
1033599	Soil		0.9	12.1	29.1	87	<0.1	12.8	5.5	210	2.84	8.2	3.6	0.9	5.0	8	0.4	0.3	2.9	42	0.07	0.039
1070535	Soil		0.8	40.0	15.5	129	<0.1	43.1	19.0	469	6.04	32.2	4.1	2.0	18.7	7	<0.1	0.2	0.9	28	0.06	0.029
1033598	Soil		1.3	37.2	19.7	82	0.1	34.2	15.1	213	3.75	10.1	3.6	1.4	4.9	12	0.7	0.5	0.9	66	0.09	0.057
1033597	Soil		0.9	27.3	16.7	81	<0.1	32.1	15.2	281	3.40	10.3	1.1	3.4	4.4	15	0.5	0.5	0.7	61	0.12	0.025

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Project: ECH
Report Date: July 28, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1064932	Soil	3	5	0.04	39	0.033	<1	0.39	0.018	0.02	<0.1	0.02	0.4	<0.1	<0.05	2	<0.5	<0.2
1064921	Soil	14	29	0.32	112	0.045	<1	2.26	0.007	0.19	0.1	0.05	2.9	0.8	0.11	8	0.9	<0.2
1064906	Soil	7	20	0.28	44	0.116	1	1.24	0.007	0.08	0.3	0.06	3.3	0.2	<0.05	9	0.6	<0.2
1064911	Soil	8	25	0.43	95	0.086	1	1.81	0.010	0.08	0.2	0.05	3.2	0.1	<0.05	7	<0.5	<0.2
1064915	Soil	20	34	0.62	220	0.120	1	1.82	0.021	0.15	0.2	0.03	6.4	0.2	<0.05	6	0.6	<0.2
1064913	Soil	31	38	0.59	200	0.109	<1	2.33	0.014	0.17	0.2	0.05	9.3	0.3	<0.05	7	0.5	<0.2
1064914	Soil	10	19	0.30	87	0.071	<1	1.52	0.018	0.06	0.1	0.03	2.7	0.2	<0.05	5	<0.5	<0.2
1064912	Soil	32	34	0.52	129	0.105	2	2.17	0.011	0.14	0.1	0.04	6.7	0.2	<0.05	6	<0.5	<0.2
1064923	Soil	18	32	0.47	108	0.112	<1	2.00	0.008	0.20	0.1	0.03	3.3	0.3	<0.05	7	0.7	<0.2
1064909	Soil	11	26	0.45	106	0.078	2	1.77	0.009	0.10	0.2	0.03	3.8	0.2	<0.05	5	<0.5	<0.2
1064919	Soil	7	14	0.05	76	0.041	<1	0.55	0.010	0.04	<0.1	0.03	0.9	0.1	<0.05	5	<0.5	<0.2
1064905	Soil	9	25	0.45	94	0.078	2	1.88	0.010	0.09	0.3	0.04	3.4	0.2	<0.05	6	<0.5	<0.2
1064904	Soil	46	13	0.10	151	0.019	3	0.73	0.015	0.04	<0.1	0.16	3.3	0.2	0.31	1	1.1	<0.2
1064901	Soil	8	22	0.23	102	0.074	1	1.46	0.009	0.04	0.1	0.05	2.0	0.1	<0.05	8	<0.5	<0.2
1064918	Soil	12	32	0.50	101	0.112	1	2.30	0.011	0.23	0.2	0.03	4.5	0.4	<0.05	6	<0.5	<0.2
1064902	Soil	3	7	0.11	30	0.044	<1	0.77	0.024	0.02	<0.1	0.03	0.7	<0.1	<0.05	3	<0.5	<0.2
1064908	Soil	10	12	0.08	58	0.064	<1	0.92	0.005	0.05	<0.1	0.03	1.6	0.1	<0.05	8	<0.5	<0.2
1064903	Soil	55	30	0.41	192	0.059	2	1.88	0.014	0.11	0.2	0.07	8.4	0.2	0.06	6	0.9	<0.2
1064910	Soil	18	29	0.48	122	0.100	2	1.84	0.013	0.14	0.2	0.02	5.5	0.2	<0.05	6	<0.5	<0.2
1064924	Soil	18	34	0.49	111	0.112	1	2.09	0.008	0.21	0.1	0.02	3.5	0.3	<0.05	7	<0.5	<0.2
1064916	Soil	7	21	0.37	65	0.100	1	1.78	0.008	0.10	0.1	0.03	3.3	0.1	0.10	7	<0.5	<0.2
1064917	Soil	112	32	0.34	230	0.027	3	2.50	0.011	0.16	0.2	0.12	8.0	0.2	0.12	6	0.8	<0.2
1064907	Soil	19	28	0.49	166	0.097	2	1.65	0.015	0.12	0.2	0.04	4.6	0.2	<0.05	5	<0.5	<0.2
1064922	Soil	14	22	0.23	70	0.092	<1	1.31	0.006	0.17	<0.1	0.04	2.0	0.3	<0.05	7	<0.5	<0.2
1064920	Soil	10	32	0.47	97	0.136	2	2.16	0.010	0.17	0.1	0.04	2.7	0.2	<0.05	9	<0.5	<0.2
1070534	Soil	24	30	0.25	104	0.048	1	1.63	0.006	0.17	0.1	0.01	3.2	0.4	<0.05	4	<0.5	<0.2
1033599	Soil	12	17	0.20	79	0.028	<1	1.66	0.006	0.09	0.1	0.03	1.5	0.3	<0.05	6	<0.5	<0.2
1070535	Soil	51	25	0.15	106	0.007	2	1.04	0.005	0.17	<0.1	0.02	3.8	1.7	<0.05	3	<0.5	<0.2
1033598	Soil	9	41	0.36	195	0.051	2	4.77	0.009	0.09	0.1	0.06	4.3	0.3	<0.05	8	<0.5	<0.2
1033597	Soil	9	37	0.50	167	0.079	1	3.06	0.009	0.07	0.2	0.03	3.2	0.2	<0.05	6	<0.5	<0.2

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1033595	Soil	1.3	27.1	12.7	67	<0.1	38.1	13.8	587	4.55	11.0	3.4	<0.5	10.5	15	<0.1	0.5	0.6	68	0.16	0.029
1064948	Soil	1.6	31.0	34.8	110	<0.1	39.1	20.8	725	6.80	12.5	6.6	2.1	16.5	13	0.1	0.3	0.5	64	0.16	0.051
1033596	Soil	0.7	25.1	11.4	61	<0.1	24.1	9.9	345	2.87	6.0	7.6	3.0	6.0	21	0.1	0.4	0.6	56	0.24	0.029
1033593	Soil	1.2	21.8	16.0	108	<0.1	20.9	8.2	233	3.66	7.1	4.3	0.9	9.3	10	0.2	0.3	0.8	51	0.08	0.025
1064949	Soil	1.3	16.1	12.5	42	<0.1	14.6	6.1	184	3.12	8.4	2.6	4.5	4.7	13	0.1	0.5	0.4	71	0.12	0.020
1033594	Soil	1.2	32.5	14.6	73	<0.1	30.7	14.9	489	4.08	6.5	5.3	1.4	7.9	17	0.1	0.4	0.5	72	0.17	0.027
1064950	Soil	1.0	21.1	16.1	54	<0.1	23.5	11.0	192	3.30	9.0	1.2	0.5	4.5	12	0.3	0.5	0.4	64	0.11	0.032
1064937	Soil	1.4	64.8	5.7	104	<0.1	24.2	25.7	865	6.48	3.0	0.5	<0.5	1.7	54	0.2	0.3	0.1	168	0.24	0.048
1064942	Soil	0.4	93.2	2.4	72	<0.1	17.5	22.9	626	4.68	0.8	0.8	1.0	1.5	54	<0.1	0.1	<0.1	146	0.69	0.087
1064944	Soil	0.9	50.8	5.8	100	<0.1	17.0	13.1	622	3.96	1.7	0.9	0.6	4.5	28	0.1	0.2	<0.1	76	0.40	0.051
1064943	Soil	0.7	87.1	2.9	70	<0.1	19.0	22.2	609	4.49	2.1	0.9	<0.5	1.6	57	<0.1	0.1	<0.1	142	0.65	0.081
1064941	Soil	2.5	46.2	14.3	100	0.5	28.6	16.0	288	4.05	8.1	1.2	1.4	6.5	28	0.3	0.3	0.3	73	0.18	0.046
1064939	Soil	2.3	84.5	5.3	105	<0.1	18.1	18.0	336	3.97	2.6	0.7	0.7	3.4	49	0.2	0.2	0.1	89	0.38	0.031
1064940	Soil	1.2	95.1	4.1	214	<0.1	16.4	25.6	535	4.84	0.9	1.4	<0.5	3.3	48	0.2	0.1	<0.1	117	0.47	0.077
1064936	Soil	1.7	45.8	8.5	106	<0.1	22.0	11.9	729	3.58	1.1	1.1	<0.5	5.3	16	0.3	0.1	0.1	43	0.32	0.068
1064799	Soil	0.6	42.9	9.6	116	<0.1	43.6	16.5	556	4.51	6.1	12.2	2.7	8.2	26	0.1	0.3	0.8	54	0.16	0.041
1064800	Soil	0.9	47.9	14.3	116	<0.1	65.9	25.8	502	6.33	21.4	5.0	<0.5	11.2	21	0.2	0.4	0.5	38	0.05	0.062
1070501	Soil	1.4	19.0	14.6	52	0.3	24.0	12.6	264	3.46	9.6	0.9	<0.5	3.3	13	0.5	0.6	0.5	74	0.13	0.058
1070502	Soil	0.8	37.9	23.2	96	<0.1	34.4	14.3	682	3.59	3.5	6.0	2.2	13.5	14	0.3	0.3	1.8	45	0.16	0.043
1070503	Soil	2.6	17.0	12.0	79	<0.1	15.5	7.0	242	2.65	7.0	4.4	<0.5	9.4	10	0.1	0.3	1.4	51	0.08	0.042
1070519	Soil	0.6	38.9	5.0	74	<0.1	18.6	15.7	605	3.35	0.8	0.5	<0.5	3.3	20	<0.1	0.1	0.1	61	0.25	0.060
1066220	Soil	1.0	216.3	5.0	99	<0.1	17.3	32.9	811	7.67	<0.5	0.8	<0.5	3.7	20	0.2	0.1	0.3	189	0.38	0.081
1070520	Soil	1.1	17.4	7.8	77	<0.1	15.8	10.4	727	3.18	2.9	0.4	0.5	2.2	15	0.2	0.4	0.2	64	0.16	0.022
1066219	Soil	1.0	224.3	5.5	114	<0.1	14.7	27.5	648	6.97	0.9	0.7	<0.5	3.6	18	0.2	0.2	0.3	183	0.29	0.062
1070516	Soil	1.5	16.4	17.8	54	<0.1	17.0	8.0	274	3.26	9.0	1.2	0.5	3.7	14	<0.1	0.4	1.8	68	0.14	0.045
1064938	Soil	0.7	66.4	3.6	79	<0.1	16.2	25.2	536	4.08	1.4	0.5	2.6	1.3	67	<0.1	0.4	<0.1	112	0.30	0.048
1070517	Soil	0.6	23.6	4.6	55	<0.1	13.8	16.9	540	4.17	3.1	1.5	1.6	7.2	34	<0.1	0.2	0.1	78	0.47	0.037
1070518	Soil	1.0	19.1	11.2	64	0.1	12.3	7.7	308	2.99	5.8	0.5	1.9	4.1	8	<0.1	0.3	0.2	60	0.09	0.022
1070763	Soil	1.4	18.7	16.1	66	0.1	17.7	8.2	542	2.78	7.9	16.0	6.8	5.4	41	0.2	0.3	0.5	53	0.47	0.049
1070762	Soil	1.1	13.8	13.6	62	<0.1	13.8	8.5	425	2.79	7.0	4.7	2.2	6.8	25	0.1	0.4	1.1	54	0.30	0.035

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Project: ECH
Report Date: July 28, 2011

CERTIFICATE OF ANALYSIS WHI11000553.1

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1033595	Soil		18	41	0.50	243	0.075	1	3.27	0.009	0.25	<0.1	0.02	4.5	0.5	<0.05	8	<0.5	<0.2
1064948	Soil		37	43	0.87	208	0.193	3	2.64	0.008	0.80	0.2	0.01	7.6	1.1	<0.05	11	<0.5	<0.2
1033596	Soil		21	33	0.53	163	0.093	1	1.78	0.011	0.10	0.1	0.03	5.0	0.3	<0.05	5	<0.5	<0.2
1033593	Soil		23	23	0.24	105	0.036	1	1.57	0.006	0.11	<0.1	0.02	2.8	0.7	<0.05	6	<0.5	<0.2
1064949	Soil		13	25	0.25	117	0.067	1	1.96	0.007	0.06	<0.1	0.02	2.4	0.2	<0.05	8	<0.5	<0.2
1033594	Soil		22	46	0.56	189	0.099	1	2.58	0.012	0.12	<0.1	0.04	5.6	0.4	<0.05	8	<0.5	<0.2
1064950	Soil		11	34	0.34	123	0.055	<1	3.61	0.008	0.05	0.1	0.02	3.3	0.6	<0.05	7	<0.5	<0.2
1064937	Soil		6	46	1.91	308	0.139	<1	3.04	0.007	0.24	<0.1	<0.01	8.6	<0.1	<0.05	12	<0.5	<0.2
1064942	Soil		6	28	2.33	230	0.200	<1	2.94	0.024	0.31	<0.1	<0.01	8.5	<0.1	<0.05	8	<0.5	<0.2
1064944	Soil		15	26	1.48	251	0.089	<1	2.21	0.008	0.17	<0.1	0.01	8.0	<0.1	<0.05	8	0.5	<0.2
1064943	Soil		7	30	2.07	234	0.192	<1	2.83	0.023	0.26	<0.1	<0.01	8.3	<0.1	<0.05	7	<0.5	<0.2
1064941	Soil		17	33	0.57	304	0.102	<1	2.31	0.015	0.15	0.1	0.02	3.8	0.2	0.12	6	1.3	<0.2
1064939	Soil		14	34	1.44	283	0.114	<1	2.31	0.017	0.12	<0.1	<0.01	5.7	<0.1	0.05	7	<0.5	0.3
1064940	Soil		13	28	1.65	594	0.206	<1	2.39	0.024	0.45	<0.1	<0.01	5.9	0.1	0.08	9	<0.5	<0.2
1064936	Soil		14	23	0.70	372	0.053	<1	1.47	0.007	0.17	<0.1	0.01	6.6	<0.1	<0.05	7	<0.5	<0.2
1064799	Soil		24	44	0.83	298	0.176	<1	2.37	0.014	0.55	<0.1	0.01	5.1	1.2	0.10	7	<0.5	<0.2
1064800	Soil		28	29	0.36	152	0.020	2	2.16	0.011	0.33	<0.1	<0.01	3.1	0.8	0.13	6	<0.5	<0.2
1070501	Soil		8	36	0.36	153	0.078	<1	3.52	0.011	0.05	0.1	0.03	3.4	<0.1	<0.05	7	<0.5	<0.2
1070502	Soil		32	31	0.58	167	0.099	<1	1.93	0.010	0.37	0.1	0.01	3.3	0.6	<0.05	7	<0.5	<0.2
1070503	Soil		20	18	0.14	58	0.031	<1	0.94	0.005	0.09	<0.1	0.01	2.3	0.3	<0.05	5	<0.5	<0.2
1070519	Soil		6	27	1.44	314	0.185	<1	2.10	0.006	0.58	<0.1	<0.01	1.1	0.2	<0.05	6	<0.5	<0.2
1066220	Soil		16	26	1.99	655	0.025	<1	3.64	0.007	0.20	<0.1	0.01	14.4	<0.1	<0.05	12	<0.5	<0.2
1070520	Soil		8	28	0.33	158	0.066	<1	1.68	0.012	0.08	<0.1	0.02	2.4	<0.1	<0.05	8	<0.5	<0.2
1066219	Soil		15	22	1.79	468	0.026	<1	3.48	0.007	0.16	<0.1	<0.01	12.1	<0.1	<0.05	11	0.5	<0.2
1070516	Soil		10	27	0.32	134	0.054	<1	2.00	0.007	0.09	0.1	0.01	2.3	0.2	<0.05	8	<0.5	<0.2
1064938	Soil		4	27	1.57	282	0.131	1	2.07	0.008	0.39	<0.1	<0.01	3.9	<0.1	<0.05	6	<0.5	<0.2
1070517	Soil		15	23	1.01	334	0.023	1	2.22	0.011	0.12	<0.1	<0.01	8.7	<0.1	<0.05	7	<0.5	<0.2
1070518	Soil		8	26	0.52	138	0.070	<1	1.54	0.007	0.12	<0.1	<0.01	2.4	<0.1	<0.05	7	<0.5	<0.2
1070763	Soil		17	28	0.44	244	0.069	1	1.95	0.015	0.16	0.2	0.03	3.9	0.2	<0.05	6	0.8	<0.2
1070762	Soil		15	24	0.48	162	0.102	<1	1.66	0.013	0.15	0.2	0.03	2.8	0.2	<0.05	6	<0.5	<0.2

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Project: ECH
Report Date: July 28, 2011

CERTIFICATE OF ANALYSIS WHI11000553.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1070765	Soil		0.9	15.9	10.8	55	0.1	16.4	8.6	476	2.60	5.6	7.1	3.6	5.2	43	0.1	0.3	0.4	53	0.47	0.032
1070766	Soil		0.9	17.5	12.0	59	0.1	19.0	8.1	275	2.83	6.4	7.1	4.8	4.9	40	0.1	0.3	0.4	56	0.43	0.037
1070768	Soil		1.7	19.0	15.8	67	0.2	22.0	12.2	567	3.27	8.2	7.9	3.5	3.8	47	<0.1	0.3	0.5	66	0.58	0.049
1070764	Soil		1.1	19.8	13.9	53	0.2	13.8	5.6	248	3.10	6.9	3.2	3.1	4.0	23	0.2	0.3	0.4	62	0.23	0.034
1070767	Soil		1.0	15.0	12.1	58	0.2	20.5	9.3	438	2.86	6.5	5.6	3.5	3.8	34	0.1	0.3	0.4	65	0.39	0.039
1070751	Soil		0.6	17.4	13.0	71	0.1	24.9	10.7	572	2.76	5.4	8.5	3.0	3.6	34	0.2	0.3	0.7	58	0.33	0.052
1070752	Soil		1.2	11.8	12.8	62	<0.1	16.5	9.2	370	2.97	8.3	1.8	3.9	3.4	18	0.2	0.3	1.3	67	0.15	0.037
1070758	Soil		1.5	20.7	13.1	57	0.1	16.7	7.9	352	2.93	6.7	11.0	4.1	5.5	36	0.1	0.3	0.6	57	0.41	0.035
1070753	Soil		1.3	22.8	17.8	74	0.3	23.0	8.8	370	3.65	9.7	6.8	2.8	3.7	35	0.1	0.4	1.1	72	0.31	0.050
1070759	Soil		1.3	16.0	11.4	58	0.1	15.7	8.9	520	2.61	6.0	8.3	4.8	5.1	31	0.1	0.3	0.5	53	0.34	0.053
1070756	Soil		0.9	23.7	15.9	58	0.2	21.7	9.6	322	3.56	8.3	13.2	4.4	5.7	37	0.1	0.4	1.0	74	0.41	0.035
1070754	Soil		1.5	28.0	18.8	73	0.4	25.0	16.8	900	3.97	11.7	13.3	5.4	3.9	61	0.3	0.4	0.7	80	0.54	0.075
1070760	Soil		1.4	21.1	14.9	62	0.2	18.9	12.5	825	3.35	7.5	15.1	8.4	5.9	41	0.1	0.4	0.7	65	0.42	0.034
1070761	Soil		0.9	14.1	11.3	65	<0.1	14.7	8.8	429	2.65	5.1	5.6	3.3	7.0	27	0.1	0.3	0.5	51	0.33	0.042
1070755	Soil		1.0	21.1	13.4	51	0.2	18.6	6.8	262	2.96	6.9	7.9	1.8	3.5	29	0.1	0.4	1.3	60	0.27	0.034
1070774	Soil		1.5	17.1	28.2	109	0.3	18.6	11.7	550	3.24	8.2	7.6	4.2	2.5	36	0.3	0.5	0.5	60	0.41	0.056
1070777	Soil		0.7	17.2	19.7	63	0.2	12.4	4.5	132	2.30	6.2	10.1	3.7	4.9	24	0.2	0.5	0.7	44	0.26	0.048
1070776	Soil		1.1	11.6	24.4	73	<0.1	12.3	10.7	551	2.48	5.7	4.1	0.9	4.3	20	0.1	0.7	0.6	44	0.22	0.042
1070775	Soil		1.0	16.3	28.5	88	0.2	15.3	7.7	305	2.54	6.0	8.0	2.9	4.3	25	0.3	0.7	0.6	44	0.30	0.048
1070770	Soil		1.1	18.4	18.0	76	0.1	17.0	6.1	240	2.67	5.4	5.5	2.4	2.7	34	0.2	0.3	1.4	54	0.42	0.037
1070773	Soil		4.1	20.7	20.1	87	0.3	25.2	32.1	3637	5.82	9.2	19.6	4.2	2.0	63	0.8	0.6	0.5	54	0.76	0.086
1070772	Soil		0.8	16.1	18.7	109	<0.1	17.4	8.6	232	2.47	5.7	4.1	2.1	5.6	27	0.3	0.4	1.1	50	0.34	0.037
1070779	Soil		0.9	11.1	16.1	60	<0.1	13.0	5.2	177	2.51	6.4	5.2	2.5	4.2	22	0.1	0.5	0.8	48	0.25	0.043
1070771	Soil		1.2	23.7	26.6	101	0.1	16.9	8.5	454	3.22	7.2	5.3	3.1	5.2	34	0.3	0.3	0.7	67	0.41	0.046
1070757	Soil		1.2	14.0	12.1	52	0.1	15.0	6.8	314	2.65	5.1	7.3	1.9	5.6	29	<0.1	0.3	0.7	54	0.34	0.033
1070778	Soil		0.7	20.7	19.5	54	0.2	13.1	9.3	258	1.90	3.4	15.5	3.7	2.2	47	0.1	0.6	1.0	40	0.63	0.063
1070769	Soil		1.3	22.2	15.2	58	0.2	19.0	10.7	941	2.33	5.5	19.6	3.0	1.6	86	0.3	0.5	0.7	39	1.08	0.072
1066232	Soil		0.7	8.1	10.0	20	<0.1	3.5	2.2	103	1.20	2.5	0.6	1.8	3.3	11	<0.1	0.3	0.4	33	0.06	0.016
1066231	Soil		0.7	6.7	10.1	29	<0.1	4.1	2.6	131	1.55	3.3	1.0	3.3	3.3	9	<0.1	0.3	0.4	38	0.05	0.022
1066233	Soil		1.4	25.3	21.2	64	0.1	20.1	8.1	279	3.35	12.0	3.8	3.4	7.2	28	0.2	0.7	0.7	59	0.21	0.048

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1070765	Soil		13	29	0.51	284	0.111	<1	1.93	0.017	0.15	0.2	0.03	3.4	0.2	<0.05	8	0.5	<0.2
1070766	Soil		15	32	0.60	247	0.121	1	2.34	0.018	0.18	0.2	0.04	4.1	0.2	<0.05	8	0.8	<0.2
1070768	Soil		13	39	0.63	303	0.110	2	2.41	0.017	0.14	0.3	0.07	4.7	0.3	<0.05	8	0.7	<0.2
1070764	Soil		9	23	0.37	187	0.078	1	2.14	0.011	0.16	0.2	0.02	2.5	0.2	<0.05	8	<0.5	<0.2
1070767	Soil		12	37	0.68	227	0.135	1	2.16	0.017	0.15	0.2	0.04	3.8	0.3	<0.05	8	0.6	<0.2
1070751	Soil		14	45	0.57	230	0.114	1	2.22	0.012	0.17	0.6	0.04	3.7	0.3	<0.05	8	<0.5	<0.2
1070752	Soil		10	30	0.50	99	0.111	2	2.07	0.012	0.15	0.2	0.02	2.6	0.2	<0.05	8	<0.5	<0.2
1070758	Soil		20	26	0.49	296	0.105	<1	2.06	0.018	0.16	0.4	0.02	3.4	0.2	<0.05	7	<0.5	<0.2
1070753	Soil		15	41	0.54	291	0.083	2	3.10	0.015	0.16	0.2	0.05	5.1	0.2	<0.05	10	<0.5	<0.2
1070759	Soil		23	24	0.48	244	0.100	<1	1.65	0.015	0.16	0.5	0.02	3.2	0.2	<0.05	6	<0.5	<0.2
1070756	Soil		21	36	0.57	284	0.126	1	3.03	0.017	0.20	0.3	0.05	5.8	0.3	<0.05	9	0.7	<0.2
1070754	Soil		28	40	0.57	430	0.102	2	3.00	0.017	0.18	0.2	0.01	5.3	0.2	<0.05	10	<0.5	<0.2
1070760	Soil		21	28	0.49	285	0.104	1	2.42	0.018	0.15	0.2	0.04	4.7	0.3	<0.05	9	0.6	<0.2
1070761	Soil		14	25	0.53	157	0.113	<1	1.55	0.015	0.16	0.2	0.01	3.2	0.2	<0.05	6	<0.5	<0.2
1070755	Soil		14	28	0.47	206	0.094	1	2.13	0.017	0.15	0.3	0.03	3.3	0.2	<0.05	8	<0.5	<0.2
1070774	Soil		11	33	0.49	241	0.068	2	2.61	0.018	0.12	0.2	0.11	4.2	0.4	<0.05	8	0.7	<0.2
1070777	Soil		18	22	0.36	158	0.073	2	1.82	0.014	0.10	0.3	0.11	3.8	0.3	<0.05	6	0.5	<0.2
1070776	Soil		13	21	0.41	124	0.081	<1	1.54	0.013	0.13	0.4	0.03	2.7	0.3	<0.05	6	<0.5	<0.2
1070775	Soil		15	28	0.45	195	0.065	2	2.04	0.017	0.11	0.1	0.11	3.8	0.3	<0.05	6	0.7	<0.2
1070770	Soil		11	34	0.51	218	0.093	1	2.19	0.017	0.12	0.9	0.06	3.8	0.3	<0.05	8	<0.5	<0.2
1070773	Soil		17	27	0.40	399	0.045	2	2.00	0.016	0.10	0.3	0.16	4.8	0.3	0.09	6	0.5	<0.2
1070772	Soil		13	27	0.52	186	0.118	<1	1.77	0.018	0.13	1.5	0.05	3.7	0.4	<0.05	6	<0.5	<0.2
1070779	Soil		14	22	0.40	131	0.067	1	1.78	0.012	0.11	0.5	0.07	2.7	0.3	<0.05	5	<0.5	<0.2
1070771	Soil		11	32	0.55	241	0.131	1	2.12	0.016	0.22	0.9	0.04	4.3	0.5	<0.05	8	<0.5	<0.2
1070757	Soil		15	25	0.51	219	0.112	1	1.96	0.018	0.23	0.3	0.03	3.2	0.3	<0.05	8	<0.5	<0.2
1070778	Soil		16	26	0.39	224	0.046	2	1.96	0.018	0.07	0.6	0.11	4.5	0.2	0.13	6	<0.5	<0.2
1070769	Soil		21	25	0.40	370	0.054	3	1.97	0.018	0.11	0.9	0.13	4.2	0.2	0.14	6	0.9	<0.2
1066232	Soil		10	8	0.07	55	0.033	<1	0.85	0.012	0.04	<0.1	0.03	0.9	0.1	<0.05	5	<0.5	<0.2
1066231	Soil		10	8	0.08	36	0.037	<1	0.60	0.011	0.03	<0.1	0.01	0.9	0.1	<0.05	5	<0.5	<0.2
1066233	Soil		43	26	0.39	222	0.020	2	2.60	0.012	0.09	0.1	0.04	3.6	0.2	<0.05	7	<0.5	<0.2

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

Project: ECH
Report Date: July 28, 2011

CERTIFICATE OF ANALYSIS WHI11000553.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1066234	Soil		0.8	17.3	11.4	34	<0.1	11.4	4.4	131	2.01	7.0	2.0	2.9	1.3	15	0.2	0.4	0.4	40	0.12	0.035
1066227	Soil		1.3	14.3	11.1	28	<0.1	8.4	4.3	160	2.46	7.1	0.9	2.1	4.2	9	0.2	0.4	0.6	66	0.07	0.024
1066237	Soil		1.1	36.4	17.0	124	<0.1	34.7	18.1	559	5.66	7.3	2.5	0.9	7.2	15	0.1	0.1	0.4	59	0.12	0.053
1066230	Soil		0.8	10.7	5.0	18	<0.1	3.0	1.6	55	0.96	2.2	0.5	10.3	1.0	7	<0.1	0.1	0.2	32	0.05	0.023
1066229	Soil		0.8	19.0	9.9	48	<0.1	18.9	8.1	222	3.13	8.8	0.8	5.3	3.6	13	0.1	0.5	0.3	63	0.14	0.041
1065045	Soil		1.1	9.2	7.8	34	<0.1	7.3	4.5	183	2.39	5.8	0.8	1.8	6.6	6	<0.1	0.3	0.2	59	0.08	0.026
1066228	Soil		0.9	11.4	10.4	29	<0.1	4.1	2.5	143	1.56	4.4	0.5	1.6	2.0	9	<0.1	0.3	0.4	54	0.08	0.023
1066236	Soil		1.1	12.5	13.4	39	<0.1	12.4	6.6	201	2.71	6.8	1.4	4.8	6.9	11	<0.1	0.3	0.7	58	0.10	0.017
1066235	Soil		0.9	16.8	17.8	55	<0.1	17.0	11.4	473	3.36	9.0	2.3	4.2	11.0	15	<0.1	0.5	1.3	51	0.15	0.038
1065036	Soil		1.1	26.7	13.2	70	0.2	22.9	13.9	652	3.59	10.0	4.5	4.0	4.7	20	0.2	0.5	0.8	71	0.25	0.065
1065038	Soil		0.3	5.3	3.1	17	<0.1	3.7	2.7	77	1.05	3.0	0.4	0.5	1.3	8	<0.1	0.1	<0.1	26	0.08	0.021
1065040	Soil		1.0	15.8	23.9	120	<0.1	15.1	9.4	408	3.35	9.1	3.5	1.2	14.0	11	0.3	0.7	0.3	38	0.15	0.051
1065037	Soil		1.0	14.3	8.8	42	0.1	13.8	6.6	196	2.75	8.8	1.1	2.6	3.3	16	0.1	0.4	0.5	76	0.16	0.024
1065042	Soil		0.8	21.8	8.6	53	<0.1	22.6	9.5	327	2.81	7.8	1.1	4.1	7.0	23	<0.1	0.4	0.2	63	0.30	0.069
1065041	Soil		1.5	10.2	7.5	31	<0.1	8.7	5.0	194	2.82	7.1	0.7	0.8	2.2	9	0.1	0.4	0.2	67	0.09	0.043
1065039	Soil		1.5	19.8	12.0	56	<0.1	20.4	9.8	347	3.59	9.3	1.9	2.1	12.4	10	0.2	0.5	0.3	70	0.12	0.046
1065048	Soil		1.3	12.4	11.7	53	<0.1	15.7	7.4	283	3.34	7.8	1.9	6.9	7.0	9	0.1	0.5	0.4	65	0.10	0.041
1066222	Soil		0.4	7.6	4.5	16	<0.1	2.6	1.3	65	0.75	1.3	0.6	0.7	0.2	7	0.2	0.1	0.1	19	0.07	0.028
1066226	Soil		1.4	16.7	12.7	44	<0.1	13.6	6.9	173	3.52	9.9	1.4	2.5	5.7	8	0.1	0.6	0.4	78	0.07	0.033
1066221	Soil		1.5	17.1	11.8	47	<0.1	19.1	10.3	343	3.12	8.2	2.1	1.6	11.3	11	0.1	0.5	0.2	69	0.10	0.023
1065046	Soil		1.0	20.8	9.6	50	<0.1	20.5	9.9	307	3.15	9.2	1.1	3.7	11.8	17	0.2	0.5	0.2	67	0.19	0.031
1066223	Soil		1.4	10.8	12.1	48	<0.1	11.3	6.3	263	3.32	6.7	2.0	0.8	9.7	13	<0.1	0.3	0.6	65	0.13	0.029
1066224	Soil		1.1	10.1	12.5	48	<0.1	9.4	5.4	271	2.76	5.7	2.1	2.7	8.6	8	<0.1	0.3	0.4	49	0.11	0.044
1066225	Soil		1.1	18.1	10.9	59	<0.1	19.4	9.5	354	3.06	8.2	1.2	1.7	4.1	16	0.1	0.4	0.3	61	0.21	0.067
1065043	Soil		0.8	20.1	8.9	58	<0.1	22.4	12.2	431	3.18	7.7	1.2	3.0	10.2	19	<0.1	0.4	0.2	65	0.25	0.036
1065044	Soil		1.1	15.4	12.3	55	<0.1	13.9	9.0	426	2.79	6.1	1.2	1.5	8.4	14	0.2	0.3	0.2	51	0.20	0.053
1065050	Soil		1.4	14.5	9.4	54	<0.1	14.5	7.2	423	2.89	8.8	0.7	1.4	2.8	18	0.2	0.5	0.2	68	0.26	0.057
1065047	Soil		1.5	9.6	10.9	39	<0.1	8.4	5.1	296	2.04	15.7	0.9	3.8	4.1	15	0.1	0.7	0.3	56	0.13	0.013
1065049	Soil		1.9	13.7	11.1	44	<0.1	14.6	7.6	297	4.67	11.8	2.2	2.1	7.5	9	0.2	0.6	0.8	97	0.09	0.039
1065020	Soil		3.2	18.6	8.3	77	<0.1	21.9	11.0	385	4.62	6.4	1.7	1.0	13.6	24	<0.1	0.3	0.3	84	0.35	0.019

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Project: ECH
Report Date: July 28, 2011

CERTIFICATE OF ANALYSIS WHI11000553.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1066234	Soil	28	16	0.18	141	0.015	2	1.55	0.009	0.06	0.1	0.03	1.6	0.1	0.08	5	<0.5	<0.2
1066227	Soil	9	18	0.15	80	0.022	<1	1.50	0.006	0.04	<0.1	0.03	1.8	0.1	<0.05	7	<0.5	<0.2
1066237	Soil	16	44	0.85	136	0.194	2	2.11	0.008	0.94	<0.1	<0.01	3.8	0.9	0.08	8	<0.5	<0.2
1066230	Soil	7	8	0.03	41	0.031	1	0.52	0.008	0.03	<0.1	0.03	0.5	<0.1	0.07	4	<0.5	<0.2
1066229	Soil	8	28	0.41	118	0.046	2	1.89	0.011	0.06	0.1	0.03	2.3	0.1	0.07	6	<0.5	<0.2
1065045	Soil	16	15	0.16	49	0.058	1	1.01	0.006	0.06	<0.1	0.02	1.8	0.1	0.06	6	<0.5	0.3
1066228	Soil	7	12	0.08	71	0.033	<1	1.09	0.010	0.04	<0.1	0.02	1.0	<0.1	0.05	6	<0.5	<0.2
1066236	Soil	13	24	0.26	83	0.034	2	1.73	0.007	0.08	<0.1	0.02	2.2	0.2	<0.05	6	<0.5	0.2
1066235	Soil	15	27	0.28	142	0.018	2	2.23	0.006	0.07	0.1	0.03	3.1	0.3	<0.05	6	<0.5	<0.2
1065036	Soil	18	40	0.52	198	0.079	1	2.54	0.010	0.16	0.2	0.05	5.4	0.3	<0.05	8	<0.5	0.2
1065038	Soil	5	6	0.11	35	0.043	<1	0.69	0.017	0.03	<0.1	0.02	1.0	<0.1	<0.05	3	<0.5	<0.2
1065040	Soil	23	17	0.20	93	0.015	2	0.98	0.006	0.07	<0.1	0.02	3.4	0.3	<0.05	3	<0.5	<0.2
1065037	Soil	11	23	0.34	115	0.089	<1	1.49	0.009	0.08	0.1	0.03	2.5	0.2	<0.05	8	<0.5	<0.2
1065042	Soil	21	32	0.53	168	0.090	2	1.78	0.011	0.09	0.2	0.02	4.2	0.1	0.05	6	<0.5	0.2
1065041	Soil	8	16	0.12	62	0.051	<1	1.06	0.008	0.05	0.1	0.03	1.2	0.1	0.07	7	<0.5	<0.2
1065039	Soil	19	35	0.41	119	0.058	1	2.79	0.008	0.10	0.2	0.04	4.4	0.2	<0.05	8	<0.5	<0.2
1065048	Soil	10	22	0.20	55	0.038	1	1.28	0.007	0.08	0.1	0.02	2.5	0.2	<0.05	7	<0.5	<0.2
1066222	Soil	4	6	0.05	37	0.023	<1	0.43	0.012	0.04	<0.1	0.03	0.3	<0.1	0.07	3	<0.5	<0.2
1066226	Soil	10	29	0.20	94	0.038	<1	2.37	0.009	0.04	0.1	0.03	2.7	0.1	<0.05	8	<0.5	<0.2
1066221	Soil	19	29	0.31	136	0.035	<1	2.03	0.007	0.04	0.1	0.03	4.0	0.2	<0.05	6	<0.5	<0.2
1065046	Soil	29	35	0.47	155	0.070	1	2.39	0.010	0.09	0.1	0.03	4.7	0.2	<0.05	6	<0.5	<0.2
1066223	Soil	17	20	0.22	83	0.036	<1	1.78	0.007	0.11	0.1	0.02	2.2	0.3	<0.05	9	<0.5	<0.2
1066224	Soil	20	16	0.18	52	0.027	<1	1.20	0.007	0.08	0.2	0.02	1.9	0.2	<0.05	6	<0.5	<0.2
1066225	Soil	10	28	0.44	101	0.050	1	1.85	0.009	0.08	0.2	0.02	2.2	0.1	<0.05	6	<0.5	<0.2
1065043	Soil	25	36	0.59	183	0.101	<1	1.93	0.010	0.16	0.2	0.03	4.8	0.2	<0.05	6	<0.5	<0.2
1065044	Soil	27	24	0.33	112	0.040	1	1.53	0.008	0.13	0.1	0.02	2.8	0.2	<0.05	6	<0.5	<0.2
1065050	Soil	7	26	0.26	136	0.067	<1	2.17	0.010	0.06	0.1	0.04	2.2	<0.1	<0.05	6	<0.5	<0.2
1065047	Soil	11	19	0.22	95	0.036	1	1.17	0.007	0.04	<0.1	0.02	1.9	0.2	<0.05	4	<0.5	<0.2
1065049	Soil	10	31	0.24	105	0.072	<1	1.97	0.005	0.07	0.2	0.03	2.5	0.2	<0.05	10	<0.5	<0.2
1065020	Soil	73	31	1.07	188	0.184	<1	2.92	0.011	0.27	0.3	0.01	4.7	0.2	<0.05	16	<0.5	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1065017	Soil	1.3	22.6	12.7	59	<0.1	23.8	14.0	331	3.82	9.3	1.4	1.2	14.0	15	0.1	0.5	0.2	66	0.11	0.024
1065011	Soil	0.8	41.0	15.2	95	<0.1	49.4	22.5	536	4.54	6.4	1.1	<0.5	12.0	12	<0.1	0.2	0.3	62	0.11	0.024
1065018	Soil	1.3	28.3	11.8	61	<0.1	34.7	14.8	393	3.85	5.5	3.0	2.3	26.3	29	<0.1	0.2	0.3	51	0.29	0.083
1065012	Soil	0.9	18.3	10.5	69	<0.1	29.4	14.8	384	3.77	11.8	0.7	1.6	6.7	11	0.1	0.4	0.2	71	0.12	0.035
1065019	Soil	0.5	72.4	4.1	113	<0.1	650.5	51.9	893	5.33	5.2	0.5	1.5	1.9	25	<0.1	<0.1	1.0	142	0.46	0.044
1065014	Soil	1.6	35.9	22.6	92	0.5	38.2	19.2	462	4.37	11.3	4.2	2.3	18.5	23	<0.1	0.2	0.5	57	0.22	0.045
1065013	Soil	2.1	45.8	18.7	104	<0.1	45.5	21.3	603	4.42	17.2	1.6	2.4	12.9	15	0.1	0.2	0.4	58	0.12	0.032
1065016	Soil	1.1	20.2	14.3	66	<0.1	22.1	13.8	459	4.03	9.1	1.7	1.2	22.2	15	0.1	0.3	0.3	56	0.14	0.038
1065015	Soil	1.2	30.0	19.2	69	0.3	20.9	11.3	434	3.60	5.0	4.5	1.0	16.7	27	0.1	0.2	0.5	46	0.30	0.070
1065009	Soil	0.7	34.7	11.0	81	0.1	37.9	16.1	584	3.99	4.5	3.9	1.6	11.2	32	<0.1	0.2	0.5	53	0.36	0.039
1065005	Soil	0.9	27.5	10.7	65	<0.1	23.0	10.7	290	4.22	5.2	0.9	0.8	4.9	18	<0.1	0.3	0.3	56	0.15	0.028
1065008	Soil	0.8	26.8	16.5	77	<0.1	32.3	21.6	708	3.69	3.8	1.5	1.2	9.5	22	<0.1	0.2	0.7	48	0.26	0.040
1065006	Soil	0.8	20.2	9.8	64	<0.1	20.9	9.6	272	3.03	3.6	0.6	1.6	2.8	11	<0.1	0.2	0.2	53	0.09	0.028
1065004	Soil	1.0	29.8	6.2	48	<0.1	37.4	17.7	316	3.61	7.1	4.1	2.4	6.6	30	<0.1	0.2	0.1	99	0.68	0.054
1065002	Soil	0.4	15.0	7.9	42	<0.1	49.7	12.2	172	3.03	4.9	0.7	<0.5	10.4	19	<0.1	0.2	<0.1	64	0.11	0.013
1065001	Soil	0.6	20.5	13.8	63	<0.1	26.6	11.8	330	3.46	8.1	0.8	<0.5	5.2	13	0.1	0.7	0.2	57	0.12	0.021
1065007	Soil	0.7	24.2	10.2	69	0.1	27.3	12.9	325	3.53	4.2	1.5	0.9	4.4	24	0.1	0.2	0.2	50	0.18	0.046
1065010	Soil	0.7	32.5	15.2	85	<0.1	37.2	17.3	486	3.95	4.0	1.0	<0.5	10.2	18	<0.1	0.2	0.4	55	0.18	0.019
1065003	Soil	0.9	23.4	11.1	62	<0.1	25.6	17.1	423	4.32	6.7	1.3	<0.5	6.8	24	<0.1	0.3	0.2	108	0.33	0.046
1065025	Soil	3.5	18.1	17.9	71	<0.1	13.6	11.2	580	2.85	6.8	4.1	<0.5	16.6	12	0.1	0.2	0.8	33	0.21	0.076
1065033	Soil	4.1	24.9	101.0	66	0.4	4.1	1.8	78	1.62	5.6	3.3	3.2	27.9	43	<0.1	0.2	2.1	9	0.09	0.024
1065032	Soil	2.0	86.3	58.8	150	0.1	12.5	9.5	467	3.56	1.2	1.8	1.5	19.6	24	0.4	0.1	1.1	22	0.19	0.048
1065031	Soil	0.6	18.9	11.3	77	<0.1	19.6	20.8	436	3.80	1.7	0.8	<0.5	7.9	22	<0.1	<0.1	0.1	46	0.23	0.025
1065030	Soil	0.5	14.4	13.7	76	<0.1	19.4	20.4	577	4.14	2.0	1.3	<0.5	11.4	33	<0.1	0.1	0.1	59	0.51	0.064
1065028	Soil	1.5	53.1	34.7	109	0.1	21.9	14.3	675	3.97	3.3	1.0	0.6	8.6	16	<0.1	0.1	2.8	39	0.21	0.033
1065027	Soil	1.6	51.5	32.7	103	0.1	13.8	11.7	623	3.56	2.3	0.9	1.3	11.3	13	0.1	<0.1	2.3	29	0.18	0.032
1065026	Soil	0.7	81.7	6.5	79	<0.1	36.3	31.3	918	5.91	4.9	0.7	<0.5	4.4	24	<0.1	0.2	0.2	177	0.36	0.023
1065024	Soil	1.1	11.9	9.0	49	<0.1	19.8	11.9	349	3.24	3.9	1.3	<0.5	9.9	8	0.1	0.1	1.1	63	0.09	0.047
1065022	Soil	1.9	16.7	11.0	55	<0.1	20.3	10.2	301	3.48	5.8	2.0	<0.5	8.5	18	<0.1	0.3	0.5	77	0.24	0.027
1065029	Soil	0.5	33.6	27.6	83	<0.1	38.3	21.9	617	4.30	10.6	1.5	3.2	15.5	16	0.1	0.2	0.2	49	0.26	0.064

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

Project: ECH
Report Date: July 28, 2011

CERTIFICATE OF ANALYSIS WHI11000553.1

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1065017	Soil	24	40	0.56	149	0.126	1	3.28	0.011	0.29	0.1	0.03	5.0	0.3	<0.05	8	<0.5	<0.2
1065011	Soil	21	46	1.18	125	0.132	<1	3.16	0.008	0.67	0.4	0.01	3.8	0.6	<0.05	9	<0.5	0.2
1065018	Soil	83	38	0.75	164	0.105	<1	2.22	0.011	0.36	0.1	0.01	3.9	0.2	0.06	8	<0.5	<0.2
1065012	Soil	10	43	0.58	115	0.133	2	2.96	0.009	0.21	27.2	<0.01	3.1	0.2	<0.05	8	<0.5	<0.2
1065019	Soil	11	440	5.44	377	0.141	2	4.04	0.017	1.61	0.3	<0.01	13.7	1.3	<0.05	18	<0.5	<0.2
1065014	Soil	65	45	0.83	116	0.080	<1	2.42	0.007	0.26	0.2	0.04	4.7	0.3	<0.05	9	0.6	<0.2
1065013	Soil	29	39	1.21	114	0.123	<1	2.66	0.009	0.60	0.2	<0.01	3.7	0.5	0.07	9	0.7	0.2
1065016	Soil	32	31	0.56	108	0.097	1	2.34	0.010	0.27	0.2	0.01	3.6	0.3	<0.05	8	0.5	<0.2
1065015	Soil	91	29	0.43	115	0.060	<1	2.34	0.010	0.24	0.2	0.05	4.7	0.3	<0.05	9	0.8	<0.2
1065009	Soil	45	47	0.90	146	0.138	<1	2.43	0.010	0.54	0.5	0.03	4.6	0.5	<0.05	8	1.0	<0.2
1065005	Soil	10	39	0.84	137	0.118	<1	2.31	0.013	0.44	0.1	0.01	3.1	0.4	0.17	8	<0.5	<0.2
1065008	Soil	31	37	0.79	113	0.096	<1	1.92	0.007	0.35	2.0	0.01	3.1	0.3	<0.05	7	0.5	<0.2
1065006	Soil	8	28	0.43	96	0.083	<1	1.89	0.009	0.19	<0.1	0.02	2.0	0.2	<0.05	7	<0.5	<0.2
1065004	Soil	29	87	1.19	166	0.175	<1	2.35	0.022	0.27	0.2	0.03	7.8	0.3	<0.05	9	0.5	<0.2
1065002	Soil	12	63	1.10	154	0.119	<1	3.02	0.006	0.27	<0.1	<0.01	5.8	0.3	<0.05	8	<0.5	<0.2
1065001	Soil	14	38	0.53	128	0.107	<1	1.93	0.008	0.26	<0.1	0.01	3.4	0.3	<0.05	7	<0.5	<0.2
1065007	Soil	13	36	0.74	127	0.101	<1	1.98	0.011	0.38	0.1	0.02	2.9	0.3	0.09	7	0.6	<0.2
1065010	Soil	20	42	0.99	131	0.160	<1	2.45	0.008	0.57	0.3	<0.01	3.5	0.5	<0.05	9	<0.5	<0.2
1065003	Soil	19	53	1.13	219	0.201	1	3.30	0.024	0.28	0.2	0.01	7.6	0.3	<0.05	10	<0.5	<0.2
1065025	Soil	36	15	0.40	80	0.012	<1	1.12	0.006	0.10	<0.1	<0.01	1.6	0.1	<0.05	6	<0.5	<0.2
1065033	Soil	54	6	0.23	132	0.012	<1	0.66	0.009	0.23	<0.1	0.02	0.8	0.1	0.27	2	<0.5	0.3
1065032	Soil	48	22	1.48	93	0.016	<1	1.77	0.004	0.10	<0.1	<0.01	2.5	<0.1	0.10	5	0.5	0.5
1065031	Soil	21	78	2.83	125	0.061	<1	3.21	0.005	0.15	<0.1	<0.01	3.0	0.2	<0.05	8	<0.5	<0.2
1065030	Soil	27	85	2.76	299	0.116	<1	3.33	0.007	0.40	<0.1	<0.01	4.5	0.3	<0.05	7	<0.5	<0.2
1065028	Soil	19	24	1.63	173	0.025	<1	2.22	0.005	0.19	<0.1	<0.01	4.1	0.2	<0.05	5	<0.5	<0.2
1065027	Soil	20	15	1.36	147	0.014	<1	1.85	0.003	0.18	<0.1	<0.01	3.6	0.2	0.06	5	<0.5	<0.2
1065026	Soil	18	64	2.73	127	0.123	<1	3.42	0.007	0.38	0.1	<0.01	8.1	0.2	<0.05	9	<0.5	<0.2
1065024	Soil	10	38	0.92	92	0.105	<1	2.20	0.008	0.23	<0.1	<0.01	2.9	0.3	<0.05	11	<0.5	<0.2
1065022	Soil	15	38	0.72	139	0.114	<1	2.19	0.010	0.15	0.1	<0.01	3.3	0.2	<0.05	10	<0.5	<0.2
1065029	Soil	46	79	2.11	160	0.026	<1	2.69	0.003	0.12	<0.1	<0.01	3.6	<0.1	<0.05	8	<0.5	<0.2

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Vancouver BC V6C 1H2 Canada

Project: ECH
Report Date: July 28, 2011

CERTIFICATE OF ANALYSIS WHI11000553.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1065023	Soil	1.0	19.3	10.8	62	<0.1	27.7	13.9	319	3.67	4.9	1.3	<0.5	12.7	19	<0.1	0.2	0.4	77	0.24	0.016
1065021	Soil	1.5	22.0	9.3	64	<0.1	29.3	15.1	359	4.32	5.9	1.6	0.7	11.2	13	0.1	0.3	0.5	87	0.17	0.029
1033741	Soil	1.8	15.9	14.6	54	<0.1	9.5	7.7	404	3.07	6.4	2.0	0.5	26.9	12	<0.1	0.2	0.3	28	0.15	0.032
1198000	Soil	0.4	24.5	6.6	61	<0.1	34.0	13.9	338	3.84	2.9	2.5	0.6	10.2	22	<0.1	0.1	0.3	84	0.35	0.054
1033746	Soil	0.7	28.9	6.8	48	<0.1	31.8	11.8	255	2.89	4.9	1.4	0.6	10.4	27	<0.1	0.3	0.2	65	0.40	0.048
1033739	Soil	1.0	60.4	4.6	89	<0.1	28.0	18.5	824	4.28	3.2	1.1	<0.5	4.1	39	<0.1	0.2	<0.1	103	0.53	0.101
1033742	Soil	1.9	15.3	25.3	52	<0.1	10.2	6.3	270	2.50	7.2	2.3	<0.5	15.9	9	0.2	0.2	1.2	34	0.11	0.037
1033749	Soil	0.5	31.1	7.6	54	<0.1	26.6	11.5	344	2.78	5.7	2.1	2.0	4.7	39	0.2	0.4	0.2	64	0.62	0.052
1033740	Soil	1.2	166.5	19.6	101	0.2	23.7	22.8	1030	6.71	3.3	1.6	4.0	5.9	31	0.2	0.2	0.1	205	0.48	0.060
1033750	Soil	0.5	35.7	8.5	57	<0.1	29.4	11.4	291	3.31	5.8	2.3	1.4	8.9	34	<0.1	0.3	0.2	74	0.51	0.045
1033745	Soil	1.0	48.7	10.7	69	0.1	29.8	13.4	491	2.98	10.3	1.1	2.7	4.5	48	0.3	0.7	0.4	71	0.62	0.063
1033747	Soil	0.5	33.6	7.5	51	<0.1	34.5	11.7	245	3.25	8.0	2.0	1.3	10.4	31	<0.1	0.3	0.2	73	0.42	0.051
1033744	Soil	0.7	71.8	9.5	77	0.1	30.1	14.6	457	3.49	11.6	0.9	3.4	4.5	51	0.2	0.7	0.3	85	0.84	0.060
1033748	Soil	0.6	37.6	8.7	54	<0.1	32.3	13.4	306	3.23	10.0	2.2	5.0	8.3	36	0.1	0.4	0.2	73	0.47	0.046
1033743	Soil	1.6	34.6	18.9	60	<0.1	21.7	13.6	574	3.09	8.3	2.7	1.2	23.3	26	<0.1	0.3	0.5	56	0.36	0.064
1069740	Soil	1.9	188.2	19.6	86	<0.1	312.3	37.7	1594	5.52	11.6	1.6	2.5	6.3	49	0.3	0.5	0.2	120	0.59	0.021
1069750	Soil	0.8	71.3	6.7	92	<0.1	32.9	20.9	638	5.00	8.2	1.2	5.8	6.5	66	<0.1	0.3	0.1	123	0.80	0.045
1069748	Soil	0.8	57.9	6.1	108	<0.1	22.6	15.2	546	4.30	7.4	0.9	14.1	4.6	47	0.1	0.2	0.1	101	0.46	0.031
1069744	Soil	0.5	47.0	4.3	83	<0.1	22.2	19.5	464	4.54	6.0	0.6	<0.5	4.4	62	<0.1	0.2	<0.1	112	0.47	0.032
1069742	Soil	0.9	80.8	23.2	116	0.1	36.9	19.0	734	4.88	7.3	0.9	3.5	8.8	45	0.3	0.4	0.3	113	0.73	0.093
1066138	Soil	0.6	27.3	7.1	73	<0.1	37.1	17.9	352	4.24	6.7	1.1	<0.5	10.3	21	0.1	0.1	0.2	97	0.27	0.053
1069746	Soil	0.6	73.3	7.5	132	<0.1	23.3	16.8	640	4.85	6.2	1.4	3.0	6.8	42	0.1	0.2	<0.1	107	0.56	0.030
1069745	Soil	0.7	52.1	6.6	69	<0.1	24.5	15.3	520	3.74	8.4	0.8	1.2	3.7	56	<0.1	0.3	0.1	88	0.71	0.034
1069747	Soil	0.7	69.8	5.6	116	<0.1	23.4	17.0	598	4.47	6.8	1.1	1.5	5.3	50	<0.1	0.2	<0.1	107	0.48	0.039
1069739	Soil	1.8	55.2	30.0	96	<0.1	36.5	12.3	296	3.50	30.1	1.1	1.1	8.7	40	0.2	0.4	0.6	85	0.30	0.022
1033738	Soil	0.9	94.3	5.2	85	<0.1	24.3	17.3	654	4.20	5.7	0.9	1.0	2.7	63	<0.1	0.2	<0.1	99	0.46	0.050
1069743	Soil	0.5	41.0	5.3	69	<0.1	20.8	17.5	453	4.07	6.9	0.8	0.7	5.0	62	<0.1	0.3	<0.1	94	0.55	0.030
1069741	Soil	2.3	64.1	45.3	122	0.1	45.1	20.9	520	4.80	10.0	1.3	1.4	9.5	48	0.3	0.4	0.3	103	0.58	0.052
1066143	Soil	1.1	32.9	8.3	69	<0.1	42.5	18.9	462	5.34	10.3	2.0	<0.5	13.6	28	<0.1	0.1	0.4	100	0.37	0.055
1066139	Soil	0.4	20.7	6.8	45	<0.1	25.8	11.9	285	3.04	7.6	1.1	<0.5	7.1	23	<0.1	0.2	0.1	70	0.37	0.059

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1065023	Soil	31	52	1.02	130	0.129	<1	2.76	0.011	0.14	0.1	<0.01	4.5	0.3	<0.05	10	<0.5	<0.2
1065021	Soil	16	56	1.00	133	0.146	<1	3.02	0.010	0.24	0.2	0.03	4.7	0.3	<0.05	10	<0.5	<0.2
1033741	Soil	43	12	0.34	137	0.009	<1	1.47	0.006	0.14	<0.1	<0.01	1.6	0.1	<0.05	7	<0.5	<0.2
1198000	Soil	31	69	1.11	173	0.215	<1	2.82	0.017	0.76	0.3	<0.01	7.1	0.4	<0.05	11	<0.5	<0.2
1033746	Soil	29	51	0.75	187	0.150	<1	2.17	0.019	0.33	0.1	0.03	5.0	0.2	<0.05	7	<0.5	<0.2
1033739	Soil	11	34	1.47	181	0.082	<1	2.52	0.019	0.13	<0.1	<0.01	6.3	<0.1	<0.05	9	<0.5	<0.2
1033742	Soil	20	15	0.24	73	0.017	<1	1.43	0.006	0.11	0.1	<0.01	1.3	0.1	<0.05	6	<0.5	<0.2
1033749	Soil	17	39	0.69	200	0.110	<1	2.02	0.028	0.15	0.1	0.03	4.4	0.1	<0.05	6	<0.5	<0.2
1033740	Soil	17	42	2.05	113	0.036	<1	3.49	0.008	0.09	<0.1	0.02	14.3	<0.1	<0.05	12	0.8	<0.2
1033750	Soil	29	54	0.82	197	0.142	<1	2.67	0.023	0.29	0.2	0.04	6.3	0.2	<0.05	8	0.7	<0.2
1033745	Soil	14	36	0.67	267	0.107	1	1.98	0.038	0.07	0.2	0.03	4.4	<0.1	0.06	6	0.5	<0.2
1033747	Soil	28	64	0.82	203	0.190	1	2.42	0.021	0.38	0.1	0.03	5.9	0.2	<0.05	8	<0.5	<0.2
1033744	Soil	14	36	0.88	265	0.129	2	2.02	0.036	0.09	0.2	0.04	4.8	<0.1	<0.05	6	<0.5	<0.2
1033748	Soil	25	54	0.82	217	0.176	2	2.50	0.027	0.28	0.1	0.04	5.6	0.1	<0.05	7	<0.5	<0.2
1033743	Soil	53	27	0.53	169	0.064	<1	1.56	0.015	0.11	<0.1	<0.01	3.8	<0.1	<0.05	6	<0.5	<0.2
1069740	Soil	25	513	2.17	788	0.061	1	4.10	0.014	0.08	<0.1	0.04	16.5	<0.1	<0.05	10	0.8	<0.2
1069750	Soil	26	61	1.70	103	0.149	<1	2.90	0.024	0.06	<0.1	0.03	11.4	<0.1	<0.05	10	<0.5	<0.2
1069748	Soil	13	42	1.28	148	0.128	1	2.52	0.017	0.09	<0.1	0.01	7.6	<0.1	<0.05	8	<0.5	<0.2
1069744	Soil	10	48	1.51	88	0.154	<1	2.63	0.013	0.05	<0.1	0.01	6.1	<0.1	<0.05	9	0.5	<0.2
1069742	Soil	34	55	1.61	199	0.070	2	3.18	0.013	0.14	0.1	0.04	11.5	<0.1	<0.05	9	0.6	<0.2
1066138	Soil	17	76	1.24	228	0.244	<1	2.96	0.016	0.89	0.2	<0.01	7.1	0.4	<0.05	10	<0.5	<0.2
1069746	Soil	22	37	1.47	151	0.098	1	2.84	0.013	0.10	<0.1	0.02	10.6	<0.1	<0.05	10	0.6	<0.2
1069745	Soil	11	42	0.95	182	0.136	2	2.29	0.019	0.08	<0.1	0.02	5.4	<0.1	<0.05	7	<0.5	<0.2
1069747	Soil	15	44	1.41	118	0.128	<1	2.47	0.019	0.07	<0.1	0.01	9.8	<0.1	<0.05	8	<0.5	<0.2
1069739	Soil	24	55	0.79	388	0.074	<1	2.16	0.015	0.08	<0.1	0.01	3.5	<0.1	<0.05	6	<0.5	<0.2
1033738	Soil	12	36	1.36	102	0.161	<1	2.30	0.010	0.06	<0.1	<0.01	6.1	<0.1	<0.05	8	<0.5	<0.2
1069743	Soil	12	44	1.24	119	0.109	1	2.58	0.016	0.07	<0.1	<0.01	6.6	<0.1	<0.05	8	<0.5	<0.2
1069741	Soil	24	72	1.10	350	0.041	2	3.14	0.012	0.12	<0.1	<0.01	8.1	<0.1	<0.05	9	0.6	<0.2
1066143	Soil	35	83	1.32	168	0.265	<1	3.08	0.015	1.03	0.2	<0.01	9.0	0.5	<0.05	12	<0.5	<0.2
1066139	Soil	21	55	0.85	151	0.162	<1	1.90	0.018	0.34	0.1	<0.01	4.7	0.2	<0.05	7	<0.5	<0.2

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

Project: ECH
Report Date: July 28, 2011

CERTIFICATE OF ANALYSIS WHI11000553.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1066136	Soil	0.6	35.7	11.2	91	<0.1	38.2	18.1	490	5.61	7.4	2.1	<0.5	20.7	28	<0.1	<0.1	0.2	103	0.50	0.114
1066137	Soil	0.9	34.2	9.2	73	<0.1	41.0	19.5	472	5.54	11.1	2.5	0.7	16.8	28	<0.1	0.1	0.6	94	0.38	0.063
1033737	Soil	1.0	75.1	6.1	94	<0.1	29.9	16.1	457	4.26	7.4	0.9	0.8	5.3	36	<0.1	0.2	<0.1	97	0.26	0.020
1069749	Soil	0.8	75.7	5.6	104	<0.1	21.9	17.1	522	4.29	5.1	0.9	0.9	4.0	58	0.1	0.2	<0.1	107	0.53	0.030
1066093	Soil	1.0	24.9	11.0	90	<0.1	48.2	22.1	836	5.38	6.4	1.9	1.5	5.2	29	0.1	0.5	0.6	114	0.47	0.121
1066094	Soil	0.8	25.2	12.8	64	<0.1	35.5	16.3	407	3.85	9.2	1.8	5.7	6.1	20	0.2	0.5	0.3	74	0.31	0.085
1066083	Soil	1.2	19.8	12.8	71	<0.1	24.1	11.4	304	3.26	6.7	3.0	2.1	7.7	20	0.1	0.5	0.4	73	0.38	0.107
1066084	Soil	1.7	15.8	7.6	35	0.2	9.9	13.4	1014	2.32	7.1	4.0	1.4	0.8	27	0.3	0.4	0.3	44	0.39	0.184
1066085	Soil	0.5	19.6	9.8	74	<0.1	22.7	13.3	462	3.59	7.9	2.1	1.3	8.5	27	0.3	0.4	0.4	77	0.47	0.119
1066086	Soil	0.6	25.1	11.7	67	<0.1	28.1	18.8	375	4.20	11.2	2.0	1.5	11.3	21	0.2	0.5	0.6	82	0.33	0.080
1066087	Soil	0.8	24.6	8.6	66	<0.1	36.5	15.4	458	3.51	9.2	1.6	5.1	7.0	24	0.2	0.4	0.4	80	0.39	0.085
1066088	Soil	0.8	20.8	11.8	64	<0.1	25.0	13.0	504	3.47	8.3	2.2	1.3	7.7	25	0.1	0.5	0.4	72	0.39	0.098
1066092	Soil	1.0	19.8	8.9	62	<0.1	22.5	11.3	481	2.88	9.4	1.6	1.8	6.9	17	0.2	0.5	0.2	64	0.22	0.064
1066089	Soil	0.4	20.7	10.8	60	<0.1	24.7	12.5	276	3.01	7.3	2.2	1.0	11.2	24	0.2	0.4	0.4	66	0.42	0.099
1066090	Soil	0.4	20.0	10.5	62	<0.1	24.6	11.9	290	2.93	7.5	2.1	5.5	10.7	25	0.2	0.5	0.4	68	0.43	0.099
1067286	Soil	0.9	23.4	22.0	76	<0.1	24.5	11.7	318	3.58	5.0	0.9	1.7	5.5	22	0.2	0.9	0.3	73	0.33	0.079
1066095	Soil	0.8	20.3	10.0	68	<0.1	23.9	11.7	376	3.67	3.3	2.1	5.1	7.3	22	<0.1	0.4	0.4	78	0.37	0.102
1066098	Soil	1.0	26.2	10.7	58	<0.1	31.6	13.7	439	3.50	5.3	1.6	2.5	6.4	22	0.1	0.5	0.3	71	0.30	0.071
1066096	Soil	0.7	20.0	8.6	67	<0.1	35.6	17.0	543	4.22	2.7	1.5	2.7	7.4	19	<0.1	0.4	0.3	87	0.37	0.107
1066099	Soil	0.9	22.8	10.8	62	<0.1	25.7	13.2	444	3.55	5.9	1.8	4.5	4.9	20	0.1	0.5	0.3	76	0.27	0.077

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Project: ECH
Report Date: July 28, 2011

CERTIFICATE OF ANALYSIS WHI11000553.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1066136	Soil	57	72	1.33	264	0.233	<1	3.31	0.018	1.05	0.1	<0.01	10.6	0.3	<0.05	14	<0.5	<0.2
1066137	Soil	38	76	1.21	159	0.230	<1	2.92	0.013	0.92	0.3	0.01	9.6	0.5	<0.05	11	<0.5	<0.2
1033737	Soil	18	46	1.33	89	0.123	1	2.44	0.012	0.06	<0.1	<0.01	5.7	<0.1	<0.05	9	<0.5	<0.2
1069749	Soil	10	47	1.37	89	0.147	<1	2.26	0.016	0.06	<0.1	<0.01	7.9	<0.1	<0.05	8	<0.5	<0.2
1066093	Soil	20	86	1.35	307	0.242	1	3.02	0.018	0.82	<0.1	0.02	8.1	0.8	<0.05	11	<0.5	<0.2
1066094	Soil	23	62	0.87	157	0.151	<1	2.63	0.015	0.23	0.1	0.02	5.4	0.4	<0.05	8	<0.5	<0.2
1066083	Soil	23	49	0.81	164	0.131	2	2.64	0.012	0.30	0.3	0.08	6.8	0.4	<0.05	8	<0.5	<0.2
1066084	Soil	26	26	0.28	222	0.032	2	1.31	0.014	0.10	0.2	0.09	4.8	0.2	0.15	5	<0.5	<0.2
1066085	Soil	29	42	0.81	190	0.173	2	2.09	0.015	0.30	0.2	0.03	6.0	0.5	<0.05	7	<0.5	<0.2
1066086	Soil	32	51	0.86	194	0.166	3	2.70	0.014	0.28	0.2	0.04	6.2	0.6	<0.05	8	<0.5	<0.2
1066087	Soil	26	60	0.90	228	0.164	3	2.23	0.020	0.23	0.2	0.03	5.7	0.3	<0.05	7	<0.5	<0.2
1066088	Soil	29	45	0.73	203	0.161	2	2.03	0.016	0.23	0.2	0.03	5.4	0.3	<0.05	7	<0.5	<0.2
1066092	Soil	22	34	0.52	103	0.108	2	1.75	0.013	0.14	0.2	0.05	3.3	0.1	<0.05	6	<0.5	<0.2
1066089	Soil	31	44	0.71	182	0.150	2	1.83	0.015	0.27	0.2	0.01	5.2	0.3	<0.05	6	<0.5	<0.2
1066090	Soil	32	45	0.70	199	0.153	1	1.85	0.015	0.28	0.2	0.03	5.1	0.3	<0.05	6	<0.5	<0.2
1067286	Soil	17	40	0.80	123	0.149	2	2.33	0.014	0.22	0.1	0.04	4.2	0.3	<0.05	8	0.6	<0.2
1066095	Soil	26	47	0.80	154	0.156	3	2.30	0.014	0.37	<0.1	0.03	5.8	0.4	<0.05	8	<0.5	<0.2
1066098	Soil	23	48	0.79	140	0.138	3	2.48	0.017	0.20	0.2	0.04	4.6	0.3	<0.05	7	<0.5	<0.2
1066096	Soil	28	68	1.19	195	0.226	2	2.72	0.015	0.56	0.1	0.03	6.2	0.6	<0.05	10	<0.5	<0.2
1066099	Soil	21	38	0.71	161	0.118	2	2.42	0.013	0.15	0.1	0.05	4.7	0.3	<0.05	8	<0.5	<0.2

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Project: ECH
Report Date: July 28, 2011

QUALITY CONTROL REPORT WHI11000553.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1033573	Soil	0.9	10.4	9.9	55	<0.1	13.1	6.1	136	2.11	5.2	1.7	2.9	2.5	17	0.1	0.3	0.2	49	0.25	0.044
REP 1033573	QC	0.9	10.0	9.3	54	<0.1	12.9	5.9	130	2.03	5.0	1.6	2.8	2.4	17	0.1	0.3	0.2	48	0.22	0.039
1033565	Soil	0.4	7.0	10.3	41	<0.1	10.5	4.0	85	1.60	3.4	1.1	4.9	1.7	13	0.1	0.2	0.2	41	0.14	0.024
REP 1033565	QC	0.4	7.2	9.7	40	<0.1	9.9	3.8	81	1.55	3.2	1.1	3.9	1.6	12	0.1	0.2	0.2	41	0.15	0.025
1064849	Soil	0.7	17.4	13.0	58	<0.1	18.5	10.5	264	2.64	6.0	3.2	2.0	3.0	20	0.1	0.3	0.7	61	0.19	0.039
REP 1064849	QC	0.6	17.8	13.2	59	<0.1	18.8	10.8	267	2.66	5.8	3.1	3.1	3.2	20	<0.1	0.3	0.7	62	0.19	0.041
1064899	Soil	0.6	11.1	11.9	54	<0.1	15.5	7.0	223	2.59	5.5	3.7	0.7	4.2	16	<0.1	0.4	0.7	49	0.22	0.056
REP 1064899	QC	0.7	11.2	12.1	54	<0.1	16.4	7.4	225	2.58	5.7	3.8	3.4	4.2	17	<0.1	0.4	0.8	51	0.22	0.056
1068327	Soil	0.2	15.9	3.4	40	<0.1	4.4	3.4	112	1.10	0.9	0.6	1.6	1.1	69	<0.1	0.1	<0.1	26	0.99	0.068
REP 1068327	QC	0.2	16.7	3.5	43	<0.1	4.6	3.6	117	1.14	0.8	0.6	2.3	1.3	70	0.1	0.1	<0.1	28	0.97	0.071
1068324	Soil	2.7	54.3	4.8	119	0.2	17.9	12.6	532	4.35	3.0	0.9	0.9	3.8	35	<0.1	<0.1	<0.1	120	0.71	0.099
REP 1068324	QC	2.3	54.2	4.7	118	0.2	18.4	13.2	536	4.50	3.1	0.9	1.4	3.9	36	<0.1	<0.1	<0.1	120	0.74	0.108
1064933	Soil	0.9	26.2	11.6	62	0.1	23.5	10.4	277	3.04	9.0	2.8	4.0	4.1	29	0.2	0.5	0.2	60	0.34	0.063
REP 1064933	QC	0.8	26.6	11.4	64	0.1	22.4	10.0	278	3.07	9.2	2.8	2.9	4.1	29	<0.1	0.5	0.4	59	0.35	0.062
1064908	Soil	1.6	9.7	10.8	27	<0.1	4.6	2.6	188	1.50	2.9	1.2	2.5	2.8	8	0.1	0.5	0.5	70	0.06	0.022
REP 1064908	QC	1.5	9.2	10.9	26	<0.1	4.5	2.6	182	1.43	2.8	1.1	3.9	2.8	8	0.1	0.4	0.5	68	0.07	0.023
1033594	Soil	1.2	32.5	14.6	73	<0.1	30.7	14.9	489	4.08	6.5	5.3	1.4	7.9	17	0.1	0.4	0.5	72	0.17	0.027
REP 1033594	QC	1.2	30.1	14.4	72	<0.1	29.1	14.5	479	3.88	6.2	5.2	1.3	8.0	16	0.1	0.4	0.5	72	0.18	0.026
1064939	Soil	2.3	84.5	5.3	105	<0.1	18.1	18.0	336	3.97	2.6	0.7	0.7	3.4	49	0.2	0.2	0.1	89	0.38	0.031
REP 1064939	QC	2.6	83.5	5.4	102	<0.1	18.3	17.5	327	3.91	2.5	0.7	<0.5	3.5	50	0.2	0.2	0.1	88	0.39	0.031
1070756	Soil	0.9	23.7	15.9	58	0.2	21.7	9.6	322	3.56	8.3	13.2	4.4	5.7	37	0.1	0.4	1.0	74	0.41	0.035
REP 1070756	QC	1.0	23.9	16.1	60	0.2	21.2	9.4	327	3.46	8.7	13.3	5.4	6.0	36	<0.1	0.4	0.9	76	0.42	0.037
1070773	Soil	4.1	20.7	20.1	87	0.3	25.2	32.1	3637	5.82	9.2	19.6	4.2	2.0	63	0.8	0.6	0.5	54	0.76	0.086
REP 1070773	QC	3.9	20.5	20.8	86	0.3	24.9	32.6	3812	5.91	8.3	19.8	4.5	1.9	64	1.0	0.6	0.5	55	0.76	0.084
1065048	Soil	1.3	12.4	11.7	53	<0.1	15.7	7.4	283	3.34	7.8	1.9	6.9	7.0	9	0.1	0.5	0.4	65	0.10	0.041
REP 1065048	QC	1.3	12.1	12.0	53	<0.1	14.6	7.5	277	3.29	7.7	1.9	1.3	7.2	9	0.1	0.5	0.4	66	0.12	0.037
1065018	Soil	1.3	28.3	11.8	61	<0.1	34.7	14.8	393	3.85	5.5	3.0	2.3	26.3	29	<0.1	0.2	0.3	51	0.29	0.083
REP 1065018	QC	1.2	26.6	11.9	58	<0.1	34.9	14.3	401	3.81	5.4	3.0	1.5	27.2	28	<0.1	0.2	0.3	50	0.29	0.078

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

Project: ECH
Report Date: July 28, 2011

QUALITY CONTROL REPORT WHI11000553.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1033573	Soil	8	24	0.39	118	0.062	2	1.57	0.013	0.06	0.2	0.05	2.6	0.1	<0.05	5	<0.5	<0.2
REP 1033573	QC	8	23	0.36	115	0.062	1	1.46	0.012	0.05	0.2	0.04	2.5	0.1	<0.05	5	<0.5	<0.2
1033565	Soil	8	21	0.32	93	0.059	1	1.31	0.011	0.05	0.1	0.04	2.0	0.1	<0.05	6	<0.5	<0.2
REP 1033565	QC	8	20	0.31	89	0.062	1	1.32	0.011	0.05	0.1	0.04	1.9	0.1	<0.05	6	<0.5	<0.2
1064849	Soil	13	34	0.49	161	0.103	2	2.21	0.013	0.12	<0.1	0.03	3.6	0.2	<0.05	7	<0.5	<0.2
REP 1064849	QC	13	34	0.49	160	0.098	1	2.24	0.013	0.12	0.1	0.04	3.9	0.2	<0.05	7	<0.5	<0.2
1064899	Soil	14	27	0.47	107	0.097	1	1.54	0.010	0.13	0.2	0.03	2.7	0.4	<0.05	5	<0.5	<0.2
REP 1064899	QC	14	28	0.47	110	0.102	<1	1.53	0.011	0.14	0.1	0.04	2.9	0.3	<0.05	5	<0.5	<0.2
1068327	Soil	12	8	0.33	181	0.057	1	0.90	0.028	0.13	<0.1	0.03	2.7	<0.1	0.08	4	0.7	<0.2
REP 1068327	QC	12	9	0.34	192	0.056	<1	0.90	0.028	0.13	<0.1	0.04	2.8	<0.1	0.07	4	0.5	<0.2
1068324	Soil	11	26	1.48	234	0.106	<1	2.53	0.010	0.29	<0.1	0.02	9.7	0.2	<0.05	13	0.6	<0.2
REP 1068324	QC	11	26	1.52	238	0.103	1	2.68	0.011	0.29	<0.1	0.01	9.9	0.2	<0.05	13	0.5	<0.2
1064933	Soil	17	31	0.51	234	0.063	2	2.04	0.014	0.06	0.2	0.05	4.4	0.1	<0.05	6	0.6	<0.2
REP 1064933	QC	17	31	0.51	246	0.064	2	2.02	0.013	0.06	0.2	0.05	4.6	0.1	<0.05	6	<0.5	<0.2
1064908	Soil	10	12	0.08	58	0.064	<1	0.92	0.005	0.05	<0.1	0.03	1.6	0.1	<0.05	8	<0.5	<0.2
REP 1064908	QC	10	12	0.08	60	0.066	<1	0.94	0.006	0.05	<0.1	0.04	1.7	0.1	<0.05	7	<0.5	<0.2
1033594	Soil	22	46	0.56	189	0.099	1	2.58	0.012	0.12	<0.1	0.04	5.6	0.4	<0.05	8	<0.5	<0.2
REP 1033594	QC	22	45	0.55	188	0.097	<1	2.54	0.011	0.12	0.1	0.02	5.5	0.4	<0.05	7	<0.5	<0.2
1064939	Soil	14	34	1.44	283	0.114	<1	2.31	0.017	0.12	<0.1	<0.01	5.7	<0.1	0.05	7	<0.5	0.3
REP 1064939	QC	14	33	1.42	280	0.109	<1	2.30	0.017	0.12	<0.1	<0.01	5.5	<0.1	0.07	7	0.7	<0.2
1070756	Soil	21	36	0.57	284	0.126	1	3.03	0.017	0.20	0.3	0.05	5.8	0.3	<0.05	9	0.7	<0.2
REP 1070756	QC	21	37	0.57	295	0.129	1	2.97	0.018	0.22	0.3	0.04	5.9	0.3	<0.05	9	0.6	<0.2
1070773	Soil	17	27	0.40	399	0.045	2	2.00	0.016	0.10	0.3	0.16	4.8	0.3	0.09	6	0.5	<0.2
REP 1070773	QC	17	27	0.39	409	0.041	1	1.97	0.017	0.10	0.3	0.16	4.7	0.3	0.10	6	0.8	<0.2
1065048	Soil	10	22	0.20	55	0.038	1	1.28	0.007	0.08	0.1	0.02	2.5	0.2	<0.05	7	<0.5	<0.2
REP 1065048	QC	11	22	0.19	59	0.043	<1	1.19	0.007	0.08	0.1	0.02	2.5	0.2	<0.05	6	<0.5	<0.2
1065018	Soil	83	38	0.75	164	0.105	<1	2.22	0.011	0.36	0.1	0.01	3.9	0.2	0.06	8	<0.5	<0.2
REP 1065018	QC	82	39	0.78	157	0.106	1	2.16	0.014	0.36	0.1	0.01	3.9	0.2	0.07	8	<0.5	<0.2

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Vancouver BC V6C 1H2 Canada

Project: ECH
Report Date: July 28, 2011

QUALITY CONTROL REPORT WHI11000553.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1065014	Soil	1.6	35.9	22.6	92	0.5	38.2	19.2	462	4.37	11.3	4.2	2.3	18.5	23	<0.1	0.2	0.5	57	0.22	0.045
REP 1065014	QC	1.7	34.7	21.7	90	0.5	38.6	18.3	445	4.12	11.3	4.1	2.8	18.1	22	<0.1	0.2	0.4	56	0.20	0.047
1065031	Soil	0.6	18.9	11.3	77	<0.1	19.6	20.8	436	3.80	1.7	0.8	<0.5	7.9	22	<0.1	<0.1	0.1	46	0.23	0.025
REP 1065031	QC	0.6	18.4	11.0	76	<0.1	19.9	20.3	430	3.68	1.6	0.8	<0.5	7.6	22	<0.1	<0.1	0.1	47	0.22	0.025
1069750	Soil	0.8	71.3	6.7	92	<0.1	32.9	20.9	638	5.00	8.2	1.2	5.8	6.5	66	<0.1	0.3	0.1	123	0.80	0.045
REP 1069750	QC	0.6	67.7	6.7	88	<0.1	30.5	19.8	629	4.75	6.9	1.1	5.1	6.3	63	<0.1	0.3	<0.1	117	0.74	0.043
1066090	Soil	0.4	20.0	10.5	62	<0.1	24.6	11.9	290	2.93	7.5	2.1	5.5	10.7	25	0.2	0.5	0.4	68	0.43	0.099
REP 1066090	QC	0.5	20.0	10.8	59	<0.1	25.2	12.0	287	2.97	7.5	2.1	2.5	10.7	24	0.2	0.4	0.4	69	0.42	0.099
Reference Materials																					
STD DS8	Standard	13.7	119.5	129.9	322	1.8	41.3	8.3	647	2.59	29.4	2.8	125.9	6.9	66	2.5	6.1	7.0	45	0.68	0.085
STD DS8	Standard	14.3	114.2	129.2	319	1.9	39.3	8.0	636	2.52	29.3	2.9	120.6	7.4	66	2.7	6.1	7.1	44	0.70	0.082
STD DS8	Standard	13.6	113.3	124.9	300	1.7	38.7	7.7	593	2.38	25.9	2.9	120.7	7.3	70	2.2	5.8	6.7	46	0.69	0.075
STD DS8	Standard	14.0	111.2	130.1	299	1.8	38.4	7.6	600	2.39	25.9	3.0	101.6	7.6	72	2.2	5.9	7.1	45	0.68	0.078
STD DS8	Standard	13.1	101.5	121.5	294	1.7	37.8	7.7	563	2.31	24.8	2.5	109.2	6.2	61	2.3	4.9	6.1	41	0.69	0.079
STD DS8	Standard	12.9	100.4	118.2	291	1.6	36.0	7.3	560	2.23	24.9	2.5	103.9	6.0	58	2.1	4.9	6.0	40	0.65	0.076
STD DS8	Standard	13.2	106.8	123.5	307	1.8	36.0	7.4	586	2.40	25.8	2.8	102.9	6.9	59	2.2	4.9	6.3	39	0.68	0.079
STD DS8	Standard	12.9	106.7	124.4	305	1.8	35.6	7.4	618	2.45	25.5	2.6	114.9	6.8	59	2.3	5.0	6.0	41	0.71	0.079
STD DS8	Standard	12.6	102.9	123.8	299	1.8	38.3	8.1	597	2.46	24.4	2.6	105.2	6.4	60	2.3	5.1	6.4	43	0.64	0.079
STD DS8	Standard	12.7	102.2	122.6	291	1.8	36.5	7.7	590	2.34	25.1	2.6	104.1	6.3	58	2.3	5.3	6.3	41	0.65	0.080
STD DS8	Standard	12.5	116.0	124.4	327	1.9	41.4	8.1	634	2.59	27.6	2.7	125.0	6.7	63	2.3	5.9	6.6	42	0.70	0.077
STD DS8	Standard	13.4	121.4	121.2	326	1.9	40.5	8.4	659	2.58	27.5	2.7	119.9	6.4	64	2.8	6.1	6.4	41	0.70	0.080
STD DS8	Standard	11.8	104.7	124.9	300	1.7	38.2	7.8	590	2.35	26.0	2.5	109.8	6.0	55	2.1	5.3	6.3	42	0.64	0.078
STD DS8	Standard	12.6	100.4	117.4	289	1.7	36.7	7.8	588	2.28	25.1	2.6	114.0	6.3	57	2.3	5.4	6.1	41	0.63	0.075
STD DS8	Standard	14.6	129.4	141.7	331	1.9	43.6	8.7	633	2.64	30.8	3.1	129.3	7.7	73	2.8	6.4	7.1	47	0.73	0.084
STD DS8	Standard	14.6	119.2	138.6	315	1.7	41.0	8.0	616	2.48	28.8	3.0	139.7	7.5	68	2.2	5.7	6.6	43	0.69	0.079
STD DS8	Standard	13.7	106.0	137.5	320	1.8	38.3	7.4	621	2.52	25.8	2.9	121.1	6.9	78	2.1	6.1	7.2	41	0.70	0.077
STD DS8	Standard	13.5	108.0	127.0	312	1.8	39.0	8.1	641	2.52	25.6	2.9	124.2	6.8	77	2.1	6.6	7.7	42	0.72	0.078
STD DS8	Standard	12.5	108.8	126.6	327	1.9	39.0	7.4	624	2.49	26.8	2.9	112.0	6.6	74	2.4	6.4	7.4	40	0.65	0.080
STD DS8	Standard	13.0	105.4	123.1	309	1.8	37.6	7.2	613	2.45	25.3	3.2	117.3	7.3	74	2.3	6.4	7.6	40	0.68	0.079

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Vancouver BC V6C 1H2 Canada

Project: ECH
Report Date: July 28, 2011

QUALITY CONTROL REPORT WHI11000553.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1065014	Soil	65	45	0.83	116	0.080	<1	2.42	0.007	0.26	0.2	0.04	4.7	0.3	<0.05	9	0.6	<0.2
REP 1065014	QC	63	44	0.85	114	0.080	1	2.49	0.008	0.24	0.3	0.04	4.5	0.3	<0.05	8	1.1	<0.2
1065031	Soil	21	78	2.83	125	0.061	<1	3.21	0.005	0.15	<0.1	<0.01	3.0	0.2	<0.05	8	<0.5	<0.2
REP 1065031	QC	21	77	2.74	122	0.061	<1	3.14	0.005	0.14	<0.1	<0.01	2.8	0.1	<0.05	8	<0.5	<0.2
1069750	Soil	26	61	1.70	103	0.149	<1	2.90	0.024	0.06	<0.1	0.03	11.4	<0.1	<0.05	10	<0.5	<0.2
REP 1069750	QC	25	65	1.65	95	0.138	<1	2.77	0.021	0.06	<0.1	0.02	11.0	<0.1	<0.05	9	0.6	<0.2
1066090	Soil	32	45	0.70	199	0.153	1	1.85	0.015	0.28	0.2	0.03	5.1	0.3	<0.05	6	<0.5	<0.2
REP 1066090	QC	30	45	0.73	190	0.152	<1	1.85	0.016	0.28	0.1	0.02	5.2	0.3	<0.05	6	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	14	122	0.63	285	0.121	2	0.93	0.087	0.42	3.1	0.21	2.0	5.4	0.18	5	5.6	5.1
STD DS8	Standard	14	122	0.63	289	0.121	3	0.93	0.088	0.43	3.1	0.20	2.2	5.6	0.18	5	5.5	5.1
STD DS8	Standard	16	121	0.59	269	0.140	2	0.93	0.096	0.41	2.8	0.18	2.0	5.1	0.14	5	5.2	4.4
STD DS8	Standard	16	121	0.61	289	0.137	2	0.91	0.091	0.39	3.0	0.18	2.1	5.3	0.12	4	5.3	4.4
STD DS8	Standard	14	109	0.59	246	0.108	2	0.90	0.088	0.40	2.8	0.18	2.1	5.2	0.15	4	5.1	4.8
STD DS8	Standard	13	107	0.58	233	0.104	2	0.86	0.085	0.39	2.8	0.19	2.0	5.1	0.12	4	5.4	5.0
STD DS8	Standard	14	110	0.60	273	0.105	3	0.89	0.089	0.41	3.0	0.21	1.9	5.3	0.15	5	5.4	5.1
STD DS8	Standard	14	114	0.63	274	0.108	2	0.92	0.089	0.42	3.1	0.20	2.0	5.4	0.16	5	5.5	5.4
STD DS8	Standard	13	112	0.60	252	0.106	2	0.87	0.081	0.39	2.9	0.19	1.9	5.3	0.17	4	5.3	5.2
STD DS8	Standard	13	114	0.61	251	0.103	<1	0.90	0.084	0.38	2.9	0.20	1.9	5.1	0.17	5	5.1	4.9
STD DS8	Standard	14	120	0.55	283	0.117	3	0.93	0.080	0.42	3.2	0.20	1.9	5.5	0.18	5	5.7	4.8
STD DS8	Standard	15	117	0.55	290	0.120	3	0.93	0.098	0.43	3.2	0.22	2.0	5.3	0.17	5	4.9	4.6
STD DS8	Standard	11	115	0.57	235	0.098	2	0.79	0.074	0.41	2.9	0.20	1.7	5.3	0.21	4	5.2	5.2
STD DS8	Standard	13	107	0.59	249	0.105	2	0.88	0.082	0.40	2.9	0.20	1.8	5.1	0.18	4	4.9	4.6
STD DS8	Standard	15	134	0.64	280	0.134	3	0.94	0.087	0.43	3.0	0.20	2.0	5.7	0.20	5	5.7	4.7
STD DS8	Standard	15	128	0.62	271	0.127	2	0.91	0.085	0.41	2.9	0.21	2.0	5.3	0.14	5	5.3	4.9
STD DS8	Standard	15	117	0.65	279	0.134	3	0.93	0.101	0.44	3.1	0.22	2.0	5.5	0.14	5	5.9	4.9
STD DS8	Standard	15	122	0.64	290	0.136	2	0.94	0.099	0.45	3.1	0.23	2.1	5.7	0.17	5	4.9	5.3
STD DS8	Standard	14	115	0.62	274	0.121	2	0.89	0.087	0.43	3.1	0.20	1.7	5.6	0.07	5	5.9	5.1
STD DS8	Standard	15	110	0.62	274	0.123	3	0.91	0.087	0.41	3.1	0.20	1.8	5.2	0.14	5	5.8	4.6

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Project: ECH
Report Date: July 28, 2011

QUALITY CONTROL REPORT WHI11000553.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	0.7	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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

Project: ECH
Report Date: July 28, 2011

QUALITY CONTROL REPORT WHI11000553.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

Submitted By: Mike Skead
Receiving Lab: Canada-Smithers
Received: July 12, 2011
Report Date: July 30, 2011
Page: 1 of 6

CERTIFICATE OF ANALYSIS WHI11000554.1

CLIENT JOB INFORMATION

Project: ECH
Shipment ID: ECH2011-09
P.O. Number
Number of Samples: 150

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	150	Dry at 60C sieve 100g to -80 mesh			SMI
Dry at 60C	150	Dry at 60C			SMI
1DX2	150	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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

Project: ECH
Report Date: July 30, 2011

CERTIFICATE OF ANALYSIS WHI11000554.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1066100	Soil		0.7	53.8	19.6	91	<0.1	35.6	20.0	535	3.99	4.0	1.7	3.8	4.8	36	0.3	0.3	0.3	86	0.58	0.093
1066097	Soil		0.6	21.5	8.4	57	<0.1	24.9	11.6	325	3.18	4.9	1.3	3.1	4.6	17	<0.1	0.4	0.2	64	0.29	0.073
1070549	Soil		1.2	26.1	9.3	89	<0.1	24.0	13.4	668	3.29	6.0	2.0	3.0	3.4	19	0.3	0.6	0.5	71	0.27	0.067
1070685	Soil		0.6	18.8	8.8	62	<0.1	20.2	11.9	305	3.36	4.5	1.1	2.5	4.4	14	<0.1	0.4	0.4	74	0.28	0.084
1070552	Soil		0.6	23.5	12.1	75	<0.1	22.4	15.3	500	3.88	4.0	2.5	2.1	9.6	21	0.2	0.4	0.7	77	0.46	0.115
1070550	Soil		0.9	29.4	9.4	81	0.1	28.5	12.7	453	3.47	5.1	2.6	2.4	5.3	21	0.2	0.5	0.7	77	0.42	0.094
1070543	Soil		1.3	18.9	10.3	59	<0.1	16.8	8.3	333	3.22	5.8	2.1	0.9	4.4	13	0.2	0.5	0.3	74	0.18	0.056
1070542	Soil		0.7	40.8	14.7	96	0.1	22.9	17.0	591	4.11	5.0	4.8	7.3	17.0	21	0.3	2.2	0.4	71	0.53	0.145
1070545	Soil		0.9	17.4	9.5	74	<0.1	19.2	12.1	487	2.97	4.5	1.7	0.7	6.0	16	0.3	0.5	0.3	66	0.33	0.104
1070546	Soil		1.3	16.9	12.1	89	<0.1	21.1	14.9	1002	3.44	7.6	1.3	8.1	5.5	14	0.4	0.5	0.3	75	0.22	0.078
1066091	Soil		0.7	20.1	8.5	58	<0.1	29.2	13.5	437	3.28	4.7	1.8	1.0	9.0	16	0.1	0.4	0.4	65	0.31	0.088
1066073	Soil		0.9	24.9	8.9	82	<0.1	32.6	20.5	758	4.11	5.7	3.0	0.8	5.8	23	0.2	0.4	0.3	85	0.38	0.087
1066077	Soil		0.9	25.0	7.1	79	<0.1	24.5	17.4	831	4.09	3.6	3.0	<0.5	6.0	21	0.2	0.3	0.3	78	0.58	0.179
1066080	Soil		1.0	25.0	7.5	66	<0.1	21.5	13.0	573	3.04	5.2	2.0	1.5	6.0	18	0.2	0.5	0.2	66	0.34	0.088
1066071	Soil		0.9	28.2	7.7	77	<0.1	25.7	16.1	622	3.54	5.5	3.0	<0.5	8.2	23	0.2	0.4	0.3	80	0.42	0.117
1066076	Soil		1.1	24.4	7.4	85	<0.1	25.7	17.1	857	4.38	3.9	3.0	1.9	6.7	25	0.2	0.3	0.3	77	0.64	0.182
1066074	Soil		0.8	24.2	8.6	70	<0.1	26.2	14.2	677	3.22	6.0	4.9	1.3	7.7	17	0.2	0.4	0.2	72	0.33	0.106
1066082	Soil		1.0	25.3	9.3	72	<0.1	25.9	14.7	593	3.73	6.2	3.2	3.6	8.1	22	<0.1	0.6	0.4	77	0.44	0.116
1066075	Soil		0.9	21.7	10.1	69	<0.1	21.7	13.3	652	3.34	4.5	3.8	2.5	8.3	21	0.2	0.4	0.3	75	0.36	0.098
1066072	Soil		1.7	6.1	16.5	75	<0.1	8.1	5.6	358	3.41	2.0	9.0	<0.5	12.4	14	0.2	0.1	0.2	15	0.31	0.113
1066079	Soil		0.9	25.1	8.0	71	<0.1	26.9	15.3	663	3.50	5.9	3.0	1.3	7.4	23	0.1	0.5	0.3	71	0.41	0.108
1066078	Soil		1.1	23.9	9.1	71	<0.1	24.2	15.8	718	3.22	5.3	2.1	1.9	3.5	18	0.1	0.4	0.2	69	0.30	0.087
1066081	Soil		0.9	21.9	8.5	80	<0.1	26.3	16.8	621	4.13	4.3	2.6	7.9	8.4	25	0.2	0.5	0.5	83	0.66	0.153
1067288	Soil		1.0	32.0	21.1	83	<0.1	29.8	15.6	453	3.99	6.9	1.4	0.5	4.9	19	0.2	0.4	0.3	85	0.30	0.070
1067287	Soil		1.4	24.6	35.6	74	0.2	25.4	12.5	421	3.60	6.6	0.9	<0.5	4.7	16	0.2	0.5	0.4	80	0.25	0.065
1070548	Soil		1.1	20.0	7.7	80	<0.1	27.7	15.2	507	4.42	4.2	1.2	1.5	5.2	13	0.2	0.4	0.3	99	0.27	0.072
1070547	Soil		0.7	22.8	7.7	66	<0.1	23.3	13.8	482	3.27	4.5	1.0	1.1	6.3	17	0.2	0.5	0.4	64	0.37	0.107
1070544	Soil		0.8	16.3	7.7	61	<0.1	15.1	8.7	469	2.46	3.1	1.8	<0.5	3.4	16	0.2	0.4	0.2	54	0.25	0.065
1070791	Soil		0.7	15.1	7.6	80	<0.1	24.5	15.2	596	3.98	3.9	1.7	2.2	8.2	12	0.1	0.3	0.7	84	0.32	0.117
1070800	Soil		1.2	21.4	9.2	68	<0.1	22.6	12.2	484	3.66	5.4	1.9	2.9	7.0	15	0.1	0.4	0.3	70	0.22	0.068

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Project: ECH
Report Date: July 30, 2011

CERTIFICATE OF ANALYSIS WHI11000554.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1066100	Soil	15	50	1.05	182	0.150	2	2.24	0.025	0.44	0.1	0.01	8.4	0.5	<0.05	7	<0.5	<0.2
1066097	Soil	19	43	0.72	167	0.111	2	2.07	0.011	0.24	0.2	0.02	4.6	0.3	<0.05	7	<0.5	<0.2
1070549	Soil	15	40	0.58	161	0.085	3	1.72	0.013	0.23	0.2	0.03	4.4	0.3	<0.05	7	<0.5	<0.2
1070685	Soil	14	41	0.79	123	0.114	<1	2.05	0.010	0.28	0.2	0.03	4.5	0.3	<0.05	7	<0.5	<0.2
1070552	Soil	26	42	0.87	229	0.161	1	1.99	0.011	0.42	0.3	0.04	6.4	0.4	<0.05	8	<0.5	<0.2
1070550	Soil	19	58	0.81	181	0.116	3	2.10	0.012	0.30	0.5	0.04	6.1	0.4	<0.05	7	<0.5	<0.2
1070543	Soil	23	32	0.47	94	0.119	1	1.46	0.007	0.10	0.2	0.04	2.9	0.2	<0.05	7	<0.5	<0.2
1070542	Soil	55	38	0.71	149	0.108	2	1.66	0.012	0.38	0.2	0.09	8.2	0.8	<0.05	7	<0.5	<0.2
1070545	Soil	21	32	0.60	104	0.124	2	1.43	0.011	0.23	0.2	0.02	3.3	0.3	<0.05	6	<0.5	<0.2
1070546	Soil	11	32	0.50	118	0.112	3	1.90	0.010	0.17	0.2	0.04	3.2	0.2	<0.05	7	<0.5	<0.2
1066091	Soil	26	46	0.66	141	0.115	2	1.81	0.011	0.22	0.3	0.02	4.9	0.3	<0.05	6	<0.5	<0.2
1066073	Soil	20	72	0.88	277	0.112	1	2.38	0.011	0.30	0.2	0.02	7.2	0.6	<0.05	8	<0.5	<0.2
1066077	Soil	20	36	0.99	215	0.189	1	2.08	0.017	0.55	0.4	0.02	5.2	0.5	<0.05	8	<0.5	<0.2
1066080	Soil	20	30	0.66	146	0.123	2	1.73	0.017	0.24	0.2	0.03	3.9	0.2	<0.05	6	<0.5	<0.2
1066071	Soil	29	36	0.88	202	0.171	<1	2.03	0.014	0.36	0.2	0.02	4.5	0.5	<0.05	7	<0.5	<0.2
1066076	Soil	21	38	0.98	291	0.195	1	2.27	0.019	0.54	0.2	0.02	5.8	0.6	<0.05	9	<0.5	<0.2
1066074	Soil	34	37	0.68	165	0.142	<1	1.96	0.012	0.27	0.3	0.05	4.9	0.4	<0.05	7	<0.5	<0.2
1066082	Soil	28	40	0.81	206	0.135	1	2.15	0.011	0.29	0.3	0.04	6.5	0.4	<0.05	7	<0.5	<0.2
1066075	Soil	29	40	0.79	209	0.141	2	2.21	0.012	0.31	0.1	0.03	5.6	0.4	<0.05	8	<0.5	<0.2
1066072	Soil	32	8	0.17	114	0.007	1	0.85	0.003	0.20	0.1	<0.01	3.1	0.3	<0.05	3	<0.5	<0.2
1066079	Soil	24	39	0.76	195	0.130	1	1.91	0.016	0.24	0.4	0.03	4.6	0.3	<0.05	7	<0.5	<0.2
1066078	Soil	15	35	0.78	162	0.113	1	2.02	0.016	0.27	0.2	0.04	3.6	0.4	<0.05	7	<0.5	<0.2
1066081	Soil	26	39	0.99	193	0.153	<1	2.00	0.017	0.44	0.5	0.03	5.9	0.5	<0.05	7	0.5	<0.2
1067288	Soil	18	50	0.87	204	0.144	1	2.70	0.011	0.28	0.2	0.04	5.9	0.4	<0.05	9	0.6	<0.2
1067287	Soil	16	43	0.72	144	0.154	2	2.04	0.010	0.22	0.1	0.03	4.7	0.3	<0.05	8	<0.5	<0.2
1070548	Soil	12	67	1.07	131	0.225	2	2.26	0.011	0.44	0.1	0.03	4.6	0.5	<0.05	10	<0.5	<0.2
1070547	Soil	14	29	0.76	123	0.146	2	2.08	0.011	0.32	0.1	0.03	3.5	0.4	<0.05	6	<0.5	<0.2
1070544	Soil	17	24	0.50	111	0.091	1	1.35	0.014	0.19	0.1	0.08	2.7	0.3	<0.05	6	<0.5	<0.2
1070791	Soil	28	54	0.88	121	0.145	1	2.43	0.009	0.50	0.8	0.04	5.4	0.6	<0.05	8	<0.5	<0.2
1070800	Soil	21	36	0.63	127	0.097	<1	1.98	0.010	0.17	0.1	0.04	4.1	0.3	<0.05	8	<0.5	<0.2

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

Project: ECH
Report Date: July 30, 2011

CERTIFICATE OF ANALYSIS WHI11000554.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1070541	Soil	0.8	29.9	6.9	79	<0.1	31.5	14.9	433	3.83	3.9	2.4	2.8	8.9	21	0.2	0.4	0.2	81	0.43	0.101
1070540	Soil	0.8	26.9	9.4	69	<0.1	27.2	12.9	408	3.39	6.3	1.6	2.2	6.0	16	0.2	0.5	0.2	73	0.26	0.076
1070799	Soil	1.3	15.5	10.2	62	<0.1	18.8	10.8	470	3.88	5.1	1.2	1.1	5.5	12	0.2	0.6	0.4	75	0.22	0.068
1070798	Soil	0.9	31.1	8.6	76	<0.1	25.5	15.2	454	4.09	4.8	1.5	2.1	6.5	18	0.2	0.5	0.4	84	0.38	0.112
1070792	Soil	0.9	21.5	13.5	101	<0.1	27.7	18.7	770	3.94	6.6	2.9	2.6	10.2	15	0.3	0.5	0.5	85	0.28	0.090
1070797	Soil	0.8	24.7	8.0	77	<0.1	23.3	16.2	584	4.16	4.0	1.4	4.2	6.3	16	0.2	0.3	0.4	76	0.44	0.159
1070795	Soil	0.9	23.8	7.2	76	<0.1	21.6	16.6	667	4.76	5.6	1.3	2.1	3.9	22	<0.1	0.3	0.3	88	0.61	0.213
1070793	Soil	0.7	17.0	24.3	108	<0.1	168.8	26.1	725	4.33	5.0	1.4	1.4	4.7	21	0.2	0.4	0.3	79	0.27	0.064
1070794	Soil	0.9	28.0	9.2	56	0.1	19.4	12.4	501	3.50	7.9	3.5	4.3	4.3	18	0.1	0.5	0.3	74	0.27	0.098
1070796	Soil	1.0	29.9	11.7	69	<0.1	21.7	16.3	632	3.97	6.8	1.0	1.3	4.7	18	0.1	0.4	0.3	77	0.32	0.113
1070788	Soil	0.6	21.4	9.7	67	<0.1	26.7	16.9	538	4.05	5.5	0.9	3.9	5.8	12	0.2	0.4	0.3	81	0.19	0.061
1070787	Soil	1.0	20.6	16.1	104	<0.1	16.8	10.6	630	3.38	3.2	2.9	2.6	17.6	18	0.2	0.3	0.6	51	0.38	0.099
1070786	Soil	0.8	35.1	12.8	67	<0.1	26.4	18.4	557	3.77	5.2	1.1	2.9	6.0	20	0.1	0.4	0.3	75	0.37	0.069
1070538	Soil	0.6	30.7	25.8	158	<0.1	26.8	19.6	658	4.70	5.6	2.2	2.3	8.7	20	0.3	2.5	0.5	83	0.39	0.091
1070539	Soil	0.6	37.1	12.6	75	<0.1	27.0	20.8	659	4.00	5.0	1.2	1.4	6.0	22	0.2	0.5	0.4	83	0.41	0.074
1070537	Soil	0.8	18.5	18.5	59	<0.1	18.9	10.2	357	3.32	5.0	1.7	2.2	8.8	18	0.2	0.8	0.7	62	0.27	0.062
1070536	Soil	0.6	28.5	10.6	73	<0.1	29.0	19.7	647	5.43	4.7	1.2	1.0	9.1	22	0.2	0.3	0.6	115	0.48	0.121
1064947	Soil	0.5	20.3	8.6	72	<0.1	23.6	14.7	412	4.22	5.7	1.2	1.0	7.7	19	<0.1	0.6	0.4	95	0.43	0.085
1064946	Soil	0.5	21.4	9.0	73	<0.1	25.2	13.2	469	3.77	3.8	1.8	2.3	7.7	21	0.1	0.5	0.3	75	0.43	0.095
1064945	Soil	0.6	26.0	10.9	74	<0.1	29.8	15.6	473	3.99	4.9	1.9	3.3	8.4	20	0.1	0.6	0.3	78	0.34	0.078
1070979	Soil	0.5	18.5	6.1	54	<0.1	29.3	15.5	551	3.12	4.1	1.4	1.7	7.0	17	0.2	0.4	0.6	67	0.29	0.069
1070975	Soil	<0.1	2.1	28.7	110	<0.1	1.6	1.5	174	0.65	0.7	1.2	<0.5	3.7	8	0.1	<0.1	0.1	2	0.16	0.047
1070983	Soil	0.6	23.6	8.6	63	<0.1	23.6	10.1	355	2.92	6.2	1.7	2.7	5.5	17	0.1	0.4	0.3	60	0.25	0.060
1070977	Soil	0.6	18.7	7.9	54	<0.1	22.2	11.0	499	2.90	5.2	1.2	0.7	6.6	17	0.3	0.3	0.4	62	0.27	0.078
1070980	Soil	0.8	23.4	9.8	59	<0.1	26.9	11.5	393	2.98	9.9	0.7	5.8	3.8	13	0.1	0.6	0.3	60	0.17	0.040
1070981	Soil	0.6	23.0	9.1	58	<0.1	26.0	11.9	424	2.99	6.7	1.2	1.8	5.5	14	0.2	0.3	0.3	63	0.21	0.052
1070976	Soil	<0.1	2.3	28.4	115	<0.1	2.6	2.1	229	0.74	1.1	1.4	<0.5	4.1	7	0.2	<0.1	0.2	4	0.14	0.046
1070974	Soil	0.6	21.1	6.9	54	<0.1	22.6	10.8	360	2.88	6.2	0.9	0.9	5.3	17	0.2	0.3	0.2	65	0.26	0.068
1070970	Soil	0.5	32.3	6.7	61	<0.1	17.5	10.8	563	2.97	3.5	2.0	0.6	8.6	12	0.2	0.2	0.3	50	0.24	0.076
1070982	Soil	0.6	21.4	8.8	69	<0.1	24.0	12.8	539	3.10	5.7	1.6	2.7	6.4	13	0.2	0.4	0.4	60	0.21	0.057

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Project: ECH
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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1070541	Soil	30	52	1.02	187	0.177	<1	2.18	0.013	0.42	0.1	0.02	6.6	0.4	<0.05	8	<0.5	<0.2
1070540	Soil	18	39	0.73	150	0.122	<1	2.30	0.010	0.18	0.2	0.03	4.3	0.3	<0.05	8	<0.5	<0.2
1070799	Soil	14	32	0.57	79	0.140	1	1.94	0.009	0.18	0.2	0.04	3.4	0.3	<0.05	8	0.6	<0.2
1070798	Soil	16	41	0.88	155	0.172	1	2.30	0.012	0.36	0.3	0.03	5.3	0.5	<0.05	9	<0.5	<0.2
1070792	Soil	48	48	0.80	146	0.137	2	2.44	0.010	0.36	0.5	0.03	5.9	0.6	<0.05	8	<0.5	<0.2
1070797	Soil	17	41	0.97	162	0.197	2	2.35	0.012	0.52	0.3	0.01	5.2	0.5	<0.05	8	<0.5	<0.2
1070795	Soil	16	33	1.01	286	0.218	2	2.36	0.013	0.53	0.2	0.02	5.7	0.4	<0.05	9	<0.5	<0.2
1070793	Soil	19	176	2.18	296	0.173	2	3.20	0.011	0.66	<0.1	0.02	5.3	1.0	<0.05	9	0.6	<0.2
1070794	Soil	30	29	0.64	173	0.096	2	2.22	0.010	0.18	0.3	0.05	4.9	0.3	<0.05	7	<0.5	<0.2
1070796	Soil	12	34	0.75	177	0.165	1	2.25	0.011	0.32	0.3	0.01	4.7	0.3	<0.05	8	<0.5	<0.2
1070788	Soil	16	51	1.10	240	0.137	1	2.64	0.008	0.32	0.1	0.02	4.6	0.4	<0.05	9	<0.5	<0.2
1070787	Soil	48	29	0.47	128	0.103	<1	1.27	0.013	0.23	<0.1	0.01	4.4	0.4	<0.05	5	<0.5	<0.2
1070786	Soil	20	44	0.94	196	0.158	2	2.12	0.016	0.35	0.1	<0.01	6.2	0.4	<0.05	8	<0.5	<0.2
1070538	Soil	24	37	0.59	167	0.044	2	1.82	0.010	0.18	0.2	0.03	9.5	0.5	<0.05	7	<0.5	<0.2
1070539	Soil	22	50	1.05	207	0.170	1	2.19	0.015	0.45	0.1	0.02	7.1	0.5	<0.05	9	<0.5	<0.2
1070537	Soil	28	33	0.57	165	0.090	2	1.99	0.008	0.19	0.1	0.01	4.9	0.3	<0.05	8	<0.5	<0.2
1070536	Soil	28	61	1.37	231	0.136	1	3.58	0.007	0.47	0.5	<0.01	9.6	0.6	<0.05	14	<0.5	<0.2
1064947	Soil	18	44	1.04	173	0.168	2	2.44	0.014	0.31	0.1	0.01	6.5	0.4	<0.05	9	<0.5	<0.2
1064946	Soil	23	41	0.86	170	0.154	2	2.05	0.012	0.34	0.2	<0.01	5.9	0.4	<0.05	8	<0.5	<0.2
1064945	Soil	24	54	0.95	168	0.154	<1	2.50	0.011	0.33	0.1	0.02	5.9	0.5	<0.05	9	<0.5	<0.2
1070979	Soil	20	42	1.16	201	0.161	2	2.21	0.015	0.47	0.2	0.02	4.7	0.5	<0.05	8	<0.5	<0.2
1070975	Soil	7	2	0.10	57	<0.001	<1	0.68	0.005	0.03	<0.1	<0.01	0.5	<0.1	<0.05	2	<0.5	<0.2
1070983	Soil	19	34	0.73	236	0.109	2	2.03	0.011	0.19	0.2	0.02	4.1	0.3	<0.05	7	<0.5	<0.2
1070977	Soil	16	34	0.76	201	0.149	2	2.05	0.013	0.34	0.6	0.02	4.1	0.4	<0.05	7	<0.5	<0.2
1070980	Soil	10	32	0.61	100	0.093	2	2.29	0.010	0.09	0.2	0.05	3.2	0.1	<0.05	6	<0.5	<0.2
1070981	Soil	14	35	0.71	117	0.121	2	2.29	0.012	0.18	0.3	0.04	4.1	0.3	<0.05	7	<0.5	<0.2
1070976	Soil	9	3	0.11	59	0.001	<1	0.76	0.005	0.04	<0.1	<0.01	0.6	<0.1	<0.05	2	<0.5	<0.2
1070974	Soil	17	34	0.76	175	0.128	2	2.01	0.012	0.19	0.2	0.03	3.9	0.2	<0.05	7	<0.5	<0.2
1070970	Soil	24	29	0.80	312	0.129	1	2.09	0.009	0.45	0.2	0.01	4.4	0.5	<0.05	8	<0.5	<0.2
1070982	Soil	13	35	0.80	232	0.127	1	2.31	0.011	0.29	0.3	0.01	4.1	0.4	<0.05	8	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1070978	Soil	0.4	41.9	7.8	52	<0.1	27.4	11.3	286	2.93	4.8	1.6	3.1	6.7	19	<0.1	0.4	0.7	61	0.35	0.077
1070971	Soil	1.0	25.5	12.4	63	0.1	21.1	8.9	389	3.13	8.3	2.5	1.3	6.3	14	0.1	0.5	0.3	64	0.15	0.044
1070958	Soil	1.5	24.4	7.7	92	<0.1	22.6	12.3	776	3.45	5.1	4.6	<0.5	23.0	17	0.2	0.4	0.4	56	0.19	0.037
1070964	Soil	0.5	24.6	6.2	58	<0.1	24.0	12.2	454	3.40	5.4	1.7	0.7	8.0	15	<0.1	0.4	0.2	70	0.26	0.064
1070968	Soil	0.7	25.9	6.3	77	<0.1	20.9	11.6	509	3.75	3.3	2.9	1.1	13.6	23	0.1	0.2	0.3	67	0.46	0.116
1070953	Soil	0.6	86.1	14.4	174	<0.1	9.4	15.6	1118	7.58	2.6	5.1	<0.5	4.1	56	0.2	0.2	0.9	109	1.32	0.383
1070961	Soil	0.7	25.8	6.4	66	<0.1	22.3	10.8	465	3.20	5.1	3.5	1.4	17.0	25	0.1	0.3	0.4	57	0.35	0.058
1070973	Soil	0.5	25.3	8.6	69	0.1	25.0	12.2	440	3.46	6.4	1.8	2.1	7.2	24	<0.1	0.4	0.2	76	0.34	0.081
1070957	Soil	0.9	19.7	6.6	66	<0.1	18.2	10.0	516	2.38	4.6	2.8	11.0	8.0	15	0.2	0.3	0.2	44	0.27	0.091
1070965	Soil	0.8	22.0	7.7	58	<0.1	21.1	10.7	444	2.92	7.5	1.7	1.3	7.1	15	<0.1	0.5	0.2	62	0.22	0.054
1070966	Soil	0.6	27.9	7.7	68	<0.1	22.7	11.8	443	3.45	6.7	2.1	2.7	8.6	21	<0.1	0.5	0.3	69	0.34	0.105
1070959	Soil	1.2	24.9	9.6	68	<0.1	16.6	9.2	754	2.55	8.7	3.6	1.5	18.9	10	0.3	0.2	1.8	33	0.12	0.055
1070962	Soil	0.6	17.7	7.5	48	<0.1	15.2	9.4	374	2.72	5.6	1.4	1.4	8.3	14	0.1	0.4	0.2	61	0.21	0.052
1070960	Soil	0.5	17.0	7.1	61	<0.1	16.6	7.4	260	2.28	5.4	1.0	1.4	2.9	16	0.3	0.4	0.3	48	0.25	0.065
1070969	Soil	0.7	26.5	8.3	56	0.1	25.0	9.7	323	3.01	6.0	2.1	4.1	7.9	20	0.1	0.4	0.3	64	0.28	0.046
1070951	Soil	0.9	23.2	9.3	83	<0.1	19.8	16.6	884	4.50	4.0	4.5	3.4	11.4	21	0.2	0.5	0.3	91	0.39	0.097
1070963	Soil	0.7	23.2	7.2	51	<0.1	20.6	11.7	349	3.24	5.3	1.5	1.8	9.6	16	0.2	0.4	0.2	66	0.25	0.061
1070952	Soil	0.6	21.1	8.5	63	<0.1	18.3	8.7	415	2.94	5.2	2.3	3.1	8.3	23	0.1	0.4	0.4	56	0.47	0.088
1070955	Soil	0.6	23.8	11.3	98	<0.1	21.0	16.4	793	4.28	4.1	3.7	1.8	12.7	28	0.3	0.5	0.4	80	0.52	0.121
1070954	Soil	0.9	19.9	8.2	63	<0.1	19.5	10.6	584	2.87	4.9	2.6	5.2	14.5	18	0.2	0.5	0.3	55	0.27	0.078
1070956	Soil	0.6	12.8	6.1	16	0.2	5.7	1.0	41	0.67	0.9	5.5	1.6	0.9	11	0.1	0.2	0.1	14	0.13	0.138
1070967	Soil	0.8	29.1	8.0	79	<0.1	22.5	15.3	588	3.98	5.1	2.0	1.5	12.0	18	0.1	0.4	0.3	75	0.38	0.116
1070972	Soil	0.4	25.4	11.7	69	<0.1	21.6	8.2	275	2.76	6.1	2.6	1.7	7.0	24	0.2	0.5	0.2	57	0.29	0.063
1068861	Soil	1.5	15.5	11.7	51	<0.1	14.1	7.4	344	3.51	9.3	0.8	2.5	4.9	12	<0.1	0.6	0.8	72	0.11	0.047
1068857	Soil	1.5	17.6	16.1	56	<0.1	16.0	7.9	321	4.74	10.9	1.0	2.0	6.6	12	0.2	1.6	0.4	78	0.12	0.047
1068864	Soil	1.2	11.7	10.7	26	<0.1	7.0	4.1	126	2.13	4.4	0.6	1.9	4.8	11	<0.1	0.4	0.3	84	0.08	0.023
1068866	Soil	1.0	18.3	8.2	60	<0.1	21.9	11.4	247	3.20	4.9	0.7	1.6	5.7	20	0.1	0.4	0.3	77	0.28	0.064
1068862	Soil	1.1	15.3	8.8	45	<0.1	16.8	9.5	245	4.06	5.6	0.7	2.4	5.5	11	<0.1	0.4	0.4	88	0.17	0.037
1068867	Soil	1.2	10.1	13.5	34	<0.1	10.4	5.3	236	3.02	4.8	0.8	2.4	1.2	10	0.2	0.8	0.8	64	0.09	0.047
1068865	Soil	2.0	23.8	9.6	64	<0.1	24.2	13.9	409	5.26	5.1	1.3	0.7	10.2	23	0.1	0.4	0.5	143	0.30	0.064

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

Project: ECH
Report Date: July 30, 2011

CERTIFICATE OF ANALYSIS WHI11000554.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1070978	Soil	21	43	0.89	226	0.120	2	2.28	0.016	0.35	0.1	0.03	5.3	0.4	<0.05	8	<0.5	<0.2
1070971	Soil	21	31	0.58	149	0.095	1	2.27	0.009	0.15	0.2	0.04	3.8	0.3	<0.05	8	<0.5	<0.2
1070958	Soil	47	33	0.63	140	0.107	3	1.91	0.013	0.23	0.1	0.03	4.4	0.3	<0.05	7	<0.5	<0.2
1070964	Soil	32	39	0.89	184	0.161	2	2.13	0.012	0.37	0.2	0.02	4.0	0.3	<0.05	8	<0.5	<0.2
1070968	Soil	47	38	1.06	557	0.183	2	2.28	0.017	0.61	0.2	0.02	6.7	0.4	<0.05	9	<0.5	<0.2
1070953	Soil	69	12	1.45	560	0.116	<1	3.57	0.012	1.67	0.1	0.03	5.5	1.3	<0.05	16	<0.5	<0.2
1070961	Soil	60	32	0.70	189	0.124	2	1.79	0.016	0.27	0.4	0.03	5.5	0.3	<0.05	7	<0.5	<0.2
1070973	Soil	30	41	0.90	315	0.154	2	2.49	0.013	0.35	0.2	0.04	6.2	0.3	<0.05	8	<0.5	<0.2
1070957	Soil	26	26	0.51	98	0.089	<1	1.33	0.018	0.16	0.3	0.04	2.5	0.2	<0.05	5	<0.5	<0.2
1070965	Soil	24	29	0.60	138	0.111	1	1.86	0.011	0.15	0.1	0.04	3.6	0.2	<0.05	6	<0.5	<0.2
1070966	Soil	34	34	0.86	201	0.130	2	2.23	0.015	0.29	0.2	0.04	5.1	0.2	<0.05	7	<0.5	<0.2
1070959	Soil	38	20	0.34	110	0.042	2	1.14	0.011	0.11	0.4	0.06	2.4	0.2	0.05	4	<0.5	<0.2
1070962	Soil	18	28	0.56	83	0.101	1	1.96	0.010	0.16	0.2	0.04	3.2	0.2	<0.05	6	<0.5	<0.2
1070960	Soil	10	27	0.44	80	0.074	2	1.87	0.010	0.06	0.1	0.05	2.6	0.1	<0.05	5	<0.5	<0.2
1070969	Soil	21	46	0.81	336	0.111	1	2.09	0.011	0.24	0.3	0.03	5.0	0.2	<0.05	7	<0.5	<0.2
1070951	Soil	37	35	0.82	218	0.131	2	2.03	0.013	0.49	0.3	0.04	8.3	0.6	<0.05	8	<0.5	<0.2
1070963	Soil	29	38	0.76	173	0.128	2	2.15	0.012	0.22	0.2	0.03	4.2	0.2	<0.05	7	<0.5	<0.2
1070952	Soil	27	30	0.63	144	0.106	1	1.59	0.017	0.22	0.2	0.03	4.4	0.2	<0.05	6	<0.5	<0.2
1070955	Soil	50	37	1.20	536	0.165	1	2.73	0.014	0.65	0.1	0.02	6.2	0.7	<0.05	11	<0.5	<0.2
1070954	Soil	33	29	0.57	237	0.098	2	1.69	0.013	0.21	0.2	0.03	3.8	0.3	<0.05	6	<0.5	<0.2
1070956	Soil	23	17	0.10	93	0.016	2	0.81	0.009	0.08	<0.1	0.16	1.6	<0.1	0.13	4	0.6	<0.2
1070967	Soil	37	37	1.13	208	0.169	1	2.56	0.016	0.55	0.2	0.03	5.4	0.5	<0.05	9	<0.5	<0.2
1070972	Soil	23	33	0.64	184	0.115	3	1.94	0.016	0.17	0.2	0.03	4.8	0.2	<0.05	6	<0.5	<0.2
1068861	Soil	12	29	0.41	87	0.083	2	2.02	0.008	0.08	0.2	0.07	2.3	0.2	<0.05	8	<0.5	<0.2
1068857	Soil	17	31	0.45	90	0.091	3	2.08	0.009	0.09	0.1	0.10	3.1	0.2	<0.05	9	<0.5	<0.2
1068864	Soil	13	14	0.17	73	0.130	<1	1.03	0.020	0.06	0.1	0.03	1.9	0.1	<0.05	10	<0.5	<0.2
1068866	Soil	13	36	0.76	176	0.114	1	2.07	0.011	0.14	0.2	0.02	4.7	0.2	<0.05	8	<0.5	<0.2
1068862	Soil	10	42	0.70	90	0.157	1	2.19	0.010	0.07	0.6	0.03	3.7	0.2	<0.05	9	0.8	<0.2
1068867	Soil	13	24	0.26	73	0.041	1	1.32	0.008	0.06	0.1	0.03	2.1	0.2	<0.05	8	<0.5	<0.2
1068865	Soil	44	32	0.83	272	0.182	1	2.23	0.010	0.17	0.1	0.02	7.7	0.2	<0.05	13	0.7	<0.2

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Report Date: July 30, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1068863	Soil	1.2	19.7	10.7	67	<0.1	23.0	13.3	346	3.94	9.2	1.1	2.2	11.9	13	0.1	0.7	0.4	80	0.14	0.040
1068860	Soil	0.9	15.0	12.5	67	<0.1	23.4	17.8	506	5.17	5.2	1.0	<0.5	9.2	12	0.1	0.5	1.2	87	0.19	0.048
1068859	Soil	1.5	21.5	10.4	58	<0.1	20.8	18.8	1277	5.17	6.0	0.9	<0.5	6.9	10	0.1	0.4	0.9	131	0.17	0.095
1068851	Soil	0.5	6.7	4.9	20	0.2	2.9	2.4	86	0.92	1.4	2.3	<0.5	0.1	14	<0.1	0.2	<0.1	20	0.11	0.042
1070784	Soil	0.7	17.8	15.3	71	<0.1	16.7	8.0	272	2.63	8.0	3.1	5.2	6.2	17	0.3	0.6	0.3	58	0.24	0.060
1070782	Soil	0.5	15.9	12.8	58	<0.1	16.9	8.2	196	2.69	10.2	3.4	3.1	8.0	20	<0.1	0.5	0.3	60	0.23	0.045
1070780	Soil	0.8	6.3	3.5	22	0.1	4.6	2.0	109	0.65	1.5	1.1	0.6	0.1	14	0.3	0.2	0.1	20	0.14	0.061
1033734	Soil	0.9	17.2	10.8	62	<0.1	16.8	7.8	193	2.69	7.1	1.1	4.4	8.6	12	0.2	0.5	0.2	56	0.13	0.037
1033735	Soil	0.7	14.6	14.0	57	<0.1	13.8	8.2	413	2.48	5.7	2.9	2.0	9.6	17	0.2	0.5	0.3	50	0.21	0.040
1068852	Soil	0.4	2.8	3.6	14	<0.1	0.3	1.7	73	0.72	1.0	0.5	<0.5	0.2	8	<0.1	0.1	<0.1	20	0.06	0.013
1033733	Soil	0.6	23.5	10.0	63	0.1	18.7	9.0	306	3.09	8.2	3.7	2.1	14.1	24	0.2	0.5	0.3	59	0.31	0.055
1070783	Soil	0.3	2.9	4.8	17	<0.1	0.6	2.4	151	0.85	1.1	0.6	<0.5	0.5	8	<0.1	<0.1	<0.1	22	0.06	0.015
1070781	Soil	1.1	13.7	11.7	44	<0.1	10.1	4.5	307	2.18	5.7	0.9	2.4	3.1	12	0.2	0.4	0.3	54	0.10	0.047
1033736	Soil	0.8	13.3	7.3	36	0.2	7.5	3.8	181	1.49	3.9	1.9	2.2	0.5	17	0.2	0.3	0.2	37	0.14	0.064
1035888	Soil	1.7	18.7	17.2	66	<0.1	19.2	11.0	402	3.42	6.4	2.1	<0.5	16.0	12	0.2	0.7	0.2	48	0.12	0.041
1068858	Soil	2.1	12.0	13.5	39	<0.1	8.8	4.5	223	2.94	5.4	1.3	1.5	7.3	9	<0.1	0.5	0.6	67	0.07	0.032
1068870	Soil	0.2	2.6	2.6	4	<0.1	0.7	0.5	14	0.31	<0.5	0.2	0.6	<0.1	7	<0.1	<0.1	0.1	9	0.03	0.023
1068869	Soil	1.2	14.2	20.3	50	<0.1	16.8	10.2	271	3.01	5.4	0.9	2.2	5.2	13	0.1	1.1	0.3	64	0.16	0.041
1068871	Soil	1.3	15.0	14.7	55	<0.1	17.5	9.0	337	3.40	6.6	0.9	2.4	4.4	14	0.2	0.6	0.3	68	0.17	0.045
1068855	Soil	1.9	14.4	17.6	30	<0.1	9.3	3.6	135	2.09	3.5	1.1	1.3	0.4	8	<0.1	0.9	0.7	48	0.07	0.101
1068856	Soil	2.2	24.7	19.3	88	<0.1	28.6	20.2	783	4.79	6.6	2.1	1.4	15.5	11	0.2	1.0	3.0	67	0.13	0.058
1070785	Soil	0.7	20.3	19.1	78	0.1	21.1	10.6	572	2.96	7.8	5.0	1.6	6.2	17	0.1	0.8	0.4	60	0.24	0.067
1068854	Soil	2.5	12.2	9.8	56	<0.1	8.5	4.3	129	2.59	4.7	1.4	0.7	1.7	6	<0.1	0.3	0.8	55	0.05	0.049
1068853	Soil	0.2	2.2	8.4	6	0.2	1.2	0.7	25	0.36	<0.5	0.8	<0.5	<0.1	8	<0.1	<0.1	<0.1	9	0.05	0.024
1068868	Soil	1.2	14.1	11.5	32	<0.1	11.5	6.5	228	2.66	5.7	0.8	3.0	1.1	13	0.1	0.6	0.5	53	0.11	0.072
1035889	Soil	1.8	20.9	19.5	75	<0.1	24.9	12.4	463	3.78	7.2	2.1	<0.5	15.7	13	0.2	0.7	0.3	56	0.14	0.042
1069388	Soil	1.5	16.1	16.8	53	<0.1	11.3	5.7	277	4.29	8.5	2.1	0.9	4.1	10	<0.1	0.4	0.3	62	0.10	0.069
1069383	Soil	1.1	10.5	8.0	32	<0.1	7.5	4.8	186	2.65	4.5	0.7	<0.5	1.1	9	<0.1	0.6	0.2	62	0.08	0.049
1069387	Soil	1.4	18.7	11.4	32	<0.1	12.0	4.9	202	3.06	7.3	1.0	1.3	4.5	10	0.2	0.6	0.3	79	0.08	0.039
1069385	Soil	1.7	26.3	23.2	156	<0.1	21.0	15.7	704	7.32	5.1	3.0	<0.5	20.6	6	<0.1	1.6	0.9	76	0.09	0.062

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1068863	Soil	14	35	0.67	132	0.104	2	2.83	0.008	0.13	0.2	0.03	4.4	0.2	<0.05	8	<0.5	<0.2
1068860	Soil	22	26	1.12	113	0.081	1	3.01	0.005	0.36	0.1	0.04	6.9	0.7	<0.05	12	<0.5	<0.2
1068859	Soil	7	56	0.92	82	0.125	1	2.48	0.011	0.14	0.2	0.06	5.5	0.2	<0.05	14	<0.5	<0.2
1068851	Soil	9	9	0.13	111	0.021	1	0.53	0.017	0.04	<0.1	0.06	0.8	<0.1	<0.05	2	0.5	<0.2
1070784	Soil	20	30	0.53	189	0.075	3	1.92	0.008	0.10	0.2	0.04	4.0	0.2	<0.05	6	<0.5	<0.2
1070782	Soil	18	30	0.56	263	0.088	2	1.95	0.009	0.09	0.2	0.05	4.1	0.2	<0.05	6	<0.5	<0.2
1070780	Soil	8	12	0.08	113	0.020	1	0.37	0.012	0.06	<0.1	0.06	0.6	<0.1	0.05	2	<0.5	<0.2
1033734	Soil	13	29	0.52	118	0.082	2	2.31	0.007	0.10	0.2	0.07	2.9	0.2	<0.05	6	0.6	<0.2
1033735	Soil	17	25	0.45	190	0.092	2	1.55	0.010	0.15	0.3	0.03	3.3	0.2	<0.05	6	<0.5	<0.2
1068852	Soil	4	5	0.10	52	0.038	<1	0.32	0.018	0.03	<0.1	0.02	0.5	<0.1	<0.05	3	<0.5	<0.2
1033733	Soil	33	32	0.61	402	0.110	1	1.70	0.012	0.15	0.6	0.04	5.3	0.2	<0.05	6	0.6	<0.2
1070783	Soil	3	6	0.14	47	0.049	<1	0.37	0.018	0.03	<0.1	0.01	0.6	<0.1	<0.05	3	<0.5	<0.2
1070781	Soil	8	20	0.29	99	0.068	2	1.44	0.008	0.07	0.2	0.08	1.9	0.1	<0.05	7	0.9	<0.2
1033736	Soil	13	16	0.22	197	0.032	1	1.18	0.013	0.05	0.1	0.06	1.0	<0.1	0.08	5	0.5	<0.2
1035888	Soil	29	29	0.42	123	0.058	2	2.27	0.008	0.11	0.1	0.06	3.7	0.2	<0.05	6	0.9	<0.2
1068858	Soil	19	17	0.20	49	0.092	<1	0.97	0.008	0.06	0.2	0.03	1.7	0.1	<0.05	8	0.6	<0.2
1068870	Soil	1	3	0.02	14	0.013	<1	0.34	0.018	0.02	<0.1	0.03	0.2	<0.1	0.06	2	<0.5	<0.2
1068869	Soil	18	32	0.53	112	0.058	3	2.25	0.008	0.08	0.1	0.03	2.8	0.3	<0.05	8	0.7	<0.2
1068871	Soil	17	28	0.59	86	0.086	2	1.89	0.010	0.10	0.2	0.02	2.8	0.2	<0.05	8	0.6	<0.2
1068855	Soil	21	22	0.13	47	0.013	<1	1.08	0.009	0.05	<0.1	0.04	0.6	0.2	<0.05	6	1.0	<0.2
1068856	Soil	25	35	0.62	117	0.040	3	2.31	0.009	0.15	0.1	0.04	5.0	0.4	<0.05	7	0.6	<0.2
1070785	Soil	20	32	0.59	211	0.094	2	2.08	0.011	0.12	0.2	0.03	3.9	0.3	<0.05	7	1.0	<0.2
1068854	Soil	17	13	0.05	43	0.009	<1	0.63	0.009	0.06	0.1	0.02	1.0	0.1	<0.05	5	0.6	<0.2
1068853	Soil	4	3	0.03	41	0.009	<1	0.21	0.022	0.02	<0.1	0.03	0.1	<0.1	<0.05	<1	<0.5	<0.2
1068868	Soil	12	27	0.25	102	0.025	<1	2.25	0.007	0.04	0.1	0.05	2.1	0.3	<0.05	7	0.9	<0.2
1035889	Soil	31	30	0.50	125	0.066	2	2.56	0.012	0.11	0.1	0.05	3.9	0.2	<0.05	6	1.0	<0.2
1069388	Soil	26	21	0.34	63	0.035	<1	2.05	0.006	0.12	0.1	0.08	1.8	0.3	<0.05	12	0.8	<0.2
1069383	Soil	7	16	0.23	46	0.047	<1	1.02	0.012	0.05	<0.1	0.06	1.9	<0.1	<0.05	7	0.5	<0.2
1069387	Soil	17	22	0.25	79	0.076	<1	1.47	0.007	0.06	0.1	0.04	1.8	0.1	<0.05	10	0.7	<0.2
1069385	Soil	33	38	0.56	114	0.045	<1	2.62	0.006	0.24	0.1	0.03	6.8	0.4	<0.05	10	1.0	<0.2

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

Project: ECH
Report Date: July 30, 2011

CERTIFICATE OF ANALYSIS WHI11000554.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1069384	Soil		1.9	13.4	9.3	55	<0.1	17.8	9.8	534	3.32	4.0	1.7	<0.5	2.8	11	<0.1	0.3	0.2	60	0.13	0.075
1069382	Soil		1.2	23.8	10.3	78	<0.1	24.8	21.3	870	5.78	4.9	2.4	1.5	10.9	15	0.2	0.5	0.5	114	0.25	0.094
1069386	Soil		0.9	16.5	16.8	59	<0.1	23.2	15.0	486	4.13	5.1	2.7	1.7	15.1	8	0.1	0.5	1.6	56	0.08	0.039
1067299	Soil		2.6	24.5	27.8	65	0.2	23.0	8.8	513	3.69	9.0	2.1	1.7	1.5	17	0.1	0.8	0.6	69	0.18	0.098
1069380	Soil		0.3	3.7	2.0	8	<0.1	1.4	0.9	28	0.57	<0.5	0.2	<0.5	<0.1	7	<0.1	<0.1	<0.1	14	0.05	0.022
1067300	Soil		1.0	17.5	8.2	55	<0.1	19.5	12.8	431	3.54	4.2	0.8	2.1	2.6	13	0.1	0.3	0.3	77	0.21	0.071
1069379	Soil		0.7	20.7	12.0	57	<0.1	23.4	10.5	322	2.97	6.4	1.4	3.5	4.9	20	0.1	0.6	0.3	63	0.29	0.073
1069377	Soil		1.1	16.4	10.4	65	<0.1	22.0	12.6	492	3.59	4.9	0.9	0.7	4.4	15	0.2	0.6	0.3	75	0.27	0.101
1067297	Soil		1.3	21.1	13.8	78	<0.1	34.1	14.5	570	3.92	5.9	1.2	1.2	9.0	16	0.1	0.4	0.5	75	0.20	0.061
1067295	Soil		1.2	26.8	12.8	76	<0.1	27.7	19.9	894	4.70	5.3	1.5	1.8	11.6	26	0.2	0.4	0.4	102	0.36	0.081
1069381	Soil		1.4	15.8	10.6	47	<0.1	15.6	7.5	287	3.08	4.6	1.1	0.6	3.9	10	<0.1	0.4	0.3	80	0.11	0.043
1069378	Soil		1.3	22.0	10.9	65	<0.1	23.1	14.6	562	3.93	5.4	1.0	0.7	5.8	16	0.1	0.8	0.4	88	0.28	0.080
1067296	Soil		1.1	17.5	13.7	46	<0.1	14.4	6.8	272	2.91	5.7	1.0	0.7	2.3	14	0.1	0.4	0.4	64	0.14	0.050
1067298	Soil		1.2	19.7	13.9	68	<0.1	28.8	12.9	495	3.67	6.7	1.1	<0.5	6.6	15	0.1	0.5	0.4	80	0.18	0.052
1067294	Soil		1.6	14.3	13.6	43	<0.1	14.6	7.6	275	2.88	4.2	0.9	1.6	3.6	11	<0.1	0.4	0.4	74	0.13	0.051
1067293	Soil		0.8	14.8	8.7	39	<0.1	11.7	7.3	285	2.52	3.6	0.7	1.6	1.5	11	<0.1	0.3	0.3	50	0.12	0.042
1067291	Soil		2.4	17.3	27.9	116	<0.1	25.9	19.8	1759	4.50	3.4	1.8	0.7	5.2	13	0.4	2.8	0.4	69	0.22	0.108
1067292	Soil		1.5	19.2	15.5	75	<0.1	29.8	19.0	685	4.92	5.2	1.1	<0.5	7.2	13	0.1	0.6	0.4	84	0.25	0.072
1069397	Soil		1.1	15.6	11.3	49	<0.1	10.8	5.9	283	3.05	4.9	1.1	4.2	2.4	14	<0.1	0.4	0.4	83	0.13	0.035
1069395	Soil		0.8	14.6	12.0	65	<0.1	21.9	10.4	242	3.12	2.2	1.2	0.8	6.1	15	0.2	0.3	0.3	70	0.25	0.062
1069396	Soil		0.7	30.2	16.5	78	0.2	25.1	11.7	739	3.78	7.6	3.5	3.6	9.6	15	0.2	0.5	1.1	66	0.17	0.063
1069398	Soil		0.7	22.9	12.1	69	<0.1	22.1	12.5	408	4.18	7.7	1.0	3.3	9.4	13	0.2	0.6	0.5	69	0.20	0.065
1069399	Soil		1.0	11.8	10.3	61	<0.1	13.3	6.8	285	2.88	6.5	0.7	<0.5	5.2	13	0.1	0.5	0.6	57	0.17	0.058
1069390	Soil		0.8	19.9	14.3	62	0.1	28.1	11.7	393	3.19	11.4	0.8	3.0	2.3	12	0.3	0.7	0.7	69	0.13	0.037
1069389	Soil		1.2	14.3	13.2	58	<0.1	14.3	7.5	390	3.91	10.6	0.8	3.4	3.7	11	<0.1	0.7	0.5	98	0.12	0.033
1069392	Soil		1.0	11.0	8.9	25	<0.1	5.3	1.8	78	1.10	2.9	0.7	1.8	0.4	9	0.1	0.4	3.0	41	0.06	0.028
1069391	Soil		1.1	12.3	13.5	39	<0.1	9.8	4.1	237	3.75	10.7	0.5	1.3	2.4	8	0.1	0.8	5.4	96	0.08	0.030
1070635	Soil		0.9	17.4	15.8	66	<0.1	17.5	13.3	930	3.92	2.0	1.7	1.5	5.9	13	0.3	0.3	2.8	69	0.20	0.071
1069393	Soil		0.7	28.1	8.3	108	<0.1	39.1	27.7	812	6.06	3.6	1.7	2.6	9.4	18	0.2	0.3	0.4	118	0.38	0.115
1069394	Soil		0.6	24.5	8.0	98	<0.1	35.2	23.3	685	5.41	3.4	1.5	1.2	8.8	15	0.2	0.3	0.4	102	0.31	0.101

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Project: ECH
Report Date: July 30, 2011

CERTIFICATE OF ANALYSIS WHI11000554.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1069384	Soil	25	31	0.30	84	0.033	1	1.17	0.013	0.07	0.1	0.03	2.8	0.1	<0.05	6	<0.5	<0.2
1069382	Soil	36	42	0.88	157	0.086	2	3.00	0.010	0.19	<0.1	0.03	8.1	0.4	<0.05	11	0.7	<0.2
1069386	Soil	15	26	0.32	74	0.022	1	2.30	0.008	0.05	0.1	0.03	4.4	0.2	<0.05	5	<0.5	<0.2
1067299	Soil	42	36	0.48	197	0.023	2	2.60	0.009	0.07	0.2	0.06	3.9	0.2	<0.05	8	0.6	<0.2
1069380	Soil	2	4	0.03	20	0.016	<1	0.28	0.018	0.02	<0.1	0.02	0.2	<0.1	<0.05	2	<0.5	<0.2
1067300	Soil	10	34	0.75	88	0.080	1	1.91	0.014	0.12	<0.1	0.02	3.8	0.2	<0.05	8	<0.5	<0.2
1069379	Soil	20	34	0.65	180	0.062	2	2.28	0.012	0.06	0.1	0.02	4.0	0.1	<0.05	6	<0.5	<0.2
1069377	Soil	21	37	0.81	99	0.094	1	1.83	0.010	0.18	0.1	0.03	3.6	0.2	<0.05	9	<0.5	<0.2
1067297	Soil	33	54	1.06	161	0.098	<1	2.86	0.010	0.12	0.2	0.03	4.9	0.3	<0.05	10	<0.5	<0.2
1067295	Soil	53	45	1.03	238	0.118	<1	2.75	0.011	0.20	<0.1	0.01	7.2	0.3	<0.05	11	0.6	<0.2
1069381	Soil	17	34	0.51	79	0.129	<1	1.41	0.011	0.16	0.1	0.05	3.2	0.2	<0.05	11	<0.5	<0.2
1069378	Soil	19	39	0.86	111	0.100	1	2.14	0.012	0.12	0.1	0.01	4.9	0.2	<0.05	9	0.5	<0.2
1067296	Soil	17	26	0.48	96	0.064	2	1.78	0.009	0.07	0.2	0.05	2.3	0.2	<0.05	8	<0.5	<0.2
1067298	Soil	26	49	0.91	138	0.090	1	2.69	0.010	0.10	0.1	0.03	4.3	0.3	<0.05	11	0.9	<0.2
1067294	Soil	14	31	0.48	74	0.086	1	1.61	0.010	0.12	<0.1	0.05	2.5	0.2	<0.05	9	0.7	<0.2
1067293	Soil	8	18	0.38	65	0.047	2	1.49	0.016	0.05	<0.1	0.03	1.9	0.1	<0.05	6	<0.5	<0.2
1067291	Soil	28	39	0.52	155	0.033	5	1.71	0.009	0.21	<0.1	0.03	5.5	0.6	<0.05	7	<0.5	<0.2
1067292	Soil	16	60	1.05	105	0.184	2	3.20	0.012	0.33	0.2	0.04	4.9	0.5	<0.05	10	<0.5	<0.2
1069397	Soil	9	25	0.37	55	0.106	<1	1.23	0.012	0.07	0.1	0.03	2.4	0.2	<0.05	10	<0.5	<0.2
1069395	Soil	22	44	0.63	124	0.085	1	2.01	0.011	0.12	<0.1	0.03	4.0	0.4	<0.05	8	<0.5	<0.2
1069396	Soil	51	34	0.55	189	0.042	2	2.39	0.010	0.12	0.1	0.06	6.0	0.4	<0.05	6	<0.5	<0.2
1069398	Soil	18	34	0.65	125	0.115	2	2.62	0.011	0.14	0.1	0.07	4.1	0.4	<0.05	8	0.7	<0.2
1069399	Soil	11	24	0.39	84	0.088	2	2.12	0.010	0.10	0.1	0.04	2.5	0.2	<0.05	6	<0.5	<0.2
1069390	Soil	8	31	0.57	119	0.067	3	2.75	0.010	0.06	0.1	0.07	3.0	<0.1	<0.05	6	<0.5	<0.2
1069389	Soil	10	23	0.35	73	0.121	2	1.33	0.010	0.05	0.1	0.03	2.7	0.1	<0.05	10	<0.5	<0.2
1069392	Soil	8	8	0.04	43	0.024	<1	0.60	0.008	0.03	<0.1	0.03	0.7	0.2	<0.05	5	<0.5	<0.2
1069391	Soil	8	18	0.21	53	0.097	1	1.39	0.006	0.03	0.1	0.06	2.0	<0.1	<0.05	11	<0.5	<0.2
1070635	Soil	14	32	0.37	92	0.052	2	1.73	0.011	0.09	0.3	0.04	3.7	0.4	<0.05	6	<0.5	<0.2
1069393	Soil	29	81	1.04	243	0.134	2	2.64	0.012	0.38	<0.1	0.03	9.8	1.0	<0.05	10	<0.5	<0.2
1069394	Soil	25	70	0.97	203	0.115	2	2.60	0.009	0.34	0.1	0.01	7.9	0.9	<0.05	9	<0.5	<0.2

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Project: ECH
Report Date: July 30, 2011

QUALITY CONTROL REPORT WHI11000554.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1070545	Soil	0.9	17.4	9.5	74	<0.1	19.2	12.1	487	2.97	4.5	1.7	0.7	6.0	16	0.3	0.5	0.3	66	0.33	0.104
REP 1070545	QC	0.9	17.5	9.6	73	<0.1	20.1	12.0	491	3.01	4.4	1.7	<0.5	6.0	16	0.2	0.6	0.2	66	0.34	0.104
1070541	Soil	0.8	29.9	6.9	79	<0.1	31.5	14.9	433	3.83	3.9	2.4	2.8	8.9	21	0.2	0.4	0.2	81	0.43	0.101
REP 1070541	QC	0.7	30.2	6.9	77	<0.1	31.8	15.0	436	3.90	4.1	2.5	<0.5	9.0	21	0.2	0.4	0.3	82	0.43	0.099
1070794	Soil	0.9	28.0	9.2	56	0.1	19.4	12.4	501	3.50	7.9	3.5	4.3	4.3	18	0.1	0.5	0.3	74	0.27	0.098
REP 1070794	QC	1.0	28.6	9.5	59	0.1	19.5	12.2	501	3.46	8.2	3.4	2.7	4.3	18	0.1	0.5	0.3	73	0.27	0.100
1070968	Soil	0.7	25.9	6.3	77	<0.1	20.9	11.6	509	3.75	3.3	2.9	1.1	13.6	23	0.1	0.2	0.3	67	0.46	0.116
REP 1070968	QC	0.6	26.0	6.0	77	<0.1	22.4	11.8	511	3.78	3.7	2.8	1.1	13.5	24	0.1	0.2	0.3	68	0.47	0.113
1070956	Soil	0.6	12.8	6.1	16	0.2	5.7	1.0	41	0.67	0.9	5.5	1.6	0.9	11	0.1	0.2	0.1	14	0.13	0.138
REP 1070956	QC	0.6	13.5	6.4	16	0.2	4.7	1.1	40	0.67	0.8	5.7	2.1	0.9	11	0.3	0.1	0.1	14	0.13	0.140
1068857	Soil	1.5	17.6	16.1	56	<0.1	16.0	7.9	321	4.74	10.9	1.0	2.0	6.6	12	0.2	1.6	0.4	78	0.12	0.047
REP 1068857	QC	1.5	18.9	16.6	57	<0.1	17.1	8.7	340	4.95	11.4	1.0	2.9	6.8	12	0.2	1.5	0.3	83	0.11	0.051
1070780	Soil	0.8	6.3	3.5	22	0.1	4.6	2.0	109	0.65	1.5	1.1	0.6	0.1	14	0.3	0.2	0.1	20	0.14	0.061
REP 1070780	QC	0.9	6.0	3.6	22	0.1	4.3	2.0	107	0.67	1.5	1.1	0.6	0.1	14	0.3	0.2	0.1	21	0.13	0.063
1070785	Soil	0.7	20.3	19.1	78	0.1	21.1	10.6	572	2.96	7.8	5.0	1.6	6.2	17	0.1	0.8	0.4	60	0.24	0.067
REP 1070785	QC	0.7	19.8	18.9	79	<0.1	20.5	10.8	578	3.00	7.7	5.0	1.3	6.5	18	0.1	0.7	0.3	59	0.25	0.064
1069377	Soil	1.1	16.4	10.4	65	<0.1	22.0	12.6	492	3.59	4.9	0.9	0.7	4.4	15	0.2	0.6	0.3	75	0.27	0.101
REP 1069377	QC	1.0	16.7	10.5	64	<0.1	21.5	12.5	502	3.56	4.6	0.8	0.5	4.5	15	0.1	0.6	0.4	75	0.28	0.101
1070635	Soil	0.9	17.4	15.8	66	<0.1	17.5	13.3	930	3.92	2.0	1.7	1.5	5.9	13	0.3	0.3	2.8	69	0.20	0.071
REP 1070635	QC	0.8	18.8	16.1	73	<0.1	17.4	14.0	911	3.94	2.2	1.8	1.9	5.9	13	0.3	0.3	3.0	70	0.21	0.071
Reference Materials																					
STD DS8	Standard	13.3	104.0	115.1	311	1.9	35.5	7.3	612	2.40	26.4	2.4	105.8	6.0	71	2.1	6.1	6.8	43	0.66	0.078
STD DS8	Standard	12.2	105.7	119.8	305	1.7	36.3	7.5	602	2.48	25.8	2.5	112.5	6.0	71	2.2	6.0	6.8	43	0.67	0.076
STD DS8	Standard	12.9	112.1	138.8	309	1.7	37.8	7.5	619	2.48	25.5	2.8	107.3	6.5	76	2.3	6.2	7.2	42	0.70	0.077
STD DS8	Standard	12.4	110.3	141.3	308	1.8	38.7	7.4	603	2.50	25.1	2.7	105.3	6.6	70	2.4	6.0	7.1	42	0.67	0.074
STD DS8	Standard	14.6	119.9	134.7	323	1.7	40.5	8.1	622	2.58	26.6	2.9	145.9	7.0	64	2.3	6.0	6.9	45	0.67	0.077
STD DS8	Standard	13.2	115.0	129.9	311	1.8	38.7	7.7	608	2.44	25.2	2.8	119.7	6.7	62	2.2	5.5	6.6	42	0.67	0.074
STD DS8	Standard	12.5	104.6	126.3	296	1.7	36.6	7.4	588	2.38	25.1	2.8	129.9	6.8	65	2.3	5.4	6.7	40	0.65	0.075

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

Project: ECH
Report Date: July 30, 2011

QUALITY CONTROL REPORT WHI11000554.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1070545	Soil	21	32	0.60	104	0.124	2	1.43	0.011	0.23	0.2	0.02	3.3	0.3	<0.05	6	<0.5	<0.2
REP 1070545	QC	21	31	0.60	103	0.123	2	1.47	0.011	0.24	0.2	0.02	3.4	0.3	<0.05	6	<0.5	<0.2
1070541	Soil	30	52	1.02	187	0.177	<1	2.18	0.013	0.42	0.1	0.02	6.6	0.4	<0.05	8	<0.5	<0.2
REP 1070541	QC	30	51	1.00	183	0.174	<1	2.21	0.013	0.42	0.2	0.02	6.5	0.5	<0.05	8	<0.5	<0.2
1070794	Soil	30	29	0.64	173	0.096	2	2.22	0.010	0.18	0.3	0.05	4.9	0.3	<0.05	7	<0.5	<0.2
REP 1070794	QC	30	30	0.65	173	0.094	2	2.22	0.010	0.18	0.2	0.04	4.8	0.3	<0.05	7	<0.5	<0.2
1070968	Soil	47	38	1.06	557	0.183	2	2.28	0.017	0.61	0.2	0.02	6.7	0.4	<0.05	9	<0.5	<0.2
REP 1070968	QC	47	39	1.07	558	0.183	2	2.24	0.017	0.62	0.2	0.01	7.1	0.4	<0.05	9	<0.5	<0.2
1070956	Soil	23	17	0.10	93	0.016	2	0.81	0.009	0.08	<0.1	0.16	1.6	<0.1	0.13	4	0.6	<0.2
REP 1070956	QC	23	15	0.11	97	0.017	2	0.84	0.009	0.08	<0.1	0.16	1.7	0.1	0.14	4	0.9	<0.2
1068857	Soil	17	31	0.45	90	0.091	3	2.08	0.009	0.09	0.1	0.10	3.1	0.2	<0.05	9	<0.5	<0.2
REP 1068857	QC	17	32	0.47	94	0.089	2	2.17	0.009	0.09	0.2	0.09	3.4	0.2	<0.05	9	<0.5	<0.2
1070780	Soil	8	12	0.08	113	0.020	1	0.37	0.012	0.06	<0.1	0.06	0.6	<0.1	0.05	2	<0.5	<0.2
REP 1070780	QC	8	11	0.08	113	0.021	2	0.38	0.012	0.05	<0.1	0.06	0.7	<0.1	0.07	2	<0.5	<0.2
1070785	Soil	20	32	0.59	211	0.094	2	2.08	0.011	0.12	0.2	0.03	3.9	0.3	<0.05	7	1.0	<0.2
REP 1070785	QC	20	31	0.60	209	0.096	2	1.98	0.011	0.13	0.2	0.03	4.0	0.3	<0.05	6	0.7	<0.2
1069377	Soil	21	37	0.81	99	0.094	1	1.83	0.010	0.18	0.1	0.03	3.6	0.2	<0.05	9	<0.5	<0.2
REP 1069377	QC	21	37	0.85	100	0.097	2	1.82	0.010	0.19	0.1	0.03	3.7	0.2	<0.05	9	<0.5	<0.2
1070635	Soil	14	32	0.37	92	0.052	2	1.73	0.011	0.09	0.3	0.04	3.7	0.4	<0.05	6	<0.5	<0.2
REP 1070635	QC	15	30	0.37	97	0.052	2	1.82	0.012	0.09	0.2	0.04	3.8	0.3	<0.05	7	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	14	115	0.64	274	0.110	3	0.90	0.087	0.41	3.0	0.19	2.0	4.9	<0.05	5	5.2	4.7
STD DS8	Standard	13	113	0.66	262	0.106	3	0.86	0.083	0.40	2.9	0.20	2.0	5.1	<0.05	4	4.7	4.9
STD DS8	Standard	14	118	0.61	274	0.129	3	0.92	0.088	0.43	2.9	0.21	2.0	5.5	0.17	5	5.1	5.3
STD DS8	Standard	14	117	0.61	261	0.116	2	0.87	0.090	0.40	2.8	0.20	1.9	5.5	0.10	5	5.2	4.9
STD DS8	Standard	14	125	0.60	278	0.121	2	0.88	0.080	0.41	3.0	0.19	2.1	5.9	0.16	5	5.7	4.8
STD DS8	Standard	13	118	0.60	264	0.115	2	0.88	0.081	0.39	3.0	0.19	2.0	5.8	0.10	5	4.8	5.5
STD DS8	Standard	13	111	0.60	266	0.109	2	0.86	0.087	0.41	3.0	0.19	2.4	5.4	0.12	4	3.8	4.4

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

Project: ECH
Report Date: July 30, 2011

QUALITY CONTROL REPORT WHI11000554.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8	Standard	13.2	112.7	129.9	326	1.7	40.9	7.6	639	2.53	28.1	2.9	113.0	7.3	68	2.3	5.6	7.2	42	0.68	0.077
STD DS8	Standard	12.9	104.6	122.6	294	1.7	33.9	7.1	585	2.31	25.0	2.7	112.5	6.8	67	2.3	5.6	6.6	40	0.66	0.074
STD DS8	Standard	11.9	103.3	122.8	304	1.8	34.3	7.5	594	2.39	24.1	2.8	103.2	7.0	67	2.2	5.6	6.7	40	0.67	0.076
STD DS8	Standard	12.3	103.5	115.5	291	1.6	35.7	7.2	573	2.31	24.9	2.6	102.0	6.2	57	1.9	5.0	6.1	40	0.65	0.074
STD DS8	Standard	12.7	102.7	119.6	299	1.6	36.8	7.3	592	2.34	25.2	2.7	138.4	6.6	59	2.4	5.0	6.3	42	0.67	0.075
STD DS8	Standard	13.5	116.3	128.9	328	2.0	40.5	8.0	626	2.59	27.5	2.9	129.7	7.0	72	2.5	6.3	7.1	43	0.69	0.084
STD DS8	Standard	13.4	110.4	129.9	318	1.9	38.9	7.7	624	2.50	27.4	2.9	112.5	7.1	72	2.5	6.0	7.0	45	0.69	0.082
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.03	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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

Project: ECH
Report Date: July 30, 2011

QUALITY CONTROL REPORT WHI11000554.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	15	118	0.61	290	0.118	3	0.90	0.085	0.41	3.1	0.18	2.1	5.5	0.15	5	4.8	5.1
STD DS8	Standard	15	113	0.58	265	0.110	3	0.86	0.084	0.39	2.9	0.19	2.2	5.2	0.13	4	5.6	4.8
STD DS8	Standard	14	111	0.59	266	0.110	3	0.89	0.087	0.40	2.7	0.17	2.5	5.1	0.14	5	4.8	4.5
STD DS8	Standard	13	112	0.57	260	0.102	3	0.83	0.082	0.40	2.8	0.19	2.0	5.0	0.14	4	5.0	4.5
STD DS8	Standard	14	112	0.61	268	0.108	3	0.90	0.092	0.41	2.7	0.20	1.9	5.0	0.14	4	4.9	4.7
STD DS8	Standard	14	123	0.71	290	0.118	3	0.92	0.089	0.44	3.0	0.20	2.0	5.3	0.18	4	4.9	5.2
STD DS8	Standard	15	124	0.70	282	0.122	3	0.92	0.086	0.43	3.1	0.22	2.1	5.5	0.18	5	5.0	4.6
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ryan Gold Corp.**
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Submitted By: Mike Skead
Receiving Lab: Canada-Whitehorse
Received: July 15, 2011
Report Date: August 09, 2011
Page: 1 of 7

CERTIFICATE OF ANALYSIS WHI11000606.1

CLIENT JOB INFORMATION

Project: ECH
Shipment ID:
P.O. Number
Number of Samples: 165

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	165	Dry at 60C sieve 100g to -80 mesh			VAN
Dry at 60C	165	Dry at 60C			VAN
1DX2	165	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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

Project: ECH
Report Date: August 09, 2011

CERTIFICATE OF ANALYSIS WHI11000606.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1067301	Soil		1.0	15.0	10.3	70	<0.1	15.3	8.8	555	3.02	4.8	2.8	1.4	23.8	9	0.1	0.3	0.3	64	0.15	0.042
1067302	Soil		1.1	20.4	10.7	56	0.1	18.6	7.9	301	2.91	7.9	3.3	2.8	13.7	12	0.2	0.4	0.3	61	0.15	0.063
1067303	Soil		0.8	17.5	10.9	58	<0.1	21.5	8.7	236	2.66	6.1	1.7	3.5	6.8	14	0.1	0.3	0.2	58	0.21	0.037
1067304	Soil		1.1	14.8	10.1	61	<0.1	19.4	9.5	355	3.01	6.1	1.2	2.9	6.3	11	0.2	0.3	0.2	64	0.18	0.051
1067305	Soil		0.7	15.1	10.5	69	<0.1	28.9	13.2	364	3.59	5.1	1.1	2.2	13.7	11	0.1	0.2	0.2	68	0.22	0.040
1067306	Soil		0.6	12.4	10.0	63	<0.1	26.4	13.8	398	3.72	3.8	0.8	0.9	11.7	12	0.1	0.2	0.2	74	0.27	0.064
1067307	Soil		0.8	13.9	25.7	91	<0.1	26.5	13.9	381	4.08	6.9	0.9	0.9	11.1	12	0.2	0.2	0.3	78	0.21	0.046
1067308	Soil		0.7	9.4	7.1	31	<0.1	9.3	4.7	114	1.88	3.2	0.6	<0.5	0.4	9	<0.1	0.2	0.1	45	0.08	0.053
1067309	Soil		1.2	16.9	20.2	73	<0.1	26.2	13.8	440	3.81	10.3	1.6	1.5	16.7	14	0.3	0.3	0.2	77	0.19	0.038
1067310	Soil		1.3	17.2	14.8	69	<0.1	21.4	11.3	497	3.86	10.3	0.7	1.9	7.4	11	0.2	0.4	0.2	83	0.14	0.037
1067311	Soil		1.8	10.2	12.9	48	<0.1	13.8	6.8	274	3.25	9.8	0.7	<0.5	6.6	11	0.1	0.4	0.3	98	0.13	0.025
1067312	Soil		1.4	16.8	16.6	87	<0.1	22.9	13.4	552	3.78	9.8	0.9	6.1	8.4	11	0.5	0.4	0.2	77	0.15	0.043
1067313	Soil		2.0	23.9	17.6	88	<0.1	20.5	12.7	394	3.26	5.5	5.0	3.1	24.3	17	0.3	0.3	0.2	67	0.31	0.060
1067314	Soil		2.1	24.1	18.1	66	<0.1	22.2	10.7	377	3.29	7.6	3.3	2.9	15.4	17	0.2	0.4	0.2	70	0.23	0.043
1067315	Soil		1.6	31.2	17.5	72	0.1	26.8	9.3	306	2.96	7.4	2.7	4.5	14.2	28	0.2	0.5	0.2	60	0.40	0.049
1067316	Soil		1.1	27.5	22.7	65	0.1	23.7	9.3	285	2.71	6.6	2.7	3.0	10.1	27	<0.1	0.5	0.2	57	0.39	0.044
1067317	Soil		1.1	21.2	21.6	60	0.2	18.8	8.3	192	2.59	6.7	2.0	2.2	5.6	16	0.2	0.3	0.2	54	0.22	0.047
1067318	Soil		1.2	17.7	15.0	60	<0.1	17.8	10.5	298	3.03	5.4	1.2	1.9	9.3	16	0.2	0.3	0.1	69	0.25	0.049
1067319	Soil		0.9	13.8	7.5	59	<0.1	14.1	12.1	373	3.94	5.1	0.4	1.5	2.8	14	0.1	0.2	<0.1	121	0.16	0.054
1067320	Soil		0.6	19.3	8.8	55	<0.1	17.5	10.2	326	3.16	4.3	1.1	0.8	4.8	28	0.4	0.1	0.2	85	0.36	0.079
1067321	Soil		0.4	19.4	8.3	52	<0.1	17.7	9.1	278	3.06	4.0	1.0	1.1	4.7	25	0.3	0.2	0.2	82	0.33	0.073
1067322	Soil		0.8	11.9	7.7	65	<0.1	8.9	10.4	410	3.83	2.9	0.4	1.0	1.7	16	0.1	<0.1	0.2	124	0.20	0.046
1067323	Soil		1.2	7.2	9.9	39	0.1	5.4	3.6	152	2.18	2.7	0.2	<0.5	1.3	11	0.2	0.2	0.1	78	0.14	0.037
1067324	Soil		1.3	12.9	12.3	72	0.3	12.8	10.4	468	3.44	14.8	1.2	11.1	4.6	29	0.2	0.2	0.1	106	0.35	0.061
1067325	Soil		1.5	22.3	76.5	189	0.3	13.0	9.5	541	3.19	19.8	1.4	13.6	6.3	23	0.9	0.3	0.5	80	0.32	0.055
1067326	Soil		1.7	22.8	54.4	109	1.2	13.1	7.2	302	3.16	15.6	1.0	7.3	4.0	21	0.5	0.2	0.4	88	0.26	0.038
1067327	Soil		1.2	15.3	28.0	83	0.2	13.3	8.2	296	3.11	9.4	0.9	8.2	5.7	19	0.4	0.3	0.2	79	0.27	0.042
1067328	Soil		1.4	20.8	40.3	113	<0.1	9.3	10.2	701	3.82	8.4	0.9	1.1	7.9	13	0.4	0.1	0.4	72	0.30	0.105
1067329	Soil		1.4	17.8	34.9	104	<0.1	8.9	9.1	606	3.87	7.4	0.8	4.1	7.1	12	0.4	0.2	0.4	76	0.27	0.095
1067330	Soil		1.8	14.0	6.0	71	<0.1	9.9	12.5	551	4.46	6.3	0.6	1.6	3.5	33	0.1	0.1	0.1	174	0.48	0.081

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Project: ECH
Report Date: August 09, 2011

CERTIFICATE OF ANALYSIS WHI11000606.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1067301	Soil		39	27	0.44	118	0.093	1	1.58	0.010	0.20	0.8	0.04	2.7	0.2	<0.05	9	<0.5	<0.2
1067302	Soil		32	33	0.37	116	0.057	<1	2.08	0.012	0.11	0.3	0.03	3.2	0.2	<0.05	7	<0.5	<0.2
1067303	Soil		20	37	0.73	147	0.087	<1	1.84	0.010	0.12	0.2	0.02	3.0	0.2	<0.05	7	<0.5	<0.2
1067304	Soil		23	35	0.73	128	0.100	<1	1.96	0.009	0.22	0.5	0.01	2.7	0.2	<0.05	8	<0.5	<0.2
1067305	Soil		27	59	1.28	180	0.154	<1	2.53	0.010	0.45	0.5	<0.01	4.1	0.4	<0.05	10	<0.5	<0.2
1067306	Soil		21	57	1.43	178	0.157	<1	2.62	0.009	0.53	1.2	<0.01	4.3	0.3	<0.05	10	<0.5	<0.2
1067307	Soil		17	53	1.27	198	0.158	<1	2.96	0.009	0.45	0.7	<0.01	4.4	0.3	<0.05	10	<0.5	<0.2
1067308	Soil		9	20	0.31	77	0.042	<1	1.17	0.012	0.11	0.1	0.02	1.0	<0.1	<0.05	6	<0.5	<0.2
1067309	Soil		27	44	0.79	191	0.098	<1	2.88	0.010	0.13	0.3	0.02	4.2	0.2	<0.05	8	<0.5	<0.2
1067310	Soil		12	41	0.66	135	0.093	<1	2.43	0.009	0.10	0.3	0.02	3.3	0.1	<0.05	9	<0.5	<0.2
1067311	Soil		15	32	0.44	102	0.122	<1	1.84	0.007	0.08	0.3	<0.01	2.8	0.2	<0.05	11	<0.5	<0.2
1067312	Soil		12	41	0.65	127	0.079	<1	2.73	0.009	0.09	0.3	0.01	3.1	0.1	<0.05	8	<0.5	<0.2
1067313	Soil		45	39	0.82	267	0.116	<1	1.89	0.012	0.23	0.3	<0.01	4.2	0.2	<0.05	7	<0.5	<0.2
1067314	Soil		32	41	0.64	327	0.093	<1	2.27	0.011	0.10	0.3	0.02	4.2	0.1	<0.05	8	0.6	<0.2
1067315	Soil		24	38	0.66	451	0.089	<1	1.83	0.018	0.08	0.2	0.03	4.7	<0.1	<0.05	6	<0.5	<0.2
1067316	Soil		23	35	0.61	389	0.073	<1	1.94	0.015	0.06	0.2	0.04	4.6	<0.1	<0.05	6	<0.5	<0.2
1067317	Soil		17	32	0.43	237	0.059	<1	1.94	0.010	0.06	0.2	0.03	3.2	<0.1	<0.05	6	<0.5	<0.2
1067318	Soil		15	33	0.74	215	0.118	<1	2.29	0.011	0.08	0.2	0.02	3.7	0.1	<0.05	7	<0.5	<0.2
1067319	Soil		6	23	0.93	151	0.195	<1	2.51	0.010	0.12	0.1	0.01	3.6	<0.1	<0.05	8	<0.5	<0.2
1067320	Soil		13	30	0.82	255	0.153	<1	2.02	0.013	0.20	0.1	<0.01	4.8	<0.1	<0.05	7	<0.5	<0.2
1067321	Soil		12	33	0.80	242	0.150	<1	1.99	0.011	0.19	0.1	<0.01	4.4	0.1	<0.05	7	<0.5	<0.2
1067322	Soil		5	19	1.06	133	0.236	<1	2.07	0.013	0.19	0.2	<0.01	3.8	<0.1	<0.05	9	<0.5	<0.2
1067323	Soil		5	13	0.30	65	0.138	<1	1.03	0.008	0.09	<0.1	<0.01	1.6	<0.1	<0.05	8	<0.5	<0.2
1067324	Soil		13	23	0.87	250	0.204	<1	1.94	0.019	0.17	0.1	<0.01	4.3	0.1	<0.05	6	<0.5	<0.2
1067325	Soil		18	23	0.76	295	0.152	<1	1.86	0.015	0.11	0.1	<0.01	3.4	0.1	<0.05	6	<0.5	<0.2
1067326	Soil		10	23	0.62	204	0.156	<1	2.15	0.012	0.09	0.2	0.02	3.3	0.1	<0.05	8	<0.5	<0.2
1067327	Soil		11	25	0.62	206	0.122	<1	2.09	0.012	0.06	0.2	0.01	3.3	0.1	<0.05	6	<0.5	<0.2
1067328	Soil		16	17	0.95	216	0.180	<1	2.23	0.009	0.23	0.4	<0.01	3.8	0.1	<0.05	8	<0.5	<0.2
1067329	Soil		14	17	0.99	197	0.192	<1	2.32	0.009	0.23	0.3	<0.01	3.8	0.1	<0.05	9	<0.5	0.3
1067330	Soil		11	24	1.15	242	0.204	<1	2.21	0.030	0.29	0.1	<0.01	8.8	0.1	<0.05	7	<0.5	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1067331	Soil		1.3	13.4	2.2	79	<0.1	5.9	13.9	1048	5.16	1.2	0.8	4.8	2.9	41	0.2	<0.1	<0.1	207	0.74	0.128
1067332	Soil		1.3	12.6	7.8	47	<0.1	15.3	11.7	304	3.87	3.8	0.9	0.6	8.7	13	0.2	0.2	0.1	105	0.22	0.035
1067333	Soil		1.0	19.0	15.5	67	<0.1	19.8	11.8	292	3.54	6.2	0.8	4.9	9.0	15	0.2	0.3	0.5	92	0.21	0.022
1067334	Soil		1.6	10.9	10.4	41	<0.1	9.2	5.1	136	2.81	5.5	0.5	3.3	5.6	11	0.3	0.3	0.2	83	0.16	0.035
1033654	Soil		0.2	10.0	9.6	41	<0.1	8.9	7.5	175	2.80	0.9	2.2	1.7	26.6	20	0.1	<0.1	<0.1	31	0.40	0.132
1033653	Soil		0.5	17.8	10.0	54	<0.1	14.0	9.4	293	2.91	3.4	2.7	2.1	24.3	16	0.1	0.2	0.2	41	0.27	0.081
1033656	Soil		0.2	18.3	9.9	37	<0.1	8.8	7.2	266	2.84	0.6	2.6	<0.5	28.0	27	0.1	<0.1	0.2	25	0.45	0.136
1033664	Soil		0.4	10.4	7.1	46	<0.1	17.3	9.9	255	3.26	3.6	1.3	0.8	19.1	18	<0.1	0.2	0.2	41	0.21	0.049
1033655	Soil		0.1	14.1	8.6	34	<0.1	7.0	6.2	203	2.56	0.5	2.7	<0.5	29.8	28	0.1	<0.1	0.2	22	0.47	0.136
1033660	Soil		0.7	21.0	12.0	50	<0.1	12.8	8.1	313	3.67	7.3	2.3	1.4	18.9	18	0.1	0.3	0.2	61	0.22	0.075
1033657	Soil		0.4	26.8	11.4	91	<0.1	37.4	20.2	630	3.96	1.5	1.4	0.8	14.4	16	0.2	<0.1	0.3	55	0.28	0.093
1033659	Soil		0.8	8.6	16.3	55	<0.1	22.6	15.7	507	4.51	2.9	1.0	<0.5	15.7	18	<0.1	0.1	0.7	95	0.27	0.126
1033651	Soil		0.4	14.1	5.5	48	<0.1	17.6	12.8	349	3.55	3.5	1.9	<0.5	24.5	22	0.1	0.3	0.2	41	0.32	0.109
1033662	Soil		0.2	14.6	4.5	48	<0.1	25.6	18.7	597	4.03	1.0	1.8	0.7	17.9	283	<0.1	<0.1	<0.1	66	0.69	0.158
1033658	Soil		0.3	9.0	6.0	47	<0.1	7.6	11.8	434	3.80	1.5	2.7	<0.5	34.9	7	<0.1	<0.1	0.2	22	0.39	0.206
1033652	Soil		1.2	26.9	13.3	49	<0.1	18.5	11.8	418	3.48	8.8	2.8	3.7	16.7	16	<0.1	0.6	0.3	65	0.13	0.040
1033684	Soil		0.5	13.1	5.6	34	<0.1	15.6	11.7	283	3.69	3.1	1.4	1.6	18.8	31	0.1	0.1	0.1	51	0.57	0.106
1033679	Soil		<0.1	18.9	2.5	54	<0.1	36.7	29.4	759	6.68	1.2	2.3	0.5	9.8	175	<0.1	<0.1	<0.1	113	0.84	0.189
1033682	Soil		0.5	4.9	10.6	28	<0.1	6.4	8.2	454	3.38	3.1	2.0	<0.5	24.4	27	0.2	0.1	0.2	34	0.44	0.153
1033674	Soil		0.3	5.3	6.6	31	<0.1	8.6	6.5	185	2.59	2.1	3.7	<0.5	25.5	19	<0.1	0.1	0.2	30	0.33	0.138
1033675	Soil		0.2	2.5	4.0	22	<0.1	7.3	6.4	109	2.31	1.4	2.7	<0.5	34.6	9	<0.1	<0.1	<0.1	21	0.29	0.131
1033680	Soil		0.2	4.6	4.9	35	<0.1	11.8	12.2	232	4.55	2.3	1.9	<0.5	19.6	101	<0.1	0.1	0.2	70	0.60	0.125
1033672	Soil		0.5	4.3	4.2	25	<0.1	7.4	5.4	206	2.63	2.6	2.1	<0.5	22.6	8	<0.1	0.2	0.1	27	0.26	0.129
1033681	Soil		0.2	3.1	7.2	33	<0.1	8.4	6.5	168	2.75	1.5	2.9	<0.5	32.3	55	<0.1	<0.1	0.2	28	1.05	0.129
1033683	Soil		0.1	19.6	7.7	43	<0.1	7.9	6.6	296	3.20	1.3	1.9	<0.5	30.8	95	0.1	<0.1	0.1	31	0.64	0.148
1033678	Soil		0.6	9.2	7.2	43	<0.1	16.3	12.4	293	4.22	4.0	1.8	1.0	24.6	13	0.1	0.3	0.2	54	0.18	0.089
1033666	Soil		0.5	12.0	12.5	42	<0.1	13.3	7.8	295	3.83	4.6	3.4	0.5	34.9	29	<0.1	0.2	0.1	47	0.67	0.121
1033676	Soil		<0.1	3.3	3.9	82	<0.1	21.3	22.9	510	6.22	1.8	5.3	<0.5	34.0	47	0.5	<0.1	0.2	124	0.46	0.135
1033668	Soil		1.6	12.8	11.9	44	<0.1	13.5	6.2	256	3.81	10.4	0.7	1.2	5.9	11	0.2	0.5	0.2	81	0.10	0.079
1033669	Soil		0.4	7.4	9.4	33	<0.1	11.8	7.5	222	2.86	4.2	1.8	0.7	17.1	15	<0.1	0.2	0.2	47	0.25	0.089

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1067331	Soil	13	19	2.04	284	0.190	<1	2.35	0.016	0.53	<0.1	<0.01	16.8	<0.1	<0.05	8	<0.5	<0.2
1067332	Soil	17	34	0.91	214	0.211	<1	2.07	0.014	0.20	0.1	0.03	5.4	0.1	<0.05	10	<0.5	<0.2
1067333	Soil	14	46	0.69	211	0.178	<1	2.25	0.011	0.14	0.1	0.02	4.3	0.2	<0.05	9	<0.5	<0.2
1067334	Soil	10	28	0.29	73	0.158	<1	1.34	0.008	0.11	0.1	0.01	2.3	0.1	<0.05	9	<0.5	<0.2
1033654	Soil	46	15	0.57	136	0.127	<1	1.91	0.009	0.60	<0.1	<0.01	3.5	0.5	<0.05	9	<0.5	<0.2
1033653	Soil	61	23	0.55	203	0.078	<1	1.93	0.009	0.23	0.1	<0.01	4.1	0.2	<0.05	7	<0.5	<0.2
1033656	Soil	57	14	0.57	126	0.120	<1	1.74	0.016	0.54	<0.1	0.01	3.2	0.4	<0.05	9	<0.5	<0.2
1033664	Soil	22	23	0.76	142	0.168	<1	2.32	0.012	0.52	0.1	0.02	3.2	0.5	<0.05	9	<0.5	<0.2
1033655	Soil	67	11	0.56	111	0.101	<1	1.72	0.020	0.58	0.1	<0.01	2.8	0.4	<0.05	8	<0.5	<0.2
1033660	Soil	35	27	0.63	113	0.145	<1	2.26	0.012	0.42	0.1	0.02	3.3	0.4	<0.05	10	0.5	<0.2
1033657	Soil	42	82	1.77	92	0.068	<1	2.36	0.007	0.20	<0.1	<0.01	4.0	0.2	<0.05	10	<0.5	<0.2
1033659	Soil	20	61	1.80	88	0.293	<1	3.59	0.009	1.37	0.1	0.02	9.2	1.0	<0.05	15	0.7	<0.2
1033651	Soil	36	28	0.85	227	0.094	<1	2.41	0.008	0.43	0.1	0.02	3.5	0.3	<0.05	9	<0.5	<0.2
1033662	Soil	36	42	1.63	298	0.215	<1	3.05	0.017	1.21	0.1	<0.01	5.1	0.8	<0.05	10	<0.5	<0.2
1033658	Soil	49	13	1.08	88	0.154	<1	2.36	0.008	0.90	<0.1	0.02	1.9	0.5	<0.05	8	<0.5	<0.2
1033652	Soil	48	39	0.51	200	0.071	<1	2.45	0.009	0.10	0.2	0.06	5.2	0.2	<0.05	7	0.6	<0.2
1033684	Soil	15	23	0.73	211	0.206	<1	2.99	0.026	0.79	0.1	0.01	5.0	0.5	<0.05	11	<0.5	<0.2
1033679	Soil	20	53	2.22	283	0.254	<1	3.34	0.015	1.89	0.1	0.02	11.6	1.0	<0.05	12	<0.5	<0.2
1033682	Soil	36	14	0.42	151	0.087	<1	2.45	0.023	0.58	<0.1	0.01	3.0	0.5	<0.05	10	<0.5	<0.2
1033674	Soil	52	16	0.56	146	0.134	<1	1.72	0.011	0.58	0.1	0.02	2.7	0.4	<0.05	8	0.6	<0.2
1033675	Soil	58	13	0.71	82	0.119	<1	1.70	0.010	0.59	0.1	<0.01	2.4	0.4	<0.05	8	<0.5	<0.2
1033680	Soil	33	19	0.98	197	0.222	<1	3.03	0.026	1.03	0.1	0.01	5.2	0.6	<0.05	13	<0.5	<0.2
1033672	Soil	35	12	0.68	59	0.158	<1	1.49	0.008	0.53	<0.1	0.02	1.5	0.3	<0.05	8	<0.5	<0.2
1033681	Soil	60	15	0.46	140	0.117	<1	2.78	0.062	0.66	0.1	<0.01	3.5	0.5	<0.05	9	<0.5	<0.2
1033683	Soil	63	13	0.93	215	0.150	<1	2.45	0.024	0.75	<0.1	<0.01	3.5	0.4	<0.05	9	<0.5	<0.2
1033678	Soil	35	25	0.81	162	0.190	<1	2.69	0.012	0.67	0.2	0.02	4.6	0.5	<0.05	11	<0.5	<0.2
1033666	Soil	34	22	0.73	223	0.201	<1	3.33	0.034	0.81	0.2	0.01	4.6	0.6	<0.05	13	<0.5	<0.2
1033676	Soil	74	29	2.02	400	0.330	<1	3.88	0.018	2.07	0.1	<0.01	9.4	1.1	<0.05	20	<0.5	<0.2
1033668	Soil	13	30	0.40	100	0.087	<1	2.17	0.008	0.12	0.2	0.02	2.5	0.1	<0.05	10	<0.5	<0.2
1033669	Soil	29	27	0.61	100	0.117	<1	1.90	0.011	0.34	0.1	0.03	3.2	0.2	<0.05	8	<0.5	<0.2

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Project: ECH
Report Date: August 09, 2011

CERTIFICATE OF ANALYSIS WHI11000606.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1033667	Soil		<0.1	8.4	4.6	29	<0.1	7.1	8.2	394	3.18	<0.5	2.8	<0.5	36.2	15	<0.1	<0.1	0.7	16	0.51	0.168
1033673	Soil		0.4	3.8	6.4	31	<0.1	8.7	7.6	335	2.65	2.8	2.7	0.9	31.1	10	0.2	0.1	0.2	29	0.28	0.158
1033677	Soil		0.5	7.5	5.4	26	<0.1	11.0	7.2	137	3.02	4.6	0.8	0.6	14.7	8	<0.1	0.2	0.2	30	0.14	0.061
1033670	Soil		0.1	4.1	7.0	54	<0.1	19.6	9.6	416	4.05	0.7	4.0	1.0	33.4	24	0.1	<0.1	0.2	33	0.44	0.154
1033671	Soil		0.2	3.6	11.3	35	<0.1	9.9	8.2	348	3.07	1.7	5.3	0.9	37.9	14	0.1	<0.1	0.2	33	0.39	0.185
1033661	Soil		0.6	10.3	9.7	45	<0.1	14.3	7.1	275	2.89	4.5	1.1	1.2	6.3	16	<0.1	0.2	0.2	54	0.25	0.060
1033663	Soil		0.1	11.8	5.1	51	<0.1	27.5	20.9	600	4.19	1.3	1.7	0.5	16.8	100	<0.1	<0.1	<0.1	70	0.63	0.162
1033665	Soil		0.1	2.0	5.6	11	<0.1	2.7	3.4	207	0.64	0.8	0.7	0.6	1.8	28	<0.1	<0.1	<0.1	10	0.69	0.026
1066030	Soil		0.8	15.5	7.3	44	<0.1	15.4	8.4	237	2.82	4.8	1.5	1.4	8.6	16	<0.1	0.3	0.2	51	0.21	0.041
1066031	Soil		0.4	8.1	5.9	13	<0.1	3.0	1.4	44	0.91	1.1	0.5	0.7	<0.1	7	<0.1	<0.1	0.1	24	0.06	0.025
1066034	Soil		0.9	18.8	8.0	50	<0.1	18.7	9.5	309	2.80	5.4	2.0	1.5	10.5	17	<0.1	0.3	0.2	53	0.19	0.044
1066032	Soil		1.7	16.7	9.5	53	<0.1	20.0	9.5	366	3.54	8.8	1.4	1.3	11.6	16	0.1	0.4	0.2	71	0.18	0.051
1066033	Soil		1.8	17.4	9.2	50	<0.1	18.2	8.8	310	3.38	9.2	1.2	1.2	9.0	12	0.1	0.4	0.2	74	0.15	0.049
1066011	Soil		1.1	27.4	5.9	57	<0.1	24.2	14.2	335	3.07	5.7	0.9	0.9	2.8	20	<0.1	0.2	0.1	63	0.35	0.085
1066010	Soil		0.9	26.7	6.6	89	<0.1	31.1	22.0	751	4.95	5.0	0.9	1.4	5.6	16	0.1	0.2	<0.1	104	0.28	0.093
1066025	Soil		0.3	22.3	2.6	60	<0.1	35.9	28.7	608	6.04	1.7	1.0	<0.5	12.7	13	<0.1	<0.1	<0.1	134	0.28	0.037
1066023	Soil		1.0	15.0	7.3	51	<0.1	24.6	15.3	337	4.14	9.2	0.6	1.1	6.2	11	0.1	0.4	0.3	88	0.16	0.048
1066003	Soil		1.2	14.4	9.6	28	<0.1	7.8	3.2	101	2.16	5.5	0.8	1.3	5.2	7	<0.1	0.4	0.2	60	0.06	0.026
1066002	Soil		0.9	19.5	8.5	53	<0.1	18.4	9.6	346	2.84	7.1	1.8	1.8	13.7	13	0.1	0.4	0.2	57	0.17	0.038
1066004	Soil		0.7	11.4	7.2	66	<0.1	15.8	10.2	398	3.64	4.3	1.2	0.6	16.1	13	0.1	0.2	0.1	57	0.17	0.027
1066001	Soil		0.7	16.3	8.1	71	<0.1	18.5	9.5	402	3.79	5.2	1.8	4.1	15.5	13	<0.1	0.3	0.2	59	0.19	0.049
1066006	Soil		0.9	13.9	8.1	45	<0.1	17.9	8.1	232	2.77	6.4	1.0	2.7	4.7	16	<0.1	0.4	0.2	70	0.18	0.036
1066015	Soil		1.0	12.8	5.6	39	<0.1	17.3	11.6	218	3.58	4.6	1.0	2.8	7.8	8	<0.1	0.3	0.2	107	0.13	0.030
1066014	Soil		0.6	29.0	8.3	55	0.1	24.0	10.7	258	2.60	5.9	1.2	5.4	3.1	20	<0.1	0.3	0.2	62	0.30	0.055
1066005	Soil		0.9	21.6	9.9	58	<0.1	25.0	12.5	321	3.09	8.4	1.7	2.8	14.3	16	<0.1	0.5	0.2	69	0.17	0.036
1066009	Soil		0.8	10.7	6.4	31	<0.1	8.1	4.5	159	2.07	2.7	0.4	2.5	0.3	12	0.1	0.3	0.2	54	0.12	0.045
1066008	Soil		0.9	15.5	3.1	131	<0.1	25.2	29.4	634	6.56	1.7	0.5	1.4	2.8	16	<0.1	<0.1	<0.1	166	0.40	0.138
1066012	Soil		1.0	26.5	8.6	54	<0.1	22.2	12.0	295	3.31	7.2	1.2	3.7	3.2	19	<0.1	0.3	0.2	85	0.24	0.048
1066007	Soil		1.0	16.1	3.1	127	<0.1	22.3	25.7	591	6.33	1.6	0.5	2.9	2.9	14	<0.1	0.1	<0.1	153	0.38	0.128
1066026	Soil		1.1	12.1	9.3	32	<0.1	12.4	6.7	220	3.14	6.5	0.5	2.2	4.0	10	<0.1	0.4	0.2	91	0.11	0.035

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Project: ECH
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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1033667	Soil	73	9	0.83	157	0.139	<1	2.22	0.017	0.86	<0.1	0.01	1.8	0.5	<0.05	8	<0.5	<0.2
1033673	Soil	43	15	0.61	71	0.113	<1	1.75	0.009	0.36	<0.1	0.02	1.9	0.2	<0.05	8	<0.5	<0.2
1033677	Soil	13	17	0.63	104	0.166	<1	2.22	0.009	0.64	0.1	0.01	2.1	0.6	<0.05	8	<0.5	<0.2
1033670	Soil	72	26	1.40	186	0.154	<1	2.72	0.017	1.01	0.2	<0.01	4.5	0.6	<0.05	14	<0.5	<0.2
1033671	Soil	70	19	0.60	114	0.118	<1	1.91	0.012	0.66	0.1	0.01	4.0	0.3	<0.05	11	<0.5	<0.2
1033661	Soil	17	28	0.59	85	0.145	<1	1.88	0.018	0.33	0.1	0.03	2.7	0.3	<0.05	11	<0.5	<0.2
1033663	Soil	42	45	1.79	245	0.211	<1	3.27	0.013	1.23	0.1	<0.01	5.5	0.8	<0.05	11	<0.5	<0.2
1033665	Soil	12	7	0.12	167	0.018	<1	1.41	0.045	0.11	<0.1	0.01	0.7	<0.1	<0.05	2	<0.5	<0.2
1066030	Soil	34	29	0.57	155	0.097	<1	1.88	0.012	0.16	0.1	0.03	2.8	0.2	<0.05	7	<0.5	<0.2
1066031	Soil	7	8	0.07	50	0.028	<1	0.52	0.014	0.03	<0.1	0.02	0.3	<0.1	<0.05	4	<0.5	<0.2
1066034	Soil	39	31	0.58	159	0.106	<1	1.85	0.012	0.15	0.1	0.04	3.4	0.2	<0.05	7	<0.5	<0.2
1066032	Soil	27	36	0.55	172	0.107	<1	2.25	0.011	0.15	0.2	0.03	3.0	0.2	<0.05	8	<0.5	<0.2
1066033	Soil	22	33	0.44	149	0.086	<1	2.04	0.009	0.13	0.2	0.02	2.8	0.1	<0.05	9	<0.5	<0.2
1066011	Soil	10	42	0.70	256	0.107	<1	1.86	0.013	0.25	0.2	0.02	3.0	0.2	<0.05	6	<0.5	<0.2
1066010	Soil	11	57	1.28	340	0.215	<1	2.48	0.012	0.86	0.2	0.01	5.5	0.3	<0.05	11	<0.5	<0.2
1066025	Soil	19	129	2.22	465	0.436	<1	3.62	0.016	0.93	0.6	0.01	6.5	0.5	<0.05	16	<0.5	<0.2
1066023	Soil	8	48	0.71	116	0.099	<1	2.99	0.008	0.12	0.2	0.02	4.6	0.1	<0.05	8	<0.5	<0.2
1066003	Soil	8	16	0.15	59	0.069	<1	1.03	0.007	0.07	0.2	0.04	1.7	0.1	0.05	8	<0.5	<0.2
1066002	Soil	34	27	0.51	140	0.077	<1	1.88	0.009	0.13	0.2	0.02	3.7	0.1	<0.05	7	<0.5	<0.2
1066004	Soil	27	27	1.06	180	0.131	<1	2.20	0.008	0.44	0.2	0.01	4.3	0.2	<0.05	10	<0.5	<0.2
1066001	Soil	60	28	0.73	190	0.150	<1	2.26	0.008	0.42	0.3	0.02	5.8	0.2	<0.05	10	0.8	<0.2
1066006	Soil	17	32	0.47	130	0.083	1	1.73	0.011	0.10	0.1	0.03	2.8	0.1	<0.05	7	0.6	<0.2
1066015	Soil	11	55	0.85	126	0.259	<1	2.00	0.011	0.20	0.2	0.05	3.2	0.1	<0.05	10	0.6	<0.2
1066014	Soil	14	35	0.55	259	0.083	<1	1.78	0.010	0.10	0.2	0.03	3.4	0.1	<0.05	6	<0.5	<0.2
1066005	Soil	31	39	0.55	172	0.085	<1	2.29	0.010	0.11	0.2	0.04	4.7	0.2	<0.05	7	0.6	<0.2
1066009	Soil	7	15	0.22	103	0.085	<1	0.91	0.009	0.16	<0.1	0.03	1.1	0.1	<0.05	7	0.7	<0.2
1066008	Soil	15	48	1.72	359	0.470	<1	3.64	0.014	1.14	0.3	0.03	6.3	0.5	<0.05	15	<0.5	<0.2
1066012	Soil	16	40	0.67	220	0.112	2	2.11	0.011	0.16	0.1	0.04	3.4	0.2	<0.05	8	0.6	<0.2
1066007	Soil	16	44	1.62	374	0.448	<1	3.54	0.012	1.07	0.3	0.03	6.2	0.5	<0.05	14	<0.5	<0.2
1066026	Soil	9	29	0.34	102	0.130	<1	1.51	0.007	0.12	0.2	0.02	2.3	0.1	<0.05	9	0.7	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1066018	Soil	0.5	16.8	5.7	62	<0.1	19.8	15.8	435	3.60	3.5	0.8	5.0	3.7	16	<0.1	0.3	0.1	92	0.33	0.083
1066016	Soil	1.2	18.1	10.1	42	<0.1	16.8	9.1	247	3.08	7.1	1.1	3.1	5.0	17	<0.1	0.5	0.2	79	0.16	0.029
1066020	Soil	0.9	20.2	6.4	48	<0.1	21.3	14.9	297	4.01	4.5	0.6	2.9	3.5	12	<0.1	0.4	0.1	106	0.18	0.041
1066017	Soil	1.1	10.6	9.6	37	<0.1	11.0	6.6	178	3.49	5.5	0.4	1.4	2.4	10	<0.1	0.5	0.2	103	0.13	0.027
1066021	Soil	0.6	14.0	5.0	61	<0.1	20.9	25.2	592	5.88	4.7	0.8	1.9	7.2	13	<0.1	0.3	<0.1	143	0.16	0.021
1066019	Soil	0.6	31.9	7.8	65	<0.1	25.5	14.8	432	3.34	6.5	1.0	3.1	4.7	27	0.1	0.4	0.2	85	0.41	0.079
1066022	Soil	1.1	15.5	9.2	41	<0.1	19.4	9.6	163	3.40	6.5	0.6	1.4	3.2	11	<0.1	0.6	0.2	94	0.15	0.036
1066027	Soil	0.4	15.2	3.5	53	<0.1	33.0	24.4	541	4.97	2.4	0.7	2.5	5.1	11	<0.1	0.2	0.1	120	0.27	0.055
1066024	Soil	0.7	23.6	6.0	59	<0.1	26.1	13.7	455	2.95	5.0	0.9	2.6	4.8	20	0.2	0.4	0.1	71	0.36	0.074
1066013	Soil	0.7	24.2	8.5	53	<0.1	21.0	9.8	217	2.53	5.4	1.2	6.6	2.5	20	<0.1	0.4	0.2	63	0.27	0.072
1066029	Soil	0.7	19.0	6.9	54	<0.1	18.5	11.5	351	3.60	5.3	1.6	2.1	18.6	12	<0.1	0.3	0.2	61	0.20	0.054
1066028	Soil	0.8	22.6	6.9	58	<0.1	24.2	15.6	418	3.89	6.0	1.6	1.7	9.0	21	0.1	0.3	0.2	89	0.32	0.054
1066037	Soil	0.9	18.1	6.6	52	<0.1	20.8	10.8	318	2.90	4.7	1.5	3.6	11.6	16	<0.1	0.3	0.2	54	0.30	0.056
1066039	Soil	1.0	15.2	8.1	53	<0.1	21.5	10.1	275	3.10	6.5	1.2	1.7	10.2	16	<0.1	0.3	0.2	63	0.26	0.040
1066040	Soil	1.6	18.0	8.2	60	<0.1	26.1	11.7	357	3.50	7.2	1.9	1.1	14.7	19	<0.1	0.3	0.2	64	0.37	0.044
1066036	Soil	0.9	19.0	8.1	54	<0.1	22.3	10.5	302	3.10	6.6	2.0	2.1	12.5	19	<0.1	0.3	0.1	62	0.31	0.036
1066038	Soil	0.9	19.7	6.4	56	<0.1	37.8	13.0	351	3.48	5.3	2.0	2.0	17.9	22	0.1	0.2	0.2	58	0.43	0.067
1066041	Soil	1.7	31.1	13.3	65	<0.1	25.2	15.9	447	4.48	5.1	3.1	<0.5	20.0	17	<0.1	0.3	0.5	64	0.32	0.064
1066042	Soil	1.4	22.3	8.9	53	<0.1	20.8	16.6	287	3.90	7.2	1.7	1.3	14.8	16	0.1	0.3	0.2	65	0.24	0.039
1066043	Soil	1.8	18.2	9.4	60	<0.1	26.9	16.4	347	4.67	4.3	1.5	<0.5	11.7	12	0.1	0.2	0.3	81	0.23	0.079
1066044	Soil	1.8	14.4	6.7	53	<0.1	20.8	15.3	360	5.20	3.4	1.6	<0.5	17.9	12	<0.1	0.2	0.4	84	0.25	0.074
1066045	Soil	0.9	17.4	7.9	50	<0.1	21.0	14.0	361	3.68	4.7	2.6	<0.5	19.4	18	<0.1	0.2	0.2	62	0.31	0.053
1066051	Soil	1.5	12.4	15.5	67	<0.1	15.0	10.5	598	4.05	6.1	1.4	<0.5	12.6	10	0.2	0.2	0.2	65	0.20	0.104
1066050	Soil	1.3	11.0	12.5	67	<0.1	13.7	15.1	1127	3.58	3.1	3.1	<0.5	21.8	13	0.2	0.2	0.2	43	0.35	0.134
1066048	Soil	0.7	17.8	7.8	51	<0.1	17.5	10.4	248	3.12	4.7	1.8	0.9	15.1	19	<0.1	0.3	0.2	50	0.36	0.067
1066052	Soil	1.1	15.6	15.2	54	<0.1	16.5	8.9	253	3.40	4.7	1.8	0.8	22.4	16	<0.1	0.3	0.2	47	0.23	0.047
1066046	Soil	0.9	14.0	8.6	48	<0.1	18.6	11.2	365	3.29	4.5	3.1	2.2	20.5	17	<0.1	0.2	0.2	51	0.38	0.065
1066049	Soil	0.9	18.9	6.6	69	<0.1	21.2	11.5	306	3.90	2.7	3.3	<0.5	37.3	18	0.2	0.2	0.2	38	0.48	0.152
1066047	Soil	1.0	9.6	8.4	43	<0.1	13.5	7.4	155	2.84	4.7	1.3	1.1	14.6	17	<0.1	0.3	0.2	47	0.37	0.052
1066053	Soil	0.9	22.5	10.0	46	<0.1	19.5	10.6	256	3.40	5.8	1.4	0.7	19.8	19	<0.1	0.3	0.1	63	0.28	0.052

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600 - 666 Burrard St.
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Project: ECH
Report Date: August 09, 2011

CERTIFICATE OF ANALYSIS WHI11000606.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1066018	Soil	11	35	1.08	239	0.211	<1	2.06	0.017	0.53	0.1	0.02	3.2	0.3	<0.05	8	<0.5	<0.2
1066016	Soil	13	30	0.40	197	0.089	<1	2.07	0.009	0.07	0.1	0.03	3.7	<0.1	<0.05	7	<0.5	<0.2
1066020	Soil	6	43	1.00	160	0.228	1	2.28	0.011	0.27	0.2	0.04	3.0	0.2	<0.05	10	0.8	<0.2
1066017	Soil	8	22	0.36	128	0.152	<1	1.63	0.008	0.09	0.2	0.02	2.2	0.1	<0.05	10	<0.5	<0.2
1066021	Soil	10	26	1.72	197	0.400	<1	3.64	0.012	1.25	0.2	0.03	5.2	0.4	<0.05	12	0.6	<0.2
1066019	Soil	13	44	0.91	370	0.166	<1	1.87	0.013	0.38	0.2	0.02	4.6	0.2	<0.05	7	0.6	<0.2
1066022	Soil	8	42	0.44	123	0.126	1	2.33	0.009	0.07	0.2	0.02	3.0	0.1	<0.05	9	1.0	<0.2
1066027	Soil	8	100	1.68	219	0.320	<1	2.91	0.014	0.93	0.2	0.02	4.9	0.4	<0.05	12	<0.5	<0.2
1066024	Soil	14	45	0.84	230	0.128	<1	1.57	0.014	0.20	0.2	0.01	3.4	0.1	<0.05	5	<0.5	<0.2
1066013	Soil	16	33	0.51	183	0.081	<1	1.71	0.010	0.10	0.2	0.04	2.9	0.1	<0.05	6	0.6	<0.2
1066029	Soil	31	31	0.72	195	0.124	<1	2.34	0.011	0.28	0.1	0.02	3.3	0.2	<0.05	8	<0.5	<0.2
1066028	Soil	19	42	1.00	304	0.189	<1	2.24	0.014	0.30	0.2	0.02	4.9	0.2	<0.05	9	0.6	<0.2
1066037	Soil	30	34	0.61	196	0.105	<1	1.78	0.010	0.17	0.1	0.02	3.7	0.1	<0.05	6	<0.5	<0.2
1066039	Soil	21	38	0.67	170	0.124	<1	2.12	0.010	0.19	0.1	0.02	3.7	0.2	<0.05	8	<0.5	<0.2
1066040	Soil	30	48	0.71	201	0.126	<1	2.26	0.011	0.23	0.1	0.02	4.5	0.2	<0.05	8	<0.5	<0.2
1066036	Soil	27	37	0.65	202	0.118	<1	2.12	0.013	0.14	0.2	0.03	4.3	0.2	<0.05	7	<0.5	<0.2
1066038	Soil	49	65	0.97	245	0.142	1	2.25	0.011	0.33	0.2	0.02	4.5	0.3	<0.05	7	<0.5	<0.2
1066041	Soil	43	41	0.90	225	0.202	<1	2.52	0.010	0.73	0.2	0.02	4.4	0.6	<0.05	9	<0.5	<0.2
1066042	Soil	30	38	0.65	204	0.135	1	2.53	0.011	0.34	0.2	0.02	4.1	0.3	<0.05	8	<0.5	<0.2
1066043	Soil	24	54	1.05	163	0.220	1	3.01	0.011	0.72	0.2	0.03	4.9	0.5	<0.05	11	<0.5	<0.2
1066044	Soil	28	45	1.12	149	0.226	<1	2.89	0.010	0.88	0.2	0.02	5.7	0.7	<0.05	11	<0.5	<0.2
1066045	Soil	56	38	0.78	262	0.160	<1	2.34	0.012	0.35	0.2	0.02	5.2	0.3	<0.05	8	<0.5	<0.2
1066051	Soil	27	26	0.41	109	0.061	<1	1.89	0.008	0.22	<0.1	<0.01	2.9	0.1	<0.05	11	<0.5	<0.2
1066050	Soil	76	21	0.30	134	0.079	<1	1.42	0.009	0.38	0.1	0.01	3.8	0.2	<0.05	7	<0.5	<0.2
1066048	Soil	37	30	0.74	237	0.133	<1	1.97	0.014	0.30	0.2	0.02	3.8	0.3	<0.05	7	<0.5	<0.2
1066052	Soil	56	26	0.32	160	0.037	<1	1.74	0.008	0.10	<0.1	<0.01	3.3	0.1	<0.05	5	<0.5	<0.2
1066046	Soil	51	31	0.77	258	0.145	<1	2.14	0.011	0.38	0.2	0.03	4.2	0.3	<0.05	7	<0.5	<0.2
1066049	Soil	88	26	0.65	189	0.081	<1	1.72	0.010	0.39	0.1	0.01	4.6	0.2	<0.05	7	<0.5	<0.2
1066047	Soil	30	23	0.55	165	0.113	<1	1.90	0.011	0.24	0.2	0.01	2.3	0.2	<0.05	7	<0.5	<0.2
1066053	Soil	91	34	0.69	199	0.098	<1	2.25	0.012	0.17	0.1	0.02	5.3	0.2	<0.05	8	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1066055	Soil		0.5	20.2	10.5	52	<0.1	16.1	9.3	307	3.51	5.3	1.1	1.0	28.5	14	<0.1	0.2	0.2	40	0.25	0.063
1066054	Soil		0.6	21.0	10.8	54	<0.1	15.4	9.3	341	3.45	4.6	1.3	0.9	35.9	16	<0.1	0.3	0.3	36	0.31	0.094
1066056	Soil		0.9	11.1	11.4	56	<0.1	10.3	10.7	548	3.59	2.5	1.2	0.7	22.7	13	0.1	0.1	0.2	42	0.30	0.143
1066058	Soil		1.4	10.5	14.8	68	<0.1	14.8	9.0	488	3.12	4.2	1.4	1.4	23.4	12	0.1	0.2	0.2	43	0.25	0.126
1066060	Soil		0.6	13.8	9.5	64	<0.1	14.4	7.8	245	3.19	3.8	1.0	<0.5	18.1	8	<0.1	0.2	0.2	46	0.18	0.074
1066057	Soil		1.2	15.3	9.2	54	<0.1	17.0	12.8	312	3.75	3.6	2.1	<0.5	23.3	9	<0.1	0.1	0.7	47	0.19	0.106
1066062	Soil		0.2	18.2	7.8	66	<0.1	13.8	10.3	317	3.79	1.5	2.7	<0.5	36.7	18	<0.1	<0.1	0.1	46	0.50	0.164
1066059	Soil		1.0	24.9	9.3	51	<0.1	23.5	11.4	320	3.29	7.6	1.4	1.9	21.6	13	0.1	0.4	0.2	61	0.16	0.047
1066061	Soil		0.3	21.4	9.6	69	<0.1	13.1	7.6	268	3.80	2.2	2.9	<0.5	46.1	20	<0.1	0.1	0.2	38	0.49	0.154
1066063	Soil		0.5	12.2	7.3	80	<0.1	14.0	8.9	188	4.13	2.6	3.4	<0.5	27.4	26	<0.1	0.1	0.2	44	0.53	0.171
1066064	Soil		0.4	8.0	12.3	74	<0.1	13.7	11.0	320	3.72	3.4	3.2	<0.5	35.7	13	0.1	0.1	0.2	46	0.33	0.148
1066065	Soil		0.3	17.8	8.8	65	<0.1	27.7	13.4	300	3.95	2.8	2.7	<0.5	20.1	28	<0.1	0.1	0.1	68	0.52	0.118
1066066	Soil		0.1	11.7	5.4	77	<0.1	51.7	22.1	578	4.92	0.9	2.7	<0.5	14.9	44	<0.1	<0.1	<0.1	75	0.97	0.189
1066068	Soil		0.4	15.1	7.3	50	<0.1	14.8	7.1	189	2.60	3.2	2.0	1.0	24.4	20	0.1	0.2	0.1	39	0.45	0.128
1066067	Soil		0.1	14.7	5.6	76	<0.1	51.3	21.1	502	4.89	1.5	2.6	<0.5	15.9	40	<0.1	<0.1	0.1	75	0.83	0.167
1066069	Soil		0.8	24.1	10.2	61	<0.1	20.5	8.6	258	2.63	5.9	1.8	<0.5	9.1	27	0.2	0.4	0.1	51	0.48	0.071
1064507	Soil		2.7	13.5	7.6	60	<0.1	11.3	6.9	313	2.66	4.6	9.3	1.4	80.1	9	<0.1	0.2	0.3	37	0.11	0.022
1064509	Soil		0.9	20.4	8.0	69	<0.1	16.7	8.9	303	3.11	6.1	12.6	1.6	64.8	14	<0.1	0.3	0.3	55	0.18	0.028
1064501	Soil		0.9	13.0	7.2	53	<0.1	12.6	5.7	232	2.16	3.6	4.5	1.5	31.0	8	<0.1	0.2	0.3	35	0.12	0.026
1064502	Soil		0.9	16.3	9.2	61	<0.1	18.2	7.4	259	2.96	7.9	3.5	2.7	44.1	11	<0.1	0.3	0.3	53	0.15	0.019
1064504	Soil		1.3	9.3	8.0	61	<0.1	9.8	4.4	210	2.19	3.7	3.9	<0.5	49.1	7	<0.1	0.2	0.3	30	0.09	0.016
1064503	Soil		0.8	15.3	8.9	61	<0.1	17.1	6.9	258	2.84	7.4	3.4	3.5	41.5	10	<0.1	0.3	0.3	51	0.14	0.019
1064506	Soil		1.0	14.7	7.0	58	<0.1	13.6	8.3	259	2.42	3.5	8.1	0.6	34.3	8	<0.1	0.2	0.2	39	0.10	0.019
1064505	Soil		1.7	10.3	8.0	54	<0.1	9.5	5.6	211	2.09	3.8	7.9	1.8	45.5	9	<0.1	0.2	0.3	34	0.12	0.019
1064514	Soil		0.8	25.0	13.0	46	<0.1	17.2	7.2	140	2.73	7.7	3.1	2.3	10.7	18	<0.1	0.3	0.3	57	0.19	0.033
1064508	Soil		1.2	9.7	7.3	62	<0.1	5.4	5.1	330	2.53	4.0	8.3	0.6	65.1	5	<0.1	0.1	0.4	35	0.04	0.038
1064512	Soil		0.7	15.7	8.0	49	<0.1	15.5	7.3	166	2.46	5.9	4.4	1.4	32.0	17	<0.1	0.3	0.4	50	0.18	0.014
1064510	Soil		0.5	7.2	7.2	57	<0.1	5.0	5.2	290	2.72	2.8	4.0	<0.5	81.7	4	<0.1	0.1	0.2	27	0.02	0.014
1064511	Soil		0.5	7.0	6.6	53	<0.1	4.9	4.5	269	2.61	3.0	3.7	<0.5	75.1	4	<0.1	<0.1	0.3	29	0.02	0.014
1064513	Soil		0.7	13.8	9.4	85	<0.1	9.5	9.2	404	3.36	4.6	7.3	<0.5	99.2	8	<0.1	0.2	0.5	36	0.03	0.024

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1066055	Soil		33	24	0.46	164	0.056	<1	2.12	0.008	0.21	<0.1	0.01	3.4	0.3	<0.05	9	<0.5	<0.2
1066054	Soil		46	23	0.50	184	0.055	<1	2.09	0.008	0.22	<0.1	<0.01	3.8	0.2	<0.05	9	<0.5	<0.2
1066056	Soil		52	16	0.44	167	0.038	<1	1.95	0.008	0.26	<0.1	<0.01	2.4	0.2	<0.05	11	<0.5	<0.2
1066058	Soil		28	27	0.47	102	0.041	<1	2.17	0.010	0.17	0.1	<0.01	2.9	0.1	<0.05	9	<0.5	<0.2
1066060	Soil		35	24	0.55	77	0.060	<1	1.85	0.009	0.19	0.1	<0.01	2.7	0.2	<0.05	10	<0.5	<0.2
1066057	Soil		57	27	0.58	114	0.031	<1	2.49	0.007	0.24	0.1	0.02	3.2	0.2	<0.05	9	<0.5	<0.2
1066062	Soil		77	23	0.80	140	0.141	<1	2.21	0.010	0.73	0.1	<0.01	4.8	0.4	<0.05	12	<0.5	<0.2
1066059	Soil		42	37	0.47	166	0.073	<1	2.83	0.010	0.12	0.1	0.05	3.7	0.1	<0.05	8	<0.5	<0.2
1066061	Soil		90	22	0.73	170	0.107	<1	2.06	0.010	0.59	<0.1	<0.01	5.0	0.4	<0.05	12	<0.5	<0.2
1066063	Soil		53	18	0.73	192	0.042	<1	2.08	0.009	0.43	<0.1	0.01	5.1	0.2	<0.05	10	<0.5	<0.2
1066064	Soil		53	23	0.44	131	0.130	<1	2.32	0.009	0.64	<0.1	<0.01	4.1	0.4	<0.05	12	<0.5	<0.2
1066065	Soil		54	56	1.28	213	0.151	<1	2.59	0.011	0.64	0.1	<0.01	4.8	0.4	<0.05	9	<0.5	<0.2
1066066	Soil		32	104	2.15	302	0.150	<1	3.13	0.010	1.12	<0.1	0.01	5.7	0.7	<0.05	11	<0.5	<0.2
1066068	Soil		48	22	0.41	176	0.068	<1	1.44	0.010	0.23	<0.1	<0.01	3.1	0.1	<0.05	6	<0.5	<0.2
1066067	Soil		38	114	2.04	311	0.152	<1	3.10	0.009	0.97	<0.1	0.01	6.1	0.5	<0.05	11	<0.5	<0.2
1066069	Soil		23	30	0.52	256	0.083	<1	1.68	0.015	0.11	0.1	0.04	3.4	0.1	<0.05	6	<0.5	<0.2
1064507	Soil		74	21	0.25	119	0.047	<1	1.74	0.006	0.12	0.6	<0.01	2.6	0.2	<0.05	8	<0.5	<0.2
1064509	Soil		87	30	0.40	195	0.085	<1	2.04	0.010	0.21	0.4	0.02	4.7	0.2	<0.05	9	<0.5	<0.2
1064501	Soil		95	22	0.28	75	0.056	2	1.25	0.006	0.10	0.3	0.01	2.8	0.2	<0.05	6	0.6	<0.2
1064502	Soil		50	30	0.44	153	0.070	2	2.10	0.008	0.10	0.2	0.02	3.8	0.2	<0.05	8	<0.5	<0.2
1064504	Soil		48	16	0.19	90	0.042	1	1.43	0.006	0.09	0.5	<0.01	2.3	0.1	<0.05	7	<0.5	<0.2
1064503	Soil		44	28	0.41	134	0.068	1	2.02	0.009	0.09	0.3	0.02	3.6	0.2	<0.05	7	<0.5	<0.2
1064506	Soil		60	21	0.34	98	0.060	1	1.60	0.006	0.12	0.3	0.01	3.0	0.1	<0.05	7	<0.5	<0.2
1064505	Soil		70	20	0.25	78	0.055	1	1.27	0.011	0.14	0.5	0.03	2.9	0.2	<0.05	7	<0.5	<0.2
1064514	Soil		29	36	0.32	212	0.046	<1	2.13	0.008	0.07	0.3	0.04	4.1	0.2	<0.05	8	<0.5	<0.2
1064508	Soil		81	12	0.13	81	0.052	<1	1.29	0.006	0.21	0.9	0.01	2.0	0.3	<0.05	11	<0.5	<0.2
1064512	Soil		37	28	0.42	197	0.055	1	1.90	0.008	0.08	0.3	0.03	4.0	0.1	<0.05	7	<0.5	<0.2
1064510	Soil		49	8	0.23	76	0.084	<1	1.59	0.005	0.45	0.6	<0.01	2.6	0.3	<0.05	13	<0.5	<0.2
1064511	Soil		45	8	0.25	72	0.086	1	1.60	0.006	0.43	0.5	<0.01	2.5	0.4	<0.05	14	<0.5	<0.2
1064513	Soil		141	17	0.20	117	0.085	<1	2.06	0.008	0.37	0.6	0.01	3.7	0.5	<0.05	14	<0.5	<0.2

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

Project: ECH
Report Date: August 09, 2011

CERTIFICATE OF ANALYSIS WHI11000606.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1064516	Soil	0.6	23.7	9.6	50	<0.1	18.2	7.8	206	2.80	6.5	9.2	3.3	19.4	18	<0.1	0.4	0.2	62	0.23	0.044
1064518	Soil	0.7	12.4	7.6	63	<0.1	10.8	10.9	498	3.29	4.7	5.1	<0.5	67.7	8	0.1	0.2	0.3	44	0.06	0.031
1064515	Soil	0.7	12.3	11.9	55	<0.1	10.9	6.5	146	2.23	4.5	6.7	1.9	62.9	10	0.1	0.2	0.3	42	0.11	0.028
1064517	Soil	0.7	10.6	8.0	47	<0.1	10.3	6.3	230	2.49	4.8	4.7	1.3	46.0	9	<0.1	0.2	0.2	43	0.09	0.022
1064519	Soil	0.5	14.8	9.0	47	<0.1	18.4	9.4	138	2.94	4.3	1.8	1.3	22.0	12	<0.1	0.2	0.2	59	0.15	0.019
1064520	Soil	0.6	12.8	6.4	38	<0.1	18.9	9.2	297	2.65	4.3	1.0	1.3	10.1	15	<0.1	0.2	0.1	58	0.25	0.039
1064521	Soil	0.4	12.3	5.1	37	<0.1	22.0	10.2	292	2.56	3.1	0.9	0.7	8.6	18	<0.1	0.2	0.1	62	0.33	0.039
1064522	Soil	0.9	7.8	9.0	30	<0.1	18.7	7.7	156	2.67	6.9	0.6	<0.5	6.5	11	<0.1	0.3	0.2	67	0.14	0.026
1064523	Soil	0.9	13.7	8.5	44	<0.1	20.1	9.6	275	3.26	7.3	0.7	1.9	9.7	10	0.1	0.4	0.2	74	0.14	0.027
1064525	Soil	0.8	22.4	8.7	39	0.1	14.5	5.8	216	2.29	5.6	1.4	1.6	0.8	17	0.1	0.2	0.2	54	0.20	0.054
1064524	Soil	1.2	18.6	11.1	46	<0.1	23.9	11.6	371	3.70	7.9	0.7	1.1	9.5	12	<0.1	0.3	0.3	77	0.15	0.036
1064526	Soil	0.9	17.0	7.6	43	<0.1	20.5	10.1	291	2.70	3.8	1.7	6.4	13.7	13	<0.1	0.2	0.3	53	0.23	0.041
1064528	Soil	0.8	15.3	7.6	47	<0.1	19.4	8.7	210	2.61	4.8	1.3	2.3	12.2	16	<0.1	0.3	0.2	56	0.30	0.049
1064527	Soil	0.7	13.5	7.0	47	<0.1	19.9	10.3	330	2.68	4.0	1.3	0.7	10.0	13	0.1	0.2	0.2	58	0.23	0.051
1064534	Soil	0.9	17.7	8.6	54	0.1	17.8	8.1	234	2.51	4.9	3.0	2.6	12.6	19	0.2	0.2	0.2	52	0.31	0.046

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Project: ECH
Report Date: August 09, 2011

CERTIFICATE OF ANALYSIS WHI11000606.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1064516	Soil	27	36	0.48	215	0.064	1	2.04	0.009	0.06	0.3	0.03	5.7	0.1	<0.05	7	0.5	<0.2
1064518	Soil	54	22	0.31	92	0.070	<1	1.92	0.007	0.30	0.4	<0.01	2.8	0.3	<0.05	13	<0.5	<0.2
1064515	Soil	74	21	0.21	165	0.036	<1	1.76	0.006	0.10	0.4	0.02	3.3	0.1	<0.05	9	0.7	<0.2
1064517	Soil	47	22	0.26	116	0.050	<1	1.65	0.007	0.13	0.3	0.01	2.7	0.2	<0.05	9	<0.5	<0.2
1064519	Soil	32	34	0.58	144	0.071	1	2.63	0.008	0.09	0.3	0.01	3.8	0.2	<0.05	9	<0.5	<0.2
1064520	Soil	24	38	0.74	180	0.098	<1	1.76	0.010	0.10	0.3	0.01	3.9	0.1	<0.05	7	<0.5	<0.2
1064521	Soil	29	47	0.96	233	0.109	<1	1.58	0.011	0.18	0.3	0.01	4.5	0.1	<0.05	7	<0.5	<0.2
1064522	Soil	9	49	0.43	197	0.089	<1	2.18	0.010	0.10	0.2	0.02	3.2	0.1	<0.05	8	<0.5	<0.2
1064523	Soil	15	38	0.69	139	0.085	2	2.39	0.009	0.08	0.2	0.01	4.5	0.1	<0.05	8	<0.5	<0.2
1064525	Soil	23	27	0.25	213	0.028	1	1.73	0.014	0.08	0.1	0.04	2.0	<0.1	<0.05	7	<0.5	<0.2
1064524	Soil	15	51	0.70	186	0.064	1	2.61	0.007	0.07	0.1	0.02	4.0	0.1	<0.05	9	<0.5	<0.2
1064526	Soil	42	37	0.82	134	0.086	<1	1.71	0.008	0.17	0.2	0.02	3.3	0.2	<0.05	7	<0.5	<0.2
1064528	Soil	26	35	0.71	148	0.088	<1	1.85	0.009	0.11	0.2	0.01	3.5	0.2	<0.05	6	<0.5	<0.2
1064527	Soil	23	37	0.77	113	0.088	1	1.85	0.011	0.16	0.2	0.02	3.3	0.2	<0.05	7	<0.5	<0.2
1064534	Soil	26	30	0.56	296	0.067	<1	2.00	0.011	0.08	0.2	0.04	3.9	0.1	<0.05	7	<0.5	<0.2

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Project: ECH
Report Date: August 09, 2011

QUALITY CONTROL REPORT WHI11000606.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1067318	Soil	1.2	17.7	15.0	60	<0.1	17.8	10.5	298	3.03	5.4	1.2	1.9	9.3	16	0.2	0.3	0.1	69	0.25	0.049
REP 1067318	QC	1.1	18.8	14.9	62	<0.1	17.2	10.6	299	3.03	5.7	1.1	2.1	9.4	16	0.2	0.3	0.1	68	0.24	0.050
1067323	Soil	1.2	7.2	9.9	39	0.1	5.4	3.6	152	2.18	2.7	0.2	<0.5	1.3	11	0.2	0.2	0.1	78	0.14	0.037
REP 1067323	QC	1.2	7.3	9.9	40	0.1	4.9	3.6	153	2.19	2.7	0.2	<0.5	1.3	10	0.2	0.2	0.1	78	0.13	0.036
1033656	Soil	0.2	18.3	9.9	37	<0.1	8.8	7.2	266	2.84	0.6	2.6	<0.5	28.0	27	0.1	<0.1	0.2	25	0.45	0.136
REP 1033656	QC	0.1	17.2	9.2	35	<0.1	7.7	6.9	258	2.71	0.5	2.4	2.4	27.4	27	0.1	<0.1	0.2	24	0.42	0.125
1033655	Soil	0.1	14.1	8.6	34	<0.1	7.0	6.2	203	2.56	0.5	2.7	<0.5	29.8	28	0.1	<0.1	0.2	22	0.47	0.136
REP 1033655	QC	0.2	14.4	8.2	35	<0.1	6.6	6.3	204	2.60	0.8	2.6	<0.5	28.9	28	<0.1	<0.1	0.2	21	0.46	0.136
1033676	Soil	<0.1	3.3	3.9	82	<0.1	21.3	22.9	510	6.22	1.8	5.3	<0.5	34.0	47	0.5	<0.1	0.2	124	0.46	0.135
REP 1033676	QC	<0.1	3.2	3.9	79	<0.1	20.7	22.7	504	6.08	1.8	5.2	0.9	32.6	45	0.4	<0.1	0.2	121	0.44	0.122
1066023	Soil	1.0	15.0	7.3	51	<0.1	24.6	15.3	337	4.14	9.2	0.6	1.1	6.2	11	0.1	0.4	0.3	88	0.16	0.048
REP 1066023	QC	1.0	15.7	7.0	50	<0.1	24.7	15.5	343	4.19	9.2	0.6	<0.5	5.9	11	<0.1	0.4	0.4	90	0.16	0.050
1066026	Soil	1.1	12.1	9.3	32	<0.1	12.4	6.7	220	3.14	6.5	0.5	2.2	4.0	10	<0.1	0.4	0.2	91	0.11	0.035
REP 1066026	QC	1.2	12.7	9.3	33	<0.1	13.4	7.1	215	3.25	6.3	0.5	2.3	4.1	10	<0.1	0.5	0.2	92	0.11	0.037
1066048	Soil	0.7	17.8	7.8	51	<0.1	17.5	10.4	248	3.12	4.7	1.8	0.9	15.1	19	<0.1	0.3	0.2	50	0.36	0.067
REP 1066048	QC	0.8	17.9	7.9	52	<0.1	17.3	10.4	221	3.16	4.7	1.8	1.7	15.0	19	<0.1	0.2	0.2	51	0.35	0.069
1066059	Soil	1.0	24.9	9.3	51	<0.1	23.5	11.4	320	3.29	7.6	1.4	1.9	21.6	13	0.1	0.4	0.2	61	0.16	0.047
REP 1066059	QC	0.8	25.2	9.1	49	<0.1	22.5	10.8	309	3.16	7.4	1.3	1.6	20.6	12	<0.1	0.3	0.2	58	0.16	0.046
1064510	Soil	0.5	7.2	7.2	57	<0.1	5.0	5.2	290	2.72	2.8	4.0	<0.5	81.7	4	<0.1	0.1	0.2	27	0.02	0.014
REP 1064510	QC	0.4	7.2	6.9	58	<0.1	5.0	5.2	289	2.74	2.7	4.3	0.8	85.0	4	<0.1	<0.1	0.3	27	0.02	0.014
Reference Materials																					
STD DS8	Standard	14.0	111.6	128.4	321	1.8	38.2	7.6	618	2.46	26.9	2.9	121.3	7.3	57	2.4	4.7	5.4	44	0.71	0.079
STD DS8	Standard	13.4	108.3	126.7	311	1.7	39.0	7.8	612	2.45	26.5	2.7	113.8	7.1	56	2.3	4.8	5.2	41	0.69	0.079
STD DS8	Standard	11.5	118.3	128.9	321	1.8	39.7	7.8	632	2.59	28.2	2.8	112.2	6.5	61	2.1	5.3	6.3	48	0.70	0.080
STD DS8	Standard	12.8	104.1	122.3	299	1.7	36.7	7.4	586	2.37	25.3	2.7	110.4	6.5	67	2.0	5.3	6.3	41	0.66	0.077
STD DS8	Standard	11.8	96.2	115.5	276	1.7	33.8	6.6	550	2.19	23.1	2.4	97.2	6.1	52	2.0	4.1	5.4	37	0.62	0.071
STD DS8	Standard	12.0	104.3	121.3	286	1.6	35.9	7.2	561	2.27	23.7	2.5	108.7	6.3	52	2.1	4.1	5.5	39	0.61	0.073
STD DS8	Standard	12.7	104.2	122.3	298	1.7	36.8	7.3	584	2.39	24.7	2.6	99.0	6.5	61	2.3	5.2	5.8	40	0.68	0.076

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QUALITY CONTROL REPORT WHI11000606.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1067318	Soil	15	33	0.74	215	0.118	<1	2.29	0.011	0.08	0.2	0.02	3.7	0.1	<0.05	7	<0.5	<0.2
REP 1067318	QC	15	33	0.74	214	0.121	<1	2.29	0.011	0.09	0.2	0.02	3.9	0.1	<0.05	7	<0.5	<0.2
1067323	Soil	5	13	0.30	65	0.138	<1	1.03	0.008	0.09	<0.1	<0.01	1.6	<0.1	<0.05	8	<0.5	<0.2
REP 1067323	QC	6	13	0.30	66	0.139	<1	1.03	0.009	0.09	<0.1	<0.01	1.7	<0.1	<0.05	8	<0.5	<0.2
1033656	Soil	57	14	0.57	126	0.120	<1	1.74	0.016	0.54	<0.1	0.01	3.2	0.4	<0.05	9	<0.5	<0.2
REP 1033656	QC	56	13	0.56	125	0.111	<1	1.67	0.015	0.53	<0.1	0.01	3.2	0.4	<0.05	9	<0.5	<0.2
1033655	Soil	67	11	0.56	111	0.101	<1	1.72	0.020	0.58	0.1	<0.01	2.8	0.4	<0.05	8	<0.5	<0.2
REP 1033655	QC	69	11	0.53	112	0.101	<1	1.73	0.017	0.55	<0.1	<0.01	2.9	0.4	<0.05	8	<0.5	<0.2
1033676	Soil	74	29	2.02	400	0.330	<1	3.88	0.018	2.07	0.1	<0.01	9.4	1.1	<0.05	20	<0.5	<0.2
REP 1033676	QC	72	28	1.94	391	0.322	<1	3.81	0.017	2.01	0.1	<0.01	9.3	1.1	<0.05	20	<0.5	<0.2
1066023	Soil	8	48	0.71	116	0.099	<1	2.99	0.008	0.12	0.2	0.02	4.6	0.1	<0.05	8	<0.5	<0.2
REP 1066023	QC	8	48	0.70	113	0.099	<1	3.02	0.008	0.12	0.2	0.02	4.7	<0.1	<0.05	8	<0.5	<0.2
1066026	Soil	9	29	0.34	102	0.130	<1	1.51	0.007	0.12	0.2	0.02	2.3	0.1	<0.05	9	0.7	<0.2
REP 1066026	QC	9	29	0.34	103	0.132	1	1.54	0.007	0.12	0.2	0.04	2.1	0.1	<0.05	9	<0.5	<0.2
1066048	Soil	37	30	0.74	237	0.133	<1	1.97	0.014	0.30	0.2	0.02	3.8	0.3	<0.05	7	<0.5	<0.2
REP 1066048	QC	37	29	0.73	235	0.130	<1	1.95	0.012	0.30	0.1	0.02	3.8	0.3	<0.05	6	<0.5	<0.2
1066059	Soil	42	37	0.47	166	0.073	<1	2.83	0.010	0.12	0.1	0.05	3.7	0.1	<0.05	8	<0.5	<0.2
REP 1066059	QC	41	36	0.46	161	0.067	<1	2.70	0.010	0.12	0.1	0.03	3.3	0.1	<0.05	8	<0.5	<0.2
1064510	Soil	49	8	0.23	76	0.084	<1	1.59	0.005	0.45	0.6	<0.01	2.6	0.3	<0.05	13	<0.5	<0.2
REP 1064510	QC	49	8	0.24	77	0.086	<1	1.57	0.006	0.46	0.6	<0.01	2.6	0.4	<0.05	14	0.5	<0.2
Reference Materials																		
STD DS8	Standard	15	122	0.61	289	0.117	2	0.92	0.092	0.43	2.8	0.18	2.1	5.1	0.17	5	4.9	5.2
STD DS8	Standard	14	117	0.62	282	0.106	2	0.89	0.091	0.41	2.8	0.20	2.0	5.3	0.14	5	5.3	4.8
STD DS8	Standard	13	119	0.52	260	0.116	2	0.89	0.093	0.42	3.1	0.22	2.1	5.4	0.11	5	5.4	4.6
STD DS8	Standard	14	112	0.64	266	0.115	2	0.87	0.080	0.39	3.0	0.19	2.1	5.0	0.15	5	4.5	4.7
STD DS8	Standard	13	103	0.56	256	0.087	3	0.83	0.083	0.37	2.7	0.19	1.9	4.8	0.14	4	4.4	4.4
STD DS8	Standard	12	110	0.57	248	0.088	3	0.82	0.078	0.38	2.7	0.16	1.9	5.0	0.18	4	5.1	4.8
STD DS8	Standard	14	115	0.61	273	0.107	2	0.92	0.104	0.41	3.0	0.19	2.2	5.2	0.16	4	3.7	4.4

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

Project: ECH
Report Date: August 09, 2011

QUALITY CONTROL REPORT WHI11000606.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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

Project: ECH
Report Date: August 09, 2011

QUALITY CONTROL REPORT WHI11000606.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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1020 Cordova St. East Vancouver BC V6A 4A3 Canada

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

Submitted By: Mike Skead
Receiving Lab: Canada-Whitehorse
Received: July 15, 2011
Report Date: July 29, 2011
Page: 1 of 10

CERTIFICATE OF ANALYSIS WHI11000611.1

CLIENT JOB INFORMATION

Project: ECH
Shipment ID:
P.O. Number
Number of Samples: 270

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	270	Dry at 60C sieve 100g to -80 mesh			VAN
Dry at 60C	270	Dry at 60C			VAN
1DX2	265	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Vancouver BC V6C 1H2 Canada

Project: ECH
Report Date: July 29, 2011

CERTIFICATE OF ANALYSIS WHI11000611.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1064856	Soil	0.6	14.7	9.2	62	<0.1	17.6	9.2	400	2.42	6.0	2.5	2.0	4.0	17	0.2	0.3	0.4	46	0.27	0.077
1064853	Soil	0.9	19.3	14.4	72	0.1	17.9	10.7	642	2.87	7.2	5.9	7.9	3.6	27	0.2	0.4	0.6	56	0.33	0.079
1064880	Soil	0.9	15.9	11.0	55	<0.1	16.6	7.4	397	2.61	6.8	3.7	2.4	1.4	17	<0.1	0.4	0.8	60	0.17	0.058
1064881	Soil	0.8	13.8	10.7	51	0.1	13.3	7.2	404	2.51	5.9	3.5	1.4	1.1	15	<0.1	0.4	0.5	54	0.14	0.055
1064863	Soil	1.1	20.5	15.5	67	0.1	21.1	10.0	634	3.30	9.4	7.8	2.5	2.0	21	<0.1	0.5	0.4	69	0.21	0.061
1064866	Soil	0.9	15.6	12.2	59	<0.1	18.0	7.8	362	2.82	8.1	3.6	2.6	1.8	23	<0.1	0.4	0.3	66	0.22	0.053
1064875	Soil	0.7	14.4	10.3	58	<0.1	14.7	7.3	315	2.56	6.1	1.9	1.1	1.8	13	0.2	0.4	0.3	51	0.17	0.056
1064876	Soil	0.8	16.3	12.5	64	<0.1	16.7	8.1	439	2.83	7.3	1.8	0.8	2.3	15	0.2	0.5	0.3	60	0.21	0.077
1064874	Soil	0.8	16.2	10.1	55	0.2	14.4	7.3	318	2.44	5.9	32.1	1.9	1.5	20	0.2	0.4	0.3	51	0.24	0.077
1064873	Soil	0.5	12.8	10.5	46	0.4	13.1	6.5	285	2.11	3.9	39.6	1.6	2.2	23	<0.1	0.3	0.4	44	0.32	0.088
1064869	Soil	1.2	14.4	13.4	61	0.1	16.7	9.2	463	3.18	8.2	3.8	1.2	2.9	24	0.3	0.6	0.5	64	0.22	0.044
1064867	Soil	0.9	12.7	10.5	54	<0.1	13.9	6.6	334	2.59	6.5	2.1	<0.5	0.9	14	0.2	0.4	0.3	58	0.13	0.045
1064870	Soil	0.8	13.4	11.0	60	<0.1	15.3	8.5	488	2.61	6.8	3.0	3.6	3.6	15	0.2	0.4	0.3	53	0.22	0.068
1064871	Soil	0.7	12.1	11.8	57	<0.1	13.3	7.8	439	2.48	6.2	3.7	0.5	2.3	15	<0.1	0.4	0.5	54	0.17	0.056
1064868	Soil	0.8	13.0	10.2	53	<0.1	14.4	6.8	251	2.44	5.9	4.0	2.6	1.9	16	0.2	0.4	0.4	55	0.15	0.046
1064851	Soil	0.7	14.9	10.2	45	0.1	8.9	5.1	222	1.98	5.6	3.7	1.2	1.4	15	0.1	0.3	0.3	39	0.15	0.048
1064858	Soil	0.7	15.7	9.4	57	<0.1	18.2	9.0	373	2.63	5.9	3.1	1.5	4.1	17	0.1	0.4	0.4	56	0.26	0.077
1064857	Soil	0.9	17.2	12.6	66	0.1	19.3	10.8	503	3.00	6.5	5.1	1.4	4.0	27	0.1	0.4	0.6	65	0.33	0.076
1064862	Soil	0.7	15.5	10.6	55	<0.1	16.2	9.5	558	2.68	5.8	3.6	9.1	3.5	21	0.2	0.4	0.3	57	0.30	0.077
1064865	Soil	0.9	15.7	13.2	56	<0.1	16.5	9.6	600	2.75	6.6	5.7	1.7	2.1	20	0.1	0.4	0.3	61	0.21	0.065
1064883	Soil	0.8	15.9	12.3	65	<0.1	18.6	9.0	512	2.77	6.1	3.0	2.7	2.1	19	0.1	0.4	1.1	60	0.21	0.062
1064872	Soil	0.8	12.5	10.4	54	<0.1	13.3	7.1	399	2.46	4.9	2.3	1.4	1.5	15	<0.1	0.3	0.3	50	0.17	0.069
1064855	Soil	1.0	19.7	14.3	80	0.1	20.2	12.1	684	3.29	8.3	5.4	3.1	4.0	20	0.3	0.5	0.6	67	0.26	0.069
1064854	Soil	0.7	12.4	8.7	60	<0.1	13.6	7.5	346	2.37	4.2	2.3	1.4	4.4	13	<0.1	0.3	0.5	52	0.23	0.080
1064852	Soil	0.6	16.5	10.7	57	<0.1	19.6	8.7	359	2.55	6.3	2.4	1.9	5.1	17	0.2	0.4	0.5	53	0.23	0.067
1064878	Soil	0.5	14.7	6.7	53	<0.1	16.2	8.7	357	2.16	2.2	1.7	1.0	6.1	10	0.1	0.2	0.5	39	0.29	0.109
1064879	Soil	0.7	11.8	8.0	48	<0.1	12.3	5.5	253	2.00	4.2	1.6	7.2	1.7	14	0.1	0.3	0.6	48	0.16	0.047
1064861	Soil	1.0	20.6	14.2	68	0.2	22.2	11.5	838	2.91	7.7	8.3	2.5	3.6	30	0.1	0.5	0.5	60	0.36	0.080
1064877	Soil	0.9	15.2	11.5	55	<0.1	17.2	7.5	306	2.70	5.8	2.8	4.0	2.8	15	0.1	0.4	0.4	59	0.19	0.056
1064860	Soil	0.6	12.4	9.5	53	<0.1	14.6	7.4	386	2.18	5.2	2.3	1.4	4.8	20	0.2	0.4	0.5	47	0.32	0.090

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Project: ECH
Report Date: July 29, 2011

CERTIFICATE OF ANALYSIS WHI11000611.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1064856	Soil		10	26	0.58	115	0.114	1	1.60	0.011	0.15	0.2	0.01	2.4	0.2	<0.05	6	<0.5	<0.2
1064853	Soil		16	29	0.60	172	0.107	2	1.81	0.015	0.17	0.2	0.04	2.8	0.3	0.06	7	<0.5	<0.2
1064880	Soil		11	29	0.49	118	0.079	<1	1.70	0.010	0.09	0.2	0.03	2.1	0.1	0.06	7	<0.5	<0.2
1064881	Soil		10	26	0.49	104	0.071	2	1.50	0.012	0.08	0.2	0.03	1.8	0.1	<0.05	6	<0.5	<0.2
1064863	Soil		16	33	0.58	198	0.058	<1	2.24	0.012	0.08	0.2	0.05	3.0	0.2	<0.05	8	<0.5	<0.2
1064866	Soil		11	30	0.55	150	0.074	<1	1.87	0.012	0.08	0.2	0.04	2.5	0.2	0.06	7	<0.5	<0.2
1064875	Soil		13	29	0.52	91	0.084	2	1.55	0.010	0.11	0.1	0.01	2.0	0.2	0.06	7	<0.5	<0.2
1064876	Soil		14	32	0.53	104	0.091	2	1.83	0.010	0.12	0.3	0.03	2.5	0.2	0.05	7	<0.5	<0.2
1064874	Soil		14	29	0.51	87	0.071	2	1.62	0.014	0.10	0.1	0.03	2.1	0.2	<0.05	6	<0.5	<0.2
1064873	Soil		15	27	0.49	122	0.076	1	1.42	0.015	0.11	0.2	0.04	2.5	0.1	<0.05	6	<0.5	<0.2
1064869	Soil		12	30	0.52	121	0.091	2	1.85	0.011	0.07	0.2	0.04	2.5	0.1	<0.05	7	<0.5	<0.2
1064867	Soil		10	27	0.49	88	0.069	1	1.80	0.012	0.06	0.1	0.03	1.9	0.1	<0.05	7	<0.5	<0.2
1064870	Soil		12	26	0.51	106	0.096	1	1.63	0.012	0.11	0.2	0.04	2.6	0.2	<0.05	6	<0.5	<0.2
1064871	Soil		14	25	0.51	109	0.071	1	1.65	0.010	0.09	0.2	0.03	2.3	0.2	<0.05	7	<0.5	<0.2
1064868	Soil		11	27	0.49	107	0.077	2	1.60	0.014	0.08	0.1	0.04	2.3	0.1	<0.05	6	<0.5	<0.2
1064851	Soil		12	18	0.37	113	0.064	1	1.46	0.020	0.06	0.1	0.03	1.8	0.1	<0.05	5	0.5	<0.2
1064858	Soil		12	29	0.54	127	0.108	<1	1.63	0.014	0.13	0.2	0.03	2.5	0.2	<0.05	6	<0.5	<0.2
1064857	Soil		14	34	0.66	202	0.134	2	1.97	0.017	0.19	0.2	0.02	3.1	0.2	<0.05	8	<0.5	<0.2
1064862	Soil		14	27	0.52	146	0.090	<1	1.67	0.012	0.12	0.2	0.03	2.7	0.2	<0.05	6	<0.5	<0.2
1064865	Soil		13	28	0.49	157	0.066	1	1.92	0.011	0.07	0.1	0.05	2.8	0.2	<0.05	6	<0.5	<0.2
1064883	Soil		13	30	0.54	136	0.076	2	1.78	0.011	0.09	0.2	0.03	2.3	0.2	<0.05	7	<0.5	<0.2
1064872	Soil		12	26	0.51	101	0.062	1	1.67	0.011	0.09	0.1	0.02	2.0	0.2	0.05	6	<0.5	<0.2
1064855	Soil		12	32	0.65	165	0.113	1	2.14	0.014	0.15	0.2	0.04	3.1	0.2	<0.05	8	<0.5	<0.2
1064854	Soil		10	22	0.51	90	0.131	2	1.30	0.014	0.17	0.3	0.01	2.2	0.2	<0.05	6	<0.5	<0.2
1064852	Soil		13	26	0.54	128	0.119	1	1.83	0.013	0.12	0.2	0.02	2.7	0.2	<0.05	6	<0.5	<0.2
1064878	Soil		14	25	0.53	74	0.119	1	1.51	0.015	0.20	0.2	<0.01	2.3	0.3	<0.05	5	<0.5	<0.2
1064879	Soil		9	25	0.42	75	0.081	<1	1.11	0.009	0.12	0.2	0.02	1.7	0.2	<0.05	5	<0.5	<0.2
1064861	Soil		20	32	0.60	234	0.075	<1	2.07	0.016	0.12	0.1	0.05	3.9	0.2	0.06	7	<0.5	<0.2
1064877	Soil		13	30	0.52	107	0.088	<1	1.74	0.009	0.09	0.2	0.03	2.5	0.1	<0.05	7	<0.5	<0.2
1064860	Soil		14	23	0.48	113	0.087	1	1.30	0.013	0.10	0.2	0.02	2.3	0.1	<0.05	5	<0.5	<0.2

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600 - 666 Burrard St.
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Project: ECH
Report Date: July 29, 2011

CERTIFICATE OF ANALYSIS WHI11000611.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1064808	Soil	0.6	12.3	10.3	54	<0.1	11.6	4.9	255	1.46	3.4	29.0	2.5	2.5	15	0.2	0.4	2.4	30	0.20	0.069
1064801	Soil	0.4	13.8	13.1	47	<0.1	15.7	5.2	150	1.78	6.4	17.7	3.8	2.4	14	0.2	0.5	1.3	45	0.18	0.060
1064802	Soil	0.5	21.6	8.0	58	<0.1	22.7	8.8	388	2.31	6.2	1.9	4.9	4.1	27	0.3	0.5	0.4	57	0.38	0.087
1064803	Soil	0.6	22.4	10.1	54	<0.1	18.7	6.9	173	1.86	4.9	12.2	4.8	2.8	20	0.2	0.5	0.6	47	0.24	0.071
1064807	Soil	0.5	15.1	8.6	55	<0.1	16.2	6.8	272	1.90	4.4	21.6	1.9	3.9	21	0.1	0.4	1.3	44	0.26	0.075
1064859	Soil	0.9	20.4	10.6	66	<0.1	21.1	10.9	584	2.88	7.8	4.1	1.3	3.8	21	0.2	0.5	0.5	66	0.33	0.089
1064882	Soil	0.7	17.0	12.6	62	<0.1	18.5	8.8	380	2.81	5.9	3.6	3.5	2.5	14	<0.1	0.4	0.9	64	0.20	0.068
1064819	Soil	1.6	12.8	11.1	30	0.4	9.5	7.5	341	2.46	4.0	14.6	1.2	0.5	20	0.2	0.3	1.0	33	0.19	0.142
1064822	Soil	0.8	15.5	11.7	50	<0.1	15.0	5.3	171	1.89	5.5	2.6	8.4	0.8	15	0.1	0.5	0.6	53	0.16	0.061
1064818	Soil	0.6	13.5	10.6	50	<0.1	16.5	6.8	187	2.21	5.3	2.8	3.1	4.0	20	0.1	0.5	0.6	54	0.27	0.075
1064864	Soil	1.1	18.6	15.5	70	0.2	20.7	10.9	636	3.03	8.7	8.1	2.3	3.1	24	0.2	0.5	0.5	68	0.29	0.073
1064816	Soil	0.6	17.8	15.6	56	<0.1	17.4	5.7	221	1.77	3.8	6.8	0.5	3.3	17	0.2	0.5	1.4	50	0.21	0.066
1064820	Soil	0.6	11.5	14.8	49	<0.1	14.0	5.7	195	2.07	7.7	6.9	0.8	3.4	19	<0.1	0.4	1.3	45	0.20	0.059
1064815	Soil	0.8	9.9	8.8	42	<0.1	23.3	6.2	231	2.24	5.2	1.3	2.1	2.7	44	0.1	0.4	0.4	78	0.17	0.042
1064809	Soil	0.9	16.7	14.6	60	<0.1	14.7	6.0	230	2.35	5.6	37.7	1.9	2.7	16	0.1	0.5	3.5	40	0.18	0.072
1064821	Soil	0.6	10.2	12.1	50	<0.1	12.1	5.8	269	2.21	4.6	6.5	<0.5	4.0	15	<0.1	0.2	1.2	40	0.22	0.080
1064823	Soil	0.9	24.8	10.9	65	<0.1	22.5	9.6	404	2.76	7.8	4.5	1.2	4.3	19	0.2	0.5	0.5	63	0.27	0.079
1064832	Soil	1.0	25.8	14.2	75	<0.1	24.2	9.8	463	2.73	7.5	26.3	3.2	4.0	20	0.3	0.6	0.8	63	0.26	0.073
1064828	Soil	0.8	12.3	8.9	44	<0.1	13.1	5.8	257	2.11	4.6	2.0	<0.5	5.1	13	<0.1	0.4	0.7	50	0.20	0.061
1064833	Soil	0.8	25.1	14.3	77	<0.1	23.5	10.0	472	2.84	6.8	23.4	6.8	3.8	20	0.2	0.5	0.9	59	0.25	0.073
1064812	Soil	0.5	13.4	8.1	56	<0.1	16.9	6.9	292	2.14	4.9	2.0	3.0	4.5	18	0.2	0.4	0.6	46	0.29	0.082
1064814	Soil	0.6	11.1	8.6	44	<0.1	14.9	6.9	257	1.92	4.0	2.7	<0.5	5.6	9	0.1	0.3	1.2	37	0.16	0.056
1064817	Soil	0.4	18.5	12.6	48	<0.1	18.3	6.7	170	2.19	6.0	5.5	0.7	3.3	23	0.1	0.6	0.8	54	0.28	0.069
1064824	Soil	0.4	17.9	10.4	63	<0.1	17.4	7.5	234	2.06	2.7	6.3	3.2	6.0	22	0.2	0.4	0.6	50	0.31	0.075
1064813	Soil	0.7	17.3	7.8	33	<0.1	9.1	3.8	137	1.65	4.2	2.8	<0.5	0.3	19	<0.1	0.4	0.4	37	0.17	0.062
1064806	Soil	0.8	9.3	13.9	45	0.1	9.2	3.5	218	1.58	4.1	22.2	1.0	1.2	22	0.2	0.4	3.4	34	0.24	0.052
1064811	Soil	0.6	14.0	10.3	50	<0.1	13.8	5.2	273	1.72	3.7	6.8	0.5	3.0	17	0.2	0.4	1.1	39	0.21	0.058
1064805	Soil	0.8	11.5	14.7	50	<0.1	10.8	4.4	271	1.97	5.1	17.6	<0.5	2.2	12	0.1	0.4	2.9	39	0.12	0.052
1064804	Soil	0.5	12.4	7.5	57	<0.1	15.1	5.9	346	1.79	4.9	7.7	3.0	3.4	15	0.1	0.4	1.4	37	0.22	0.065
1064810	Soil	0.8	13.0	11.1	54	<0.1	13.2	6.2	310	1.81	4.6	15.2	1.3	2.5	17	0.1	0.3	2.2	38	0.20	0.061

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1064808	Soil	10	17	0.32	99	0.048	1	1.13	0.015	0.07	0.1	0.05	1.6	0.2	0.08	4	<0.5	<0.2
1064801	Soil	9	25	0.47	113	0.050	<1	1.77	0.010	0.04	0.2	0.06	2.2	0.1	<0.05	5	<0.5	<0.2
1064802	Soil	12	27	0.51	159	0.086	1	1.17	0.020	0.07	0.2	0.02	2.7	<0.1	<0.05	4	<0.5	<0.2
1064803	Soil	12	25	0.52	126	0.066	2	1.69	0.014	0.05	0.2	0.03	2.4	0.1	<0.05	5	<0.5	<0.2
1064807	Soil	12	22	0.47	93	0.074	1	1.39	0.014	0.07	0.2	0.05	2.1	0.2	<0.05	5	<0.5	<0.2
1064859	Soil	14	32	0.63	165	0.108	2	2.00	0.014	0.16	0.2	0.03	3.1	0.2	<0.05	7	0.6	<0.2
1064882	Soil	15	32	0.56	110	0.086	1	1.90	0.011	0.10	0.2	0.02	2.7	0.2	<0.05	7	0.6	<0.2
1064819	Soil	10	19	0.22	116	0.032	1	1.22	0.017	0.04	0.1	0.12	1.8	0.3	0.08	4	1.3	<0.2
1064822	Soil	11	26	0.50	102	0.063	1	1.70	0.011	0.06	<0.1	0.03	1.9	0.2	<0.05	7	0.6	<0.2
1064818	Soil	13	27	0.51	121	0.101	2	1.76	0.013	0.07	0.2	0.03	2.4	0.2	<0.05	6	<0.5	<0.2
1064864	Soil	19	32	0.56	204	0.077	1	2.13	0.015	0.10	0.2	0.04	3.6	0.2	<0.05	7	<0.5	<0.2
1064816	Soil	14	26	0.52	135	0.085	<1	1.97	0.018	0.10	0.2	0.03	2.9	0.2	<0.05	7	<0.5	<0.2
1064820	Soil	14	24	0.50	117	0.083	<1	1.74	0.015	0.11	0.2	0.05	2.5	0.3	<0.05	7	0.7	<0.2
1064815	Soil	9	58	0.52	69	0.181	2	1.05	0.015	0.09	0.2	0.04	1.7	0.1	<0.05	8	<0.5	<0.2
1064809	Soil	14	19	0.44	113	0.052	1	1.81	0.019	0.08	0.1	0.05	2.1	0.3	<0.05	6	0.7	<0.2
1064821	Soil	15	19	0.52	109	0.074	<1	1.67	0.015	0.12	0.2	0.02	2.1	0.2	<0.05	6	<0.5	<0.2
1064823	Soil	15	31	0.62	111	0.107	1	2.03	0.014	0.09	0.1	0.02	3.2	0.1	<0.05	6	<0.5	<0.2
1064832	Soil	15	30	0.60	129	0.101	1	2.14	0.019	0.10	0.5	0.04	3.2	0.2	<0.05	7	<0.5	<0.2
1064828	Soil	14	20	0.49	65	0.117	<1	1.33	0.012	0.11	0.2	0.02	1.8	0.2	<0.05	6	<0.5	<0.2
1064833	Soil	13	30	0.59	126	0.092	1	2.06	0.018	0.10	0.4	0.04	3.0	0.2	<0.05	6	<0.5	<0.2
1064812	Soil	12	23	0.52	89	0.110	1	1.28	0.013	0.10	0.2	0.02	2.0	0.2	<0.05	5	0.6	<0.2
1064814	Soil	11	20	0.43	65	0.093	<1	1.77	0.012	0.11	0.2	0.03	2.1	0.2	<0.05	5	0.5	<0.2
1064817	Soil	15	28	0.52	145	0.076	1	1.92	0.017	0.06	0.2	0.05	3.0	0.2	<0.05	6	<0.5	<0.2
1064824	Soil	16	29	0.62	139	0.121	2	1.50	0.017	0.12	0.2	0.02	3.6	0.2	<0.05	5	0.5	<0.2
1064813	Soil	7	16	0.26	90	0.039	1	1.26	0.027	0.04	<0.1	0.03	1.1	0.1	<0.05	4	1.2	<0.2
1064806	Soil	8	15	0.26	115	0.038	1	1.05	0.017	0.06	0.1	0.05	1.3	0.2	0.05	5	<0.5	<0.2
1064811	Soil	12	18	0.42	114	0.059	1	1.34	0.018	0.08	0.2	0.04	1.9	0.2	<0.05	5	<0.5	<0.2
1064805	Soil	9	17	0.33	72	0.046	<1	1.45	0.015	0.07	0.2	0.05	1.4	0.2	0.06	6	<0.5	<0.2
1064804	Soil	10	17	0.40	76	0.063	1	1.17	0.011	0.07	0.1	0.02	1.6	0.1	<0.05	4	<0.5	<0.2
1064810	Soil	12	18	0.39	120	0.058	2	1.46	0.019	0.07	0.2	0.04	2.0	0.2	0.07	5	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1064583	Soil	0.6	17.4	9.5	57	<0.1	18.4	8.6	400	2.73	5.1	2.0	2.5	4.7	20	0.2	0.4	0.4	58	0.24	0.078
1064582	Soil	0.6	22.0	14.4	71	<0.1	16.1	10.5	714	2.94	4.3	10.2	1.2	10.9	33	0.2	0.4	1.8	49	0.38	0.102
1064579	Soil	0.2	10.4	10.2	38	<0.1	9.5	4.6	252	1.56	1.8	1.8	1.6	7.3	24	<0.1	0.3	1.2	31	0.28	0.056
1064580	Soil	0.3	16.3	12.2	42	<0.1	13.0	5.8	333	2.01	2.2	2.2	<0.5	8.9	17	<0.1	0.2	3.7	34	0.16	0.019
1064574	Soil	0.6	15.8	15.9	60	<0.1	15.5	7.5	424	2.88	4.6	4.0	1.4	7.9	12	0.1	0.3	0.7	45	0.19	0.069
1064830	Soil	0.7	12.4	8.1	36	<0.1	10.8	5.0	250	1.85	3.4	8.1	<0.5	1.4	15	0.1	0.4	0.5	39	0.17	0.064
1064575	Soil	0.5	13.3	13.3	55	<0.1	13.4	6.4	378	2.23	2.4	3.3	1.4	6.4	18	<0.1	0.2	3.4	39	0.25	0.065
1064576	Soil	0.4	18.0	8.3	52	<0.1	18.5	8.1	374	2.31	4.4	1.6	0.6	5.3	14	0.1	0.3	0.6	44	0.20	0.055
1064578	Soil	0.6	15.5	7.4	59	<0.1	13.5	6.2	340	2.21	3.3	1.3	1.8	2.2	13	0.1	0.3	0.4	48	0.16	0.049
1064581	Soil	0.5	20.4	14.3	70	<0.1	15.9	10.6	726	2.98	3.3	9.5	0.9	11.1	31	0.2	0.4	1.6	45	0.40	0.106
1064831	Soil	0.8	13.6	7.2	37	<0.1	11.1	5.9	207	1.77	4.4	7.7	1.7	1.1	12	0.1	0.3	0.4	39	0.14	0.067
1064827	Soil	0.8	12.2	6.6	41	<0.1	12.1	6.2	205	1.99	4.2	2.5	1.6	1.8	11	<0.1	0.2	0.6	46	0.16	0.059
1064825	Soil	1.0	19.3	11.2	58	0.1	18.9	8.5	323	2.48	7.5	5.1	3.9	2.1	17	0.2	0.4	0.6	60	0.24	0.070
1064829	Soil	0.8	13.1	8.3	32	0.1	10.2	4.9	162	1.94	5.7	1.7	4.2	1.2	11	0.2	0.4	0.6	51	0.12	0.050
1064826	Soil	0.7	14.5	8.3	50	<0.1	15.2	6.9	215	2.18	5.3	3.0	2.9	4.4	12	0.1	0.3	0.7	47	0.21	0.066
1064565	Soil	0.4	14.0	11.2	57	<0.1	13.3	6.3	315	1.99	3.6	6.5	2.0	7.7	14	0.1	0.2	0.7	39	0.26	0.075
1064571	Soil	0.6	20.4	7.1	55	<0.1	22.6	10.7	398	2.78	6.9	1.8	3.2	6.0	15	0.1	0.4	0.4	58	0.26	0.069
1064561	Soil	0.5	19.9	17.4	54	<0.1	17.8	7.2	350	1.85	6.1	7.6	2.6	3.9	15	0.2	0.4	0.3	39	0.26	0.081
1064584	Soil	0.7	17.8	11.8	59	<0.1	16.4	7.2	452	2.01	5.9	7.0	2.0	4.2	14	0.2	0.4	0.9	42	0.23	0.080
1064570	Soil	0.6	17.1	7.6	55	<0.1	19.1	8.9	342	2.84	6.3	1.7	2.6	4.2	12	0.1	0.4	0.4	57	0.20	0.051
1064566	Soil	0.5	15.2	8.2	51	<0.1	15.8	7.1	356	1.94	4.9	2.7	2.2	5.6	11	0.1	0.3	0.4	41	0.21	0.069
1064572	Soil	0.5	15.6	5.9	54	<0.1	18.3	8.9	368	2.74	5.5	1.8	2.3	6.3	12	<0.1	0.3	0.5	51	0.20	0.061
1064562	Soil	0.5	13.8	8.1	60	<0.1	13.9	6.8	469	2.20	4.2	5.7	4.0	7.9	18	0.1	0.3	0.8	41	0.30	0.087
1064573	Soil	0.7	15.7	7.0	48	<0.1	17.3	8.4	352	2.75	5.7	2.2	7.6	4.8	10	0.2	0.3	0.3	47	0.17	0.062
1064557	Soil	0.7	21.7	8.9	49	<0.1	20.2	7.5	304	2.31	7.1	1.2	2.9	2.2	13	<0.1	0.5	0.4	52	0.18	0.060
1064577	Soil	0.4	16.1	6.7	55	<0.1	16.5	7.9	368	2.15	3.6	3.0	2.8	7.9	17	0.2	0.2	0.7	44	0.30	0.088
1064554	Soil	0.8	19.3	9.7	52	<0.1	21.7	9.6	347	3.01	6.6	3.9	2.0	5.4	13	0.1	0.4	1.4	48	0.19	0.053
1064551	Soil	0.6	18.1	14.2	68	<0.1	23.7	11.8	422	3.65	6.9	6.8	2.3	13.0	15	<0.1	0.2	0.2	36	0.18	0.043
1064553	Soil	0.9	15.9	8.3	53	<0.1	14.9	7.5	343	2.70	6.0	1.7	2.8	2.4	10	0.2	0.5	0.3	58	0.11	0.041
1064567	Soil	0.5	20.8	16.1	83	<0.1	21.4	14.0	691	3.69	4.4	8.7	1.8	8.0	17	0.2	0.2	0.6	64	0.31	0.102

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

Project: ECH
Report Date: July 29, 2011

CERTIFICATE OF ANALYSIS WHI11000611.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1064583	Soil	16	29	0.63	131	0.104	<1	1.92	0.012	0.15	0.1	0.03	2.9	0.2	<0.05	6	<0.5	<0.2
1064582	Soil	36	23	0.58	185	0.068	<1	1.79	0.012	0.20	0.1	0.04	4.7	0.3	<0.05	6	<0.5	<0.2
1064579	Soil	17	17	0.36	98	0.053	<1	1.18	0.009	0.07	0.1	0.02	2.4	0.1	<0.05	4	<0.5	<0.2
1064580	Soil	21	16	0.78	128	0.045	<1	2.28	0.006	0.26	<0.1	0.03	3.0	0.3	<0.05	7	<0.5	<0.2
1064574	Soil	18	22	0.69	113	0.105	<1	2.07	0.010	0.25	0.2	0.03	2.7	0.3	<0.05	7	0.6	<0.2
1064830	Soil	10	17	0.36	75	0.062	<1	1.26	0.017	0.06	0.1	0.03	1.7	0.1	0.10	5	<0.5	<0.2
1064575	Soil	18	19	0.55	127	0.105	<1	1.58	0.013	0.21	0.2	0.01	2.5	0.3	<0.05	6	<0.5	<0.2
1064576	Soil	13	21	0.52	98	0.109	1	1.73	0.015	0.13	0.1	0.04	2.6	0.2	<0.05	5	<0.5	<0.2
1064578	Soil	13	21	0.51	84	0.092	1	1.40	0.013	0.15	<0.1	0.06	2.0	0.2	0.06	6	<0.5	<0.2
1064581	Soil	38	22	0.56	177	0.060	2	1.62	0.012	0.20	0.1	0.03	4.4	0.3	<0.05	6	<0.5	<0.2
1064831	Soil	8	18	0.32	78	0.050	2	1.23	0.012	0.06	0.1	0.03	1.5	0.1	0.05	5	<0.5	<0.2
1064827	Soil	8	19	0.40	98	0.073	<1	1.21	0.013	0.10	0.1	0.02	1.9	0.1	<0.05	5	<0.5	<0.2
1064825	Soil	11	30	0.50	133	0.071	1	1.75	0.011	0.08	0.1	0.03	2.9	0.2	<0.05	6	<0.5	<0.2
1064829	Soil	9	18	0.23	72	0.065	<1	1.24	0.015	0.05	0.1	0.06	1.3	0.1	<0.05	6	<0.5	<0.2
1064826	Soil	12	25	0.49	86	0.086	<1	1.50	0.009	0.10	0.2	0.03	2.6	0.2	<0.05	5	<0.5	<0.2
1064565	Soil	20	22	0.48	102	0.087	<1	1.56	0.009	0.18	0.1	0.02	2.8	0.3	<0.05	6	<0.5	<0.2
1064571	Soil	15	29	0.76	116	0.134	<1	1.89	0.012	0.28	0.2	0.03	3.5	0.3	<0.05	6	<0.5	<0.2
1064561	Soil	11	21	0.37	115	0.061	1	1.52	0.011	0.07	0.1	0.02	2.4	0.1	<0.05	4	<0.5	<0.2
1064584	Soil	14	20	0.37	111	0.061	<1	1.52	0.010	0.07	0.1	0.03	2.5	0.2	<0.05	4	<0.5	<0.2
1064570	Soil	13	31	0.67	111	0.121	<1	1.72	0.010	0.22	0.1	0.03	3.0	0.3	<0.05	7	0.6	<0.2
1064566	Soil	14	20	0.39	88	0.080	<1	1.48	0.010	0.11	0.1	0.03	2.2	0.2	<0.05	5	<0.5	<0.2
1064572	Soil	16	25	0.85	111	0.141	<1	2.04	0.011	0.40	0.1	0.03	3.0	0.4	<0.05	7	<0.5	<0.2
1064562	Soil	20	20	0.48	99	0.094	<1	1.48	0.016	0.22	0.1	0.02	2.9	0.3	<0.05	5	<0.5	<0.2
1064573	Soil	14	23	0.80	105	0.102	1	1.87	0.009	0.30	0.2	0.04	2.3	0.3	<0.05	7	<0.5	<0.2
1064557	Soil	11	26	0.45	79	0.064	<1	1.70	0.009	0.05	0.2	0.05	2.3	0.1	<0.05	5	<0.5	<0.2
1064577	Soil	19	36	0.57	143	0.116	<1	1.62	0.011	0.24	<0.1	0.02	3.1	0.3	<0.05	6	<0.5	<0.2
1064554	Soil	17	27	0.72	117	0.100	<1	1.90	0.009	0.21	0.1	0.03	2.7	0.3	<0.05	6	<0.5	<0.2
1064551	Soil	30	26	0.83	152	0.072	<1	2.35	0.008	0.38	<0.1	0.02	3.6	0.5	<0.05	7	<0.5	<0.2
1064553	Soil	12	24	0.51	83	0.100	<1	1.40	0.007	0.13	0.1	0.04	1.8	0.2	<0.05	7	<0.5	<0.2
1064567	Soil	20	62	1.08	205	0.131	<1	2.45	0.011	0.48	<0.1	0.03	4.9	0.4	<0.05	9	<0.5	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1064600	Soil	1.0	22.3	13.8	88	0.1	25.0	11.7	649	3.28	8.8	3.5	2.0	4.7	16	0.3	0.4	0.3	68	0.21	0.078
1064786	Soil	0.9	20.8	16.5	68	<0.1	23.2	11.8	715	3.16	9.6	4.0	2.7	4.2	18	0.2	0.5	0.4	69	0.23	0.066
1064599	Soil	1.0	17.6	12.0	67	0.1	17.3	8.3	359	2.55	5.9	4.8	4.7	2.3	24	0.2	0.3	0.3	55	0.28	0.070
1064787	Soil	0.6	17.2	14.1	75	<0.1	23.2	10.2	608	2.55	5.2	4.7	3.5	4.8	23	0.2	0.4	0.4	52	0.36	0.079
1064788	Soil	0.6	18.5	13.2	78	<0.1	18.6	9.3	454	2.45	6.1	3.1	4.5	4.4	20	0.2	0.3	0.5	51	0.26	0.072
1064560	Soil	0.5	17.6	8.6	60	<0.1	16.3	7.1	381	2.09	3.9	5.8	1.7	6.2	18	0.2	0.3	0.9	44	0.27	0.081
1064569	Soil	0.5	13.5	6.0	45	<0.1	15.7	6.4	232	1.99	4.4	2.1	3.3	5.2	10	0.1	0.3	0.2	39	0.16	0.052
1064555	Soil	0.8	19.4	12.0	63	<0.1	21.4	10.6	392	2.97	6.4	5.1	2.7	6.1	11	0.2	0.4	0.4	49	0.16	0.055
1064552	Soil	0.7	15.2	8.4	51	<0.1	16.7	8.3	331	2.51	4.0	3.4	0.8	6.1	10	0.2	0.3	0.2	42	0.15	0.049
1064556	Soil	0.5	18.4	10.2	64	<0.1	20.8	12.3	568	3.41	4.3	7.2	1.6	8.9	18	0.2	0.3	0.5	59	0.29	0.085
1064564	Soil	0.5	18.4	9.3	61	<0.1	17.7	7.7	327	2.49	4.8	4.9	2.2	6.4	17	0.1	0.4	0.6	52	0.27	0.081
1064558	Soil	0.5	22.3	7.5	55	<0.1	23.0	8.3	304	2.21	5.7	2.0	2.0	4.1	17	0.1	0.4	0.3	50	0.28	0.071
1064568	Soil	0.5	22.5	9.5	62	<0.1	19.3	7.7	248	3.04	6.4	5.7	3.8	5.9	14	0.1	0.4	0.4	51	0.22	0.082
1064563	Soil	0.5	13.9	7.5	52	<0.1	14.8	5.9	238	2.16	4.8	1.8	2.2	2.6	12	0.2	0.3	0.5	43	0.19	0.059
1064559	Soil	0.4	12.0	15.7	57	<0.1	10.9	5.9	297	2.39	2.7	12.8	1.7	5.1	15	0.1	0.2	1.8	32	0.23	0.076
1033849	Soil	0.7	16.2	11.5	62	<0.1	20.0	8.5	375	2.81	7.5	3.3	1.5	4.0	14	<0.1	0.3	0.2	60	0.20	0.057
1033634	Soil	1.1	28.4	19.9	89	0.1	25.8	12.2	840	3.58	11.9	14.8	3.2	1.9	18	<0.1	0.4	0.4	73	0.21	0.073
1033633	Soil	1.0	16.6	15.0	63	0.2	16.7	8.2	514	2.53	8.0	7.5	<0.5	1.9	23	<0.1	0.3	0.3	59	0.31	0.054
1033848	Soil	0.7	17.1	10.8	66	<0.1	18.9	8.0	402	2.54	6.8	4.1	<0.5	3.5	20	<0.1	0.3	0.2	55	0.31	0.069
1033850	Soil	1.0	16.2	9.4	64	0.1	15.2	8.0	412	2.41	6.6	3.5	0.7	1.4	13	0.2	0.3	0.3	52	0.16	0.066
1064789	Soil	0.7	13.9	10.3	52	<0.1	16.2	7.6	303	2.25	6.3	1.2	<0.5	3.8	14	<0.1	0.3	0.3	51	0.21	0.057
1064790	Soil	0.8	15.7	11.0	57	<0.1	18.8	8.2	334	2.45	6.6	1.3	<0.5	4.6	16	<0.1	0.3	0.3	57	0.24	0.066
1064792	Soil	0.7	15.9	15.5	63	<0.1	19.1	8.6	426	2.57	6.6	3.0	3.7	6.3	17	0.2	0.3	0.4	51	0.25	0.061
1064791	Soil	0.5	16.2	12.8	65	<0.1	19.7	8.2	394	2.45	6.2	3.4	1.0	6.3	19	<0.1	0.3	0.3	50	0.28	0.064
1033788	Soil	0.6	14.0	9.1	57	0.1	16.8	7.0	312	2.16	5.7	5.2	6.1	3.4	16	0.1	0.3	0.4	51	0.23	0.053
1033787	Soil	0.9	17.9	15.1	61	<0.1	19.3	10.5	504	2.82	8.2	7.8	0.8	2.6	14	0.1	0.4	0.4	63	0.16	0.058
1064586	Soil	0.7	16.8	13.5	65	0.1	18.3	8.9	427	2.53	7.1	6.2	7.8	2.9	19	<0.1	0.4	0.3	57	0.28	0.058
1033632	Soil	1.0	21.0	21.4	79	0.1	21.9	12.5	808	3.24	9.6	6.7	1.4	2.5	18	0.4	0.4	0.3	72	0.23	0.068
1033635	Soil	0.8	12.9	13.2	48	0.1	13.8	7.4	330	2.63	7.0	2.2	0.9	2.2	13	0.2	0.4	0.3	61	0.14	0.040
1033847	Soil	0.5	15.3	9.6	57	<0.1	19.2	8.7	392	2.28	5.5	2.6	<0.5	3.8	14	<0.1	0.3	0.2	47	0.25	0.074

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1064600	Soil	13	34	0.57	180	0.080	<1	2.26	0.011	0.14	0.2	0.06	3.9	0.2	<0.05	7	<0.5	<0.2
1064786	Soil	15	33	0.53	182	0.081	<1	2.03	0.010	0.10	0.2	0.04	3.4	0.2	<0.05	7	<0.5	<0.2
1064599	Soil	12	27	0.44	169	0.072	2	1.67	0.014	0.11	0.2	0.08	2.9	0.2	0.07	7	<0.5	<0.2
1064787	Soil	14	33	0.53	176	0.070	1	1.53	0.012	0.16	0.2	0.03	3.3	0.2	<0.05	5	<0.5	<0.2
1064788	Soil	14	26	0.50	135	0.075	<1	1.63	0.013	0.13	0.4	0.03	2.9	0.2	<0.05	6	<0.5	<0.2
1064560	Soil	16	22	0.47	139	0.097	<1	1.57	0.014	0.15	0.1	0.03	3.0	0.2	<0.05	5	<0.5	<0.2
1064569	Soil	12	19	0.46	75	0.082	<1	1.45	0.008	0.11	0.1	0.03	1.9	0.1	<0.05	5	<0.5	<0.2
1064555	Soil	16	27	0.72	103	0.094	<1	2.04	0.008	0.19	0.1	0.02	2.6	0.3	<0.05	6	<0.5	<0.2
1064552	Soil	17	21	0.67	103	0.108	<1	1.72	0.009	0.26	0.1	0.03	1.9	0.3	<0.05	6	<0.5	<0.2
1064556	Soil	22	25	0.91	282	0.140	<1	2.15	0.012	0.43	0.1	0.02	4.2	0.4	<0.05	8	<0.5	<0.2
1064564	Soil	18	28	0.51	124	0.107	<1	1.95	0.011	0.17	0.1	0.02	3.5	0.3	<0.05	7	<0.5	<0.2
1064558	Soil	11	25	0.50	103	0.087	<1	1.65	0.014	0.08	0.1	0.03	2.7	0.1	<0.05	4	<0.5	<0.2
1064568	Soil	14	28	0.75	109	0.116	<1	2.13	0.014	0.29	0.2	0.02	3.1	0.3	<0.05	7	<0.5	<0.2
1064563	Soil	11	23	0.39	86	0.067	<1	1.46	0.009	0.06	0.1	0.04	1.9	0.1	<0.05	5	<0.5	<0.2
1064559	Soil	16	15	0.40	133	0.044	<1	1.65	0.008	0.19	<0.1	0.02	2.9	0.2	<0.05	5	<0.5	<0.2
1033849	Soil	11	29	0.49	141	0.094	2	1.77	0.010	0.10	0.2	0.03	2.9	0.2	<0.05	7	0.7	<0.2
1033634	Soil	12	37	0.59	285	0.052	2	2.59	0.010	0.08	0.1	0.05	3.6	0.3	<0.05	9	0.7	<0.2
1033633	Soil	10	23	0.38	192	0.060	2	1.74	0.014	0.08	0.2	0.04	2.9	0.2	<0.05	7	0.8	<0.2
1033848	Soil	12	29	0.53	163	0.078	1	1.73	0.013	0.11	0.2	0.02	2.9	0.2	<0.05	6	0.7	<0.2
1033850	Soil	9	25	0.45	99	0.072	2	1.59	0.013	0.10	0.1	0.05	2.1	0.2	0.08	6	0.8	<0.2
1064789	Soil	10	21	0.40	105	0.076	2	1.50	0.012	0.07	0.2	0.04	2.3	0.2	<0.05	6	<0.5	<0.2
1064790	Soil	11	23	0.43	111	0.084	2	1.59	0.012	0.07	0.2	0.03	2.4	0.2	<0.05	5	1.2	<0.2
1064792	Soil	15	25	0.47	147	0.079	2	1.64	0.012	0.10	0.2	0.03	3.0	0.2	<0.05	5	<0.5	<0.2
1064791	Soil	15	25	0.48	150	0.080	2	1.66	0.012	0.10	0.1	0.03	3.3	0.2	<0.05	5	0.8	<0.2
1033788	Soil	12	24	0.45	137	0.078	2	1.48	0.009	0.09	0.1	0.01	2.8	0.2	<0.05	5	0.5	<0.2
1033787	Soil	14	31	0.49	212	0.063	<1	2.24	0.009	0.07	0.2	0.04	3.4	0.2	<0.05	7	<0.5	<0.2
1064586	Soil	11	27	0.47	160	0.071	1	1.79	0.011	0.08	0.2	0.01	2.9	0.2	<0.05	6	0.6	<0.2
1033632	Soil	11	34	0.55	196	0.076	2	2.26	0.012	0.09	0.1	0.06	3.3	0.2	0.05	8	0.6	<0.2
1033635	Soil	8	24	0.35	143	0.070	1	1.65	0.011	0.06	0.2	0.02	2.2	0.1	<0.05	7	<0.5	<0.2
1033847	Soil	12	25	0.48	128	0.082	2	1.55	0.011	0.12	0.2	0.03	2.6	0.2	<0.05	5	0.6	<0.2

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

Project: ECH
Report Date: July 29, 2011

CERTIFICATE OF ANALYSIS WHI11000611.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1064594	Soil	1.1	26.1	16.5	80	0.1	26.0	11.6	671	3.51	10.3	6.9	4.1	4.2	18	<0.1	0.4	0.4	70	0.26	0.079
1064595	Soil	1.1	18.8	15.0	72	<0.1	20.4	9.2	505	3.16	8.6	2.8	1.7	3.8	14	0.2	0.5	0.3	65	0.20	0.063
1064597	Soil	0.8	18.4	13.2	69	<0.1	19.6	9.0	513	2.73	6.6	4.0	2.0	4.5	17	0.2	0.3	0.3	55	0.24	0.069
1066352	Soil	0.7	16.2	9.2	43	0.1	16.7	7.0	229	1.72	2.3	4.0	<0.5	2.0	14	<0.1	0.4	0.2	41	0.19	0.069
1066351	Soil	0.2	11.7	9.9	31	<0.1	13.4	4.1	107	1.30	2.9	2.1	6.1	2.3	12	<0.1	0.4	0.2	40	0.18	0.062
1064591	Soil	0.7	23.3	13.8	111	<0.1	22.9	10.0	474	2.75	7.0	4.6	1.9	5.5	17	0.4	0.4	0.2	59	0.29	0.068
1064596	Soil	0.6	18.9	12.2	68	<0.1	21.5	9.7	534	2.59	6.4	5.1	7.9	5.6	13	<0.1	0.4	0.3	53	0.25	0.080
1064593	Soil	0.6	17.9	13.1	73	<0.1	22.1	10.1	493	2.72	5.3	3.5	1.8	7.2	14	0.2	0.3	0.5	54	0.26	0.077
1064598	Soil	0.7	20.9	10.0	66	<0.1	23.1	10.3	522	2.80	7.1	3.7	4.1	5.4	17	<0.1	0.4	0.3	58	0.26	0.078
1064592	Soil	1.0	19.6	12.5	62	0.1	22.1	10.3	341	3.19	8.2	1.9	2.1	5.0	11	0.3	0.4	0.3	61	0.16	0.048
1033786	Soil	0.5	4.1	5.4	23	<0.1	3.8	2.9	102	0.97	1.4	0.5	<0.5	0.6	10	<0.1	0.1	<0.1	25	0.10	0.019
1064588	Soil	0.9	21.7	12.3	74	0.1	23.7	10.9	508	3.21	8.7	6.1	1.0	5.0	19	0.2	0.4	0.3	68	0.27	0.069
1064589	Soil	0.8	19.4	11.5	70	0.1	20.3	8.7	317	2.66	6.9	4.0	2.2	4.6	16	0.5	0.4	0.2	56	0.21	0.056
1064587	Soil	0.4	4.8	3.5	20	<0.1	2.6	2.2	59	0.88	1.1	2.5	0.7	0.4	7	<0.1	<0.1	<0.1	23	0.06	0.022
1064590	Soil	1.2	15.7	15.4	65	<0.1	18.2	9.0	392	3.38	10.4	1.5	3.9	3.0	11	<0.1	0.4	0.4	74	0.15	0.056
1066370	Soil	0.6	21.5	11.9	69	<0.1	20.4	9.6	347	3.05	4.9	8.7	2.0	6.2	13	<0.1	0.3	0.2	52	0.23	0.077
1066369	Soil	0.2	5.6	10.6	30	<0.1	9.6	3.7	120	1.25	0.9	3.6	3.1	6.4	10	<0.1	0.3	0.2	27	0.21	0.060
1066368	Soil	0.3	15.1	10.5	34	<0.1	9.2	3.7	136	1.94	2.3	10.3	2.9	4.6	11	<0.1	0.3	0.3	32	0.23	0.092
1066367	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1066362	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1066355	Soil	0.7	15.6	10.7	48	0.1	18.2	7.6	153	2.12	6.5	7.6	2.5	4.3	16	0.1	0.4	0.4	59	0.24	0.055
1066360	Soil	1.2	45.9	3.8	11	0.3	4.6	2.0	47	1.12	2.8	8.0	0.8	0.2	10	0.3	0.4	0.3	18	0.13	0.114
1066359	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1066361	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1066364	Soil	0.4	11.0	8.2	41	<0.1	13.4	7.4	198	1.49	2.6	2.7	1.6	5.0	13	<0.1	0.3	0.3	37	0.25	0.063
1066353	Soil	0.6	12.7	8.6	47	<0.1	13.9	7.0	317	2.05	5.0	6.7	1.9	2.8	14	0.2	0.3	0.5	40	0.21	0.073
1066354	Soil	0.4	11.5	8.3	42	<0.1	14.9	5.1	137	1.56	3.5	2.6	5.2	3.7	16	0.1	0.3	0.4	43	0.26	0.065
1066357	Soil	0.9	13.3	7.6	38	0.1	12.9	6.9	325	1.58	2.6	6.0	<0.5	1.3	14	0.2	0.3	0.3	34	0.22	0.094
1066356	Soil	0.8	20.7	11.0	52	0.1	20.5	8.8	172	2.36	6.4	7.9	4.1	4.5	16	0.2	0.4	0.4	56	0.25	0.070
1066358	Soil	0.5	16.2	8.4	52	<0.1	17.6	6.0	157	1.81	4.5	2.7	4.4	4.4	16	0.2	0.4	0.3	46	0.28	0.073

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Project: ECH
Report Date: July 29, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1064594	Soil		14	34	0.63	183	0.091	2	2.28	0.012	0.15	0.2	0.05	3.8	0.3	<0.05	8	0.6	<0.2
1064595	Soil		11	28	0.49	112	0.094	1	1.83	0.011	0.12	0.2	0.09	2.7	0.2	<0.05	7	0.6	<0.2
1064597	Soil		12	26	0.50	139	0.088	2	1.73	0.009	0.13	0.2	0.04	3.1	0.2	<0.05	6	<0.5	<0.2
1066352	Soil		12	30	0.49	152	0.069	1	1.75	0.012	0.08	0.2	0.07	3.1	0.3	0.07	6	0.6	<0.2
1066351	Soil		12	29	0.40	142	0.075	1	1.73	0.010	0.07	0.1	0.07	3.4	0.2	0.08	6	<0.5	<0.2
1064591	Soil		13	31	0.55	154	0.096	2	1.77	0.013	0.11	0.3	0.03	3.5	0.2	<0.05	6	0.5	<0.2
1064596	Soil		12	27	0.55	113	0.103	1	1.86	0.012	0.15	0.2	0.04	2.9	0.3	<0.05	6	<0.5	<0.2
1064593	Soil		14	33	0.62	141	0.104	2	1.86	0.010	0.18	1.4	0.03	3.2	0.4	<0.05	7	<0.5	<0.2
1064598	Soil		15	32	0.61	183	0.091	2	1.92	0.013	0.12	0.2	0.04	4.0	0.2	<0.05	6	0.6	<0.2
1064592	Soil		11	31	0.53	118	0.097	2	2.17	0.011	0.10	0.2	0.07	3.0	0.3	<0.05	7	0.9	<0.2
1033786	Soil		3	8	0.15	57	0.050	<1	0.61	0.020	0.06	<0.1	0.02	0.8	<0.1	<0.05	4	0.8	<0.2
1064588	Soil		15	36	0.63	207	0.103	2	2.26	0.013	0.14	0.2	0.05	4.1	0.3	<0.05	7	0.8	<0.2
1064589	Soil		11	27	0.53	107	0.087	2	1.82	0.012	0.12	0.2	0.07	2.9	0.3	<0.05	6	<0.5	<0.2
1064587	Soil		4	7	0.10	37	0.039	<1	0.71	0.021	0.03	<0.1	0.02	0.8	<0.1	<0.05	3	<0.5	<0.2
1064590	Soil		8	31	0.43	102	0.091	2	2.02	0.007	0.09	0.2	0.07	2.6	0.2	<0.05	8	0.6	<0.2
1066370	Soil		17	29	0.52	151	0.085	1	2.00	0.008	0.16	0.2	0.03	3.7	0.3	<0.05	6	0.8	<0.2
1066369	Soil		14	22	0.41	106	0.111	1	1.54	0.008	0.17	<0.1	0.03	2.6	0.4	<0.05	7	<0.5	<0.2
1066368	Soil		13	22	0.33	121	0.079	1	1.67	0.007	0.23	<0.1	0.07	3.7	0.5	0.07	7	0.6	<0.2
1066367	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1066362	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1066355	Soil		13	29	0.51	141	0.087	3	1.79	0.011	0.09	0.2	0.05	3.5	0.2	<0.05	6	<0.5	<0.2
1066360	Soil		10	14	0.05	92	0.019	4	0.82	0.007	0.02	<0.1	0.13	1.7	<0.1	0.27	1	1.1	<0.2
1066359	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1066361	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1066364	Soil		13	24	0.38	92	0.088	1	1.40	0.010	0.12	0.2	0.04	2.4	0.2	<0.05	5	<0.5	<0.2
1066353	Soil		11	20	0.37	113	0.058	2	1.30	0.011	0.08	0.1	0.04	2.2	0.2	<0.05	5	<0.5	<0.2
1066354	Soil		11	25	0.41	105	0.087	2	1.42	0.011	0.09	0.2	0.04	2.6	0.2	<0.05	5	<0.5	<0.2
1066357	Soil		10	25	0.33	116	0.056	2	1.26	0.010	0.09	0.2	0.05	2.2	0.2	0.06	4	<0.5	<0.2
1066356	Soil		14	30	0.52	149	0.085	2	1.81	0.013	0.11	0.2	0.05	3.9	0.2	<0.05	5	<0.5	<0.2
1066358	Soil		12	26	0.49	100	0.093	1	1.51	0.010	0.11	0.2	0.03	2.7	0.1	<0.05	5	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1066379	Soil	0.4	10.2	14.6	32	0.2	9.2	3.6	152	1.14	1.6	11.1	1.5	2.0	16	<0.1	0.2	0.3	20	0.25	0.086
1066378	Soil	0.8	11.9	11.4	45	0.2	14.5	5.7	259	1.93	3.9	9.8	0.6	4.4	16	0.2	0.3	0.3	39	0.25	0.072
1066380	Soil	0.6	19.5	9.1	53	<0.1	17.9	7.5	167	1.71	3.4	4.4	1.4	5.3	18	0.2	0.4	0.3	50	0.31	0.076
1066381	Soil	0.6	16.7	9.6	51	<0.1	16.6	6.4	171	1.67	3.2	3.4	2.8	4.8	17	0.1	0.3	0.2	47	0.30	0.071
1066383	Soil	0.9	13.4	15.7	65	0.1	15.5	5.7	196	2.13	4.0	6.0	1.9	4.9	18	0.1	0.3	0.3	43	0.27	0.061
1066374	Soil	2.1	20.9	20.2	43	0.6	11.6	6.5	525	2.09	3.6	21.2	2.4	0.8	29	0.2	0.2	0.6	39	0.32	0.152
1066373	Soil	1.1	18.1	12.7	47	0.2	17.1	6.9	178	2.43	4.3	8.6	1.4	2.1	18	<0.1	0.2	0.5	57	0.25	0.081
1066371	Soil	0.8	17.6	7.8	55	<0.1	20.9	9.4	355	2.51	6.4	2.7	4.0	3.9	14	0.2	0.4	0.2	52	0.23	0.056
1066372	Soil	0.9	29.4	9.1	54	0.1	20.8	9.5	393	2.72	6.1	5.9	2.5	2.3	15	0.2	0.4	0.4	55	0.22	0.081
1066377	Soil	1.4	16.0	13.5	51	0.2	15.3	8.3	630	2.32	3.4	18.3	1.8	1.9	26	0.2	0.3	0.4	42	0.32	0.100
1066366	Soil	1.8	10.5	2.7	31	0.1	8.5	172.6	7282	14.82	3.4	9.8	0.9	1.6	17	0.4	0.3	0.2	22	0.18	0.080
1066365	Soil	0.7	12.3	8.2	43	<0.1	14.7	5.4	150	1.66	2.6	4.6	1.0	2.4	12	<0.1	0.3	0.3	43	0.19	0.062
1066363	Soil	1.3	14.2	11.9	20	0.4	5.3	21.3	1413	2.14	1.2	15.7	1.4	0.3	16	0.2	0.4	0.2	16	0.22	0.126
1066376	Soil	0.7	7.5	10.8	41	<0.1	12.5	5.8	207	1.78	3.3	4.2	2.2	2.2	13	<0.1	0.3	0.3	34	0.18	0.057
1066375	Soil	0.7	16.0	10.6	53	<0.1	20.6	9.9	260	2.66	6.7	13.2	0.7	6.0	15	0.1	0.3	0.3	49	0.26	0.073
1066398	Soil	0.5	10.3	12.9	50	<0.1	14.2	8.6	365	1.96	3.7	1.4	1.6	5.1	12	0.1	0.3	0.2	41	0.19	0.045
1066411	Soil	1.1	14.9	10.3	72	<0.1	17.1	9.5	476	2.52	4.5	3.0	1.3	3.1	17	0.2	0.3	0.2	50	0.26	0.066
1066410	Soil	0.8	14.6	9.2	65	<0.1	20.8	10.1	469	2.37	5.5	1.7	2.1	3.6	12	0.2	0.3	0.2	50	0.18	0.052
1066409	Soil	1.1	13.2	11.9	61	<0.1	17.7	9.7	399	2.49	5.6	3.4	1.7	4.2	14	0.2	0.3	0.3	54	0.20	0.050
1066412	Soil	0.8	14.9	7.5	51	<0.1	12.2	5.0	215	1.76	4.0	2.4	0.8	1.1	16	0.2	0.3	0.2	41	0.22	0.066
1066386	Soil	0.5	17.2	11.2	57	<0.1	16.3	8.4	442	2.20	4.6	3.3	3.4	5.7	17	0.2	0.3	0.2	52	0.25	0.069
1066388	Soil	0.2	14.8	12.5	60	<0.1	10.7	8.2	606	2.40	2.2	2.1	<0.5	9.0	32	<0.1	0.1	0.2	50	0.56	0.083
1066392	Soil	0.7	16.1	10.1	42	<0.1	11.8	5.0	188	1.81	4.3	2.9	1.1	0.7	15	0.1	0.3	0.2	42	0.15	0.057
1066400	Soil	0.4	14.9	12.4	57	<0.1	16.4	7.8	304	1.96	4.3	4.8	1.7	4.5	15	0.1	0.3	0.2	44	0.25	0.056
1066399	Soil	0.5	15.2	13.1	59	<0.1	16.9	7.8	311	1.94	3.9	5.2	4.6	4.4	16	0.1	0.3	0.9	44	0.25	0.055
1066382	Soil	0.9	33.1	16.9	46	0.5	19.9	4.5	191	1.35	4.4	15.8	2.7	1.3	25	0.4	0.4	0.5	37	0.42	0.124
1066389	Soil	0.4	20.3	14.3	64	<0.1	17.3	7.3	300	2.19	4.6	3.6	3.0	4.4	25	0.1	0.3	0.2	53	0.33	0.066
1066387	Soil	0.3	21.9	16.0	58	<0.1	13.2	8.1	798	2.40	2.8	2.8	1.3	7.0	22	0.1	0.1	0.2	35	0.59	0.094
1066391	Soil	0.6	15.1	13.6	52	<0.1	11.7	4.5	185	1.91	4.2	3.4	2.0	0.9	22	<0.1	0.2	0.3	40	0.26	0.061
1066390	Soil	0.6	13.7	12.4	62	<0.1	14.8	7.1	373	2.20	5.0	1.6	2.6	4.0	21	<0.1	0.3	0.2	49	0.28	0.056

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

Project: ECH
Report Date: July 29, 2011

CERTIFICATE OF ANALYSIS WHI11000611.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1066379	Soil		14	22	0.30	117	0.041	2	1.29	0.007	0.15	0.2	0.09	2.8	0.2	0.06	5	<0.5	<0.2
1066378	Soil		16	27	0.48	148	0.093	<1	1.73	0.010	0.23	0.2	0.07	3.6	0.4	<0.05	6	<0.5	<0.2
1066380	Soil		15	25	0.47	110	0.086	2	1.46	0.012	0.09	0.2	0.03	3.2	0.2	<0.05	4	<0.5	<0.2
1066381	Soil		13	24	0.45	93	0.083	1	1.35	0.011	0.08	0.2	0.02	2.7	0.1	<0.05	4	<0.5	<0.2
1066383	Soil		15	30	0.50	109	0.068	1	1.91	0.009	0.19	0.1	0.08	3.6	0.3	<0.05	7	<0.5	<0.2
1066374	Soil		14	28	0.30	222	0.017	1	1.48	0.010	0.09	0.2	0.11	2.7	0.2	0.14	5	<0.5	<0.2
1066373	Soil		15	41	0.63	210	0.061	3	1.95	0.013	0.24	0.2	0.08	4.5	0.4	0.06	7	<0.5	<0.2
1066371	Soil		12	25	0.50	113	0.084	2	1.71	0.009	0.11	0.1	0.02	2.7	0.2	<0.05	5	<0.5	<0.2
1066372	Soil		13	32	0.54	197	0.081	2	1.78	0.011	0.19	0.2	0.04	3.1	0.3	<0.05	7	<0.5	<0.2
1066377	Soil		16	28	0.42	221	0.058	1	1.82	0.011	0.13	0.2	0.08	3.5	0.3	0.07	6	0.7	<0.2
1066366	Soil		12	18	0.11	212	0.024	1	1.00	0.006	0.03	0.2	0.05	2.0	0.3	0.06	2	0.8	<0.2
1066365	Soil		10	22	0.42	109	0.073	<1	1.46	0.009	0.10	0.3	0.04	2.3	0.2	<0.05	5	<0.5	<0.2
1066363	Soil		12	14	0.07	128	0.017	1	0.81	0.008	0.04	<0.1	0.17	2.0	0.3	0.21	2	<0.5	<0.2
1066376	Soil		11	23	0.32	126	0.051	1	1.43	0.008	0.10	0.1	0.06	2.0	0.2	<0.05	5	<0.5	<0.2
1066375	Soil		16	34	0.51	148	0.088	2	1.66	0.010	0.15	0.4	0.03	3.7	0.2	<0.05	5	<0.5	<0.2
1066398	Soil		10	19	0.34	76	0.063	<1	1.30	0.007	0.07	0.1	0.03	1.8	0.1	<0.05	5	<0.5	<0.2
1066411	Soil		13	25	0.46	99	0.083	2	1.38	0.014	0.16	0.5	0.05	2.3	0.3	<0.05	6	<0.5	<0.2
1066410	Soil		11	25	0.41	79	0.083	3	1.55	0.010	0.11	0.2	0.06	2.1	0.2	<0.05	5	<0.5	<0.2
1066409	Soil		12	27	0.42	91	0.085	2	1.53	0.010	0.10	0.2	0.04	2.5	0.2	<0.05	5	<0.5	<0.2
1066412	Soil		9	18	0.32	80	0.053	<1	1.09	0.015	0.09	0.1	0.05	1.6	0.1	<0.05	5	<0.5	<0.2
1066386	Soil		17	24	0.49	125	0.089	2	1.55	0.010	0.15	0.1	0.03	3.2	0.2	<0.05	5	<0.5	<0.2
1066388	Soil		26	17	0.87	205	0.069	<1	2.33	0.010	0.53	<0.1	<0.01	4.2	0.4	<0.05	8	<0.5	<0.2
1066392	Soil		11	19	0.32	100	0.039	1	1.33	0.013	0.05	<0.1	0.04	1.6	0.1	<0.05	5	0.6	<0.2
1066400	Soil		13	24	0.42	95	0.067	1	1.28	0.010	0.07	0.1	0.02	2.7	0.1	<0.05	4	<0.5	<0.2
1066399	Soil		13	24	0.44	102	0.068	<1	1.33	0.010	0.07	0.1	0.03	2.9	0.1	<0.05	4	<0.5	<0.2
1066382	Soil		17	39	0.38	276	0.044	4	1.94	0.012	0.13	0.2	0.24	4.8	0.3	0.15	6	0.8	<0.2
1066389	Soil		21	25	0.60	156	0.062	2	2.02	0.011	0.19	<0.1	0.04	3.5	0.2	<0.05	7	<0.5	<0.2
1066387	Soil		23	16	0.67	176	0.052	<1	1.80	0.009	0.52	<0.1	0.02	3.1	0.5	<0.05	7	<0.5	<0.2
1066391	Soil		10	18	0.33	105	0.028	1	1.40	0.012	0.06	<0.1	0.04	1.6	0.1	0.06	5	<0.5	<0.2
1066390	Soil		13	21	0.47	91	0.068	1	1.40	0.008	0.12	<0.1	0.03	2.2	0.2	<0.05	6	<0.5	<0.2

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Project: ECH
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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1066401	Soil	0.6	16.4	19.0	65	0.1	17.1	10.1	652	2.52	7.4	5.8	1.9	2.5	22	0.1	0.4	0.4	53	0.32	0.064
1066414	Soil	0.8	17.3	9.1	75	<0.1	21.9	8.8	398	2.60	6.1	3.4	2.1	3.8	15	0.2	0.4	0.3	55	0.23	0.062
1066413	Soil	0.4	15.8	3.7	41	<0.1	4.0	5.2	188	1.83	3.2	1.2	<0.5	0.5	11	<0.1	0.1	<0.1	44	0.19	0.063
1066393	Soil	0.7	12.3	10.4	38	0.1	9.7	4.7	164	1.84	4.5	1.8	0.6	0.8	12	<0.1	0.3	0.2	42	0.12	0.051
1066395	Soil	0.8	9.0	8.3	38	<0.1	9.7	4.3	200	1.72	4.1	0.9	1.9	2.7	12	<0.1	0.3	0.2	49	0.12	0.030
1066396	Soil	0.8	16.2	19.5	59	0.1	20.4	10.2	361	2.96	7.6	4.2	3.1	5.0	12	0.1	0.4	0.3	62	0.12	0.035
1066397	Soil	0.9	16.3	18.9	56	0.2	14.0	10.7	924	2.20	5.0	6.4	3.1	0.8	27	0.2	0.3	0.2	47	0.39	0.095
1066394	Soil	0.7	15.5	14.5	57	<0.1	17.3	7.0	319	2.40	6.0	3.3	2.0	3.1	19	0.1	0.3	0.3	58	0.27	0.059
1066403	Soil	0.2	15.1	9.8	42	<0.1	14.6	5.1	214	1.35	2.0	4.4	0.6	1.5	15	0.3	0.2	0.4	31	0.22	0.052
1066402	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1066418	Soil	1.0	9.5	10.5	43	<0.1	7.3	3.8	166	2.06	3.1	2.9	0.6	5.3	9	0.1	0.2	0.4	45	0.16	0.049
1066419	Soil	0.9	9.4	12.4	53	<0.1	12.4	6.3	306	2.14	4.2	3.3	1.8	6.3	15	0.1	0.3	0.3	41	0.26	0.075
1066417	Soil	0.8	11.9	10.0	35	<0.1	11.3	4.4	160	1.94	4.0	4.4	1.1	2.0	10	0.1	0.3	0.2	46	0.14	0.052
1066416	Soil	1.4	7.0	8.8	29	<0.1	7.4	3.4	139	1.66	3.1	1.3	2.3	3.1	9	<0.1	0.3	0.3	46	0.10	0.029
1066415	Soil	0.9	10.1	11.6	41	<0.1	12.7	6.0	235	2.07	4.5	3.6	2.5	2.6	10	<0.1	0.3	0.3	44	0.13	0.053
1066283	Soil	0.4	22.3	13.7	60	<0.1	23.0	8.7	383	2.27	5.5	4.2	2.8	5.0	39	0.1	0.3	0.1	50	0.32	0.072
1066280	Soil	0.5	25.9	11.0	58	<0.1	22.9	10.1	513	2.64	6.5	5.1	6.9	6.4	38	<0.1	0.3	0.3	57	0.31	0.081
1066282	Soil	0.4	21.8	13.6	60	<0.1	22.3	8.6	362	2.36	5.7	3.8	1.4	5.0	41	0.1	0.3	0.2	50	0.33	0.074
1066263	Soil	0.5	14.1	22.6	75	<0.1	11.9	6.7	541	2.23	4.1	11.1	1.7	3.6	11	0.2	0.3	1.8	32	0.15	0.064
1066264	Soil	0.4	13.1	16.9	57	<0.1	14.0	6.8	437	2.19	4.0	10.7	<0.5	4.7	10	0.2	0.2	1.9	38	0.15	0.055
1066267	Soil	0.9	21.7	27.6	65	<0.1	20.3	10.0	631	2.68	8.6	10.7	1.8	1.6	18	0.2	0.5	0.7	52	0.12	0.072
1066268	Soil	0.7	17.0	11.8	49	<0.1	17.7	7.2	294	2.17	5.9	1.5	2.3	2.4	13	0.2	0.4	0.2	51	0.17	0.044
1066269	Soil	1.1	17.9	21.2	70	<0.1	17.3	7.9	540	2.44	6.0	7.7	1.8	1.9	26	0.2	0.4	0.3	47	0.25	0.067
1066279	Soil	0.7	17.1	12.1	53	<0.1	16.1	8.9	436	2.61	5.7	2.7	1.9	4.6	15	<0.1	0.3	0.2	50	0.16	0.062
1066281	Soil	0.7	17.0	10.5	48	<0.1	16.3	6.8	293	2.34	6.0	0.8	3.0	1.5	14	0.1	0.4	0.1	53	0.17	0.053
1066407	Soil	0.7	14.0	9.5	51	<0.1	16.2	9.8	492	2.32	4.6	4.5	2.1	5.4	14	0.1	0.3	0.3	48	0.23	0.066
1066408	Soil	0.7	13.7	8.0	48	<0.1	15.1	9.1	436	2.10	4.3	3.9	1.3	4.2	11	0.1	0.3	0.2	45	0.19	0.060
1066406	Soil	1.4	12.7	11.0	34	0.1	9.0	4.0	247	2.08	4.6	2.1	4.2	0.6	9	0.2	0.4	0.3	56	0.09	0.074
1066405	Soil	2.4	17.4	10.1	27	0.4	8.2	27.1	4597	2.01	4.4	8.1	<0.5	0.3	25	0.3	0.3	0.7	34	0.35	0.145
1066404	Soil	0.9	19.6	10.0	59	<0.1	20.0	9.3	402	2.48	6.5	2.8	2.2	4.5	13	0.2	0.4	1.0	53	0.20	0.053

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1066401	Soil	13	27	0.45	163	0.055	2	1.54	0.009	0.09	0.1	0.05	3.0	0.1	0.05	6	<0.5	<0.2
1066414	Soil	12	30	0.54	103	0.085	2	1.56	0.012	0.13	0.2	0.04	2.7	0.2	<0.05	6	<0.5	<0.2
1066413	Soil	4	8	0.22	29	0.072	<1	0.57	0.021	0.04	<0.1	0.01	0.8	<0.1	<0.05	3	<0.5	<0.2
1066393	Soil	10	17	0.26	94	0.039	1	1.40	0.012	0.05	0.1	0.05	1.5	0.2	<0.05	5	0.6	<0.2
1066395	Soil	8	15	0.23	55	0.072	2	0.88	0.010	0.06	0.1	0.04	1.4	0.1	<0.05	6	<0.5	<0.2
1066396	Soil	12	30	0.48	116	0.065	2	2.35	0.008	0.07	0.1	0.07	3.2	0.2	<0.05	7	<0.5	<0.2
1066397	Soil	15	21	0.34	146	0.036	3	1.38	0.013	0.07	0.1	0.08	2.2	0.2	0.10	5	<0.5	<0.2
1066394	Soil	13	25	0.42	122	0.069	1	1.49	0.011	0.08	0.1	0.03	2.4	0.1	<0.05	6	<0.5	<0.2
1066403	Soil	10	27	0.41	156	0.057	1	1.43	0.011	0.06	0.5	0.04	2.3	0.2	0.06	5	<0.5	<0.2
1066402	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1066418	Soil	17	16	0.37	83	0.116	2	1.43	0.009	0.24	0.2	0.05	2.4	0.4	<0.05	8	<0.5	<0.2
1066419	Soil	17	21	0.39	85	0.074	1	1.26	0.010	0.15	0.2	0.04	2.4	0.2	<0.05	5	<0.5	<0.2
1066417	Soil	13	23	0.36	55	0.057	2	1.34	0.007	0.09	0.2	0.05	2.0	0.2	<0.05	5	<0.5	<0.2
1066416	Soil	14	14	0.25	55	0.071	1	0.86	0.008	0.11	0.1	0.04	1.5	0.2	<0.05	6	<0.5	<0.2
1066415	Soil	13	24	0.37	66	0.054	1	1.37	0.008	0.10	0.1	0.05	2.1	0.2	<0.05	5	<0.5	<0.2
1066283	Soil	16	32	0.59	148	0.080	<1	1.60	0.012	0.11	0.1	0.04	3.6	0.2	<0.05	5	<0.5	<0.2
1066280	Soil	21	32	0.75	151	0.082	1	2.10	0.010	0.21	0.1	0.03	4.2	0.3	<0.05	7	<0.5	<0.2
1066282	Soil	16	32	0.59	152	0.079	2	1.64	0.012	0.12	0.1	0.04	3.6	0.2	<0.05	5	<0.5	<0.2
1066263	Soil	11	15	0.34	78	0.039	1	1.31	0.011	0.11	0.1	0.04	1.7	0.2	<0.05	5	<0.5	<0.2
1066264	Soil	12	18	0.37	80	0.060	<1	1.38	0.009	0.12	0.2	0.03	2.0	0.2	<0.05	4	0.5	<0.2
1066267	Soil	10	26	0.43	132	0.030	1	2.04	0.008	0.07	0.2	0.07	2.1	0.2	<0.05	6	<0.5	<0.2
1066268	Soil	10	23	0.36	65	0.060	2	1.55	0.009	0.05	0.2	0.06	2.0	<0.1	<0.05	4	<0.5	<0.2
1066269	Soil	11	24	0.43	122	0.035	2	1.65	0.012	0.08	0.1	0.05	2.1	0.1	0.05	5	<0.5	<0.2
1066279	Soil	16	23	0.53	111	0.070	2	1.83	0.007	0.15	0.1	0.03	2.6	0.3	<0.05	7	<0.5	<0.2
1066281	Soil	10	27	0.44	81	0.059	2	1.66	0.009	0.06	0.1	0.05	2.2	0.1	<0.05	6	<0.5	<0.2
1066407	Soil	16	25	0.50	75	0.095	1	1.41	0.012	0.13	0.2	0.03	2.5	0.2	0.06	5	<0.5	<0.2
1066408	Soil	13	24	0.41	63	0.079	1	1.33	0.009	0.12	0.2	0.04	2.3	0.2	<0.05	4	<0.5	<0.2
1066406	Soil	7	20	0.19	56	0.056	<1	1.30	0.008	0.05	0.1	0.16	1.3	0.1	0.09	6	0.6	<0.2
1066405	Soil	10	18	0.17	210	0.023	2	0.99	0.012	0.05	0.2	0.14	1.9	0.4	0.24	3	0.6	<0.2
1066404	Soil	11	27	0.46	85	0.080	<1	1.72	0.009	0.09	0.6	0.04	2.7	0.2	<0.05	5	<0.5	<0.2

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Project: ECH
Report Date: July 29, 2011

CERTIFICATE OF ANALYSIS WHI11000611.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1066255	Soil	0.6	21.7	9.7	57	<0.1	25.3	10.5	433	2.52	7.1	1.4	3.6	3.4	16	0.2	0.5	0.3	52	0.20	0.052
1066259	Soil	0.8	22.8	15.5	63	<0.1	20.5	11.1	504	2.99	4.9	11.1	1.0	4.2	17	0.2	0.4	1.6	55	0.22	0.084
1066261	Soil	0.5	15.5	11.8	57	<0.1	18.2	8.2	430	2.50	4.1	5.7	1.6	5.8	13	0.1	0.3	2.3	50	0.20	0.068
1066257	Soil	0.9	22.6	11.6	54	<0.1	14.0	6.9	448	2.04	4.7	5.9	2.9	1.5	14	0.1	0.4	1.2	40	0.18	0.109
1066262	Soil	0.6	21.5	13.9	68	<0.1	25.1	9.9	433	2.64	5.5	5.3	3.4	5.5	18	0.2	0.4	1.3	56	0.21	0.062
1066274	Soil	0.3	8.9	27.3	59	<0.1	9.0	4.8	352	1.69	3.0	3.7	<0.5	4.4	38	0.1	0.2	0.5	24	0.26	0.044
1066272	Soil	0.9	13.3	14.3	54	<0.1	14.2	6.1	274	2.54	6.6	1.2	0.6	2.4	13	<0.1	0.5	0.3	62	0.13	0.038
1066271	Soil	1.0	12.9	14.7	43	<0.1	15.1	5.9	282	2.36	6.5	2.1	4.3	2.0	16	0.1	0.5	0.2	59	0.14	0.043
1066270	Soil	1.6	28.9	25.4	66	<0.1	27.4	14.4	1252	2.84	3.4	8.6	1.9	5.2	23	0.2	0.4	0.4	30	0.38	0.079
1066276	Soil	0.5	15.3	8.9	58	<0.1	16.9	7.7	395	2.16	4.8	2.4	1.3	4.0	18	<0.1	0.3	0.1	51	0.27	0.072
1066277	Soil	0.5	19.6	9.5	54	<0.1	19.1	7.2	327	2.15	5.0	5.4	0.8	6.1	32	0.2	0.4	0.3	52	0.36	0.081
1066278	Soil	0.6	18.3	10.2	53	<0.1	21.7	8.7	383	2.45	6.5	1.8	6.7	3.2	19	0.2	0.5	0.1	56	0.21	0.055
1066275	Soil	0.5	14.9	9.5	56	<0.1	18.9	8.1	358	2.27	5.5	1.4	1.4	3.9	18	0.2	0.4	0.1	53	0.26	0.073
1066266	Soil	0.6	21.6	20.0	72	<0.1	21.4	8.7	536	2.42	6.2	9.1	1.8	4.8	23	0.1	0.5	0.3	48	0.23	0.078
1066273	Soil	0.4	10.6	26.2	54	<0.1	10.9	5.3	354	1.86	3.4	3.5	<0.5	2.3	17	<0.1	0.3	0.7	30	0.18	0.052
1064765	Soil	0.6	27.5	5.7	53	<0.1	22.2	13.0	403	2.66	3.7	2.3	1.9	3.9	22	0.1	0.3	0.3	64	0.40	0.117
1064774	Soil	0.4	12.2	14.1	50	<0.1	13.4	6.8	384	1.80	2.7	8.4	<0.5	4.8	16	0.2	0.2	0.4	37	0.26	0.073
1064767	Soil	0.3	21.1	6.4	49	<0.1	23.4	10.1	426	2.53	2.9	2.7	<0.5	6.4	20	0.1	0.3	0.3	51	0.37	0.097
1064780	Soil	0.4	12.5	8.2	53	<0.1	11.5	5.4	443	1.77	3.4	4.1	0.7	8.9	20	0.2	0.3	0.9	35	0.25	0.053
1064773	Soil	0.5	18.0	9.5	59	<0.1	20.0	9.2	437	2.67	4.9	3.0	<0.5	7.2	17	0.1	0.3	0.4	53	0.30	0.105
1066251	Soil	0.7	20.2	10.2	64	<0.1	20.4	10.1	440	2.83	3.5	7.2	1.6	6.5	25	0.1	0.2	0.8	56	0.34	0.095
1066252	Soil	0.6	16.4	8.7	59	<0.1	16.8	7.6	449	2.63	4.7	6.2	<0.5	6.8	20	0.1	0.3	0.2	44	0.27	0.085
1064772	Soil	0.4	20.6	12.9	65	<0.1	16.7	8.2	378	2.58	3.5	7.1	<0.5	7.9	13	0.2	0.2	0.6	45	0.25	0.087
1064763	Soil	0.4	18.9	9.2	69	<0.1	19.6	10.9	579	3.05	2.8	5.6	<0.5	7.5	12	0.1	0.2	0.2	50	0.27	0.090
1064768	Soil	0.6	18.1	6.8	57	<0.1	23.0	9.5	367	2.17	5.6	1.2	0.6	3.5	18	0.2	0.5	0.2	49	0.25	0.057
1066258	Soil	0.9	14.8	16.9	63	<0.1	17.0	8.0	444	2.48	4.5	5.7	5.5	2.7	15	0.2	0.4	3.9	50	0.17	0.066
1066260	Soil	0.4	13.5	14.4	63	<0.1	16.0	8.4	506	2.68	2.9	5.7	2.2	4.1	13	<0.1	0.2	2.9	41	0.14	0.046
1066256	Soil	0.7	21.0	7.6	49	<0.1	24.3	10.1	392	2.38	6.3	0.8	2.1	2.7	16	0.1	0.4	0.2	54	0.21	0.041
1066254	Soil	0.7	16.4	11.2	46	<0.1	17.9	7.5	333	2.31	5.3	1.8	0.9	2.0	14	<0.1	0.4	3.5	49	0.17	0.051
1066253	Soil	0.4	14.9	7.3	53	<0.1	22.8	11.7	486	2.86	3.6	2.5	2.2	4.3	17	0.1	0.3	0.3	59	0.27	0.073

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1066255	Soil	11	25	0.57	120	0.096	1	1.83	0.016	0.11	0.1	0.03	2.3	0.2	0.08	5	<0.5	<0.2
1066259	Soil	17	30	0.75	229	0.123	2	2.12	0.021	0.27	0.3	0.05	3.6	0.4	0.06	8	0.7	<0.2
1066261	Soil	13	27	0.68	139	0.123	<1	1.87	0.012	0.28	0.3	0.03	2.7	0.3	<0.05	7	1.0	<0.2
1066257	Soil	11	19	0.47	74	0.067	<1	1.51	0.021	0.17	<0.1	0.11	1.5	0.3	<0.05	5	1.0	<0.2
1066262	Soil	14	33	0.67	116	0.115	2	2.11	0.014	0.16	0.2	0.03	2.8	0.2	<0.05	7	0.8	<0.2
1066274	Soil	11	12	0.38	85	0.015	<1	1.31	0.009	0.07	<0.1	0.02	1.4	0.1	<0.05	4	<0.5	<0.2
1066272	Soil	10	25	0.41	66	0.071	<1	1.79	0.008	0.05	0.1	0.04	1.9	<0.1	<0.05	7	0.8	<0.2
1066271	Soil	11	27	0.44	66	0.070	<1	1.77	0.009	0.05	0.2	0.05	1.8	0.1	<0.05	7	<0.5	<0.2
1066270	Soil	21	17	0.40	79	0.014	<1	1.03	0.008	0.12	<0.1	0.02	5.5	0.2	0.12	3	0.8	<0.2
1066276	Soil	12	22	0.55	94	0.096	<1	1.68	0.012	0.10	<0.1	0.03	2.3	0.2	<0.05	6	0.9	<0.2
1066277	Soil	15	24	0.52	121	0.094	<1	1.36	0.015	0.09	0.2	0.02	2.8	0.1	<0.05	5	1.0	<0.2
1066278	Soil	13	25	0.51	108	0.085	1	1.69	0.013	0.07	0.2	0.05	2.4	0.1	<0.05	5	0.8	<0.2
1066275	Soil	12	24	0.54	76	0.100	<1	1.74	0.012	0.09	0.2	0.04	2.4	0.2	<0.05	6	1.0	<0.2
1066266	Soil	15	24	0.49	130	0.075	<1	1.85	0.014	0.09	0.2	0.03	2.3	0.2	<0.05	5	<0.5	<0.2
1066273	Soil	12	14	0.35	71	0.023	<1	1.30	0.008	0.07	<0.1	0.03	1.2	0.1	<0.05	4	0.5	<0.2
1064765	Soil	14	38	0.69	136	0.155	<1	1.78	0.017	0.29	0.3	0.02	2.5	0.3	<0.05	7	0.6	<0.2
1064774	Soil	13	20	0.50	99	0.099	<1	1.40	0.013	0.17	0.1	0.02	2.1	0.2	<0.05	5	0.6	<0.2
1064767	Soil	17	37	0.80	153	0.164	<1	1.90	0.019	0.43	0.2	0.03	3.2	0.5	<0.05	7	0.7	<0.2
1064780	Soil	19	18	0.46	118	0.076	<1	1.47	0.010	0.21	0.1	0.02	3.1	0.3	<0.05	6	<0.5	<0.2
1064773	Soil	17	27	0.64	132	0.155	1	2.18	0.013	0.29	0.2	0.04	3.2	0.4	<0.05	7	0.9	<0.2
1066251	Soil	21	29	0.62	153	0.166	<1	1.93	0.018	0.34	0.2	0.04	4.0	0.4	<0.05	7	1.0	<0.2
1066252	Soil	17	20	0.51	109	0.119	<1	1.55	0.015	0.23	0.1	0.03	2.6	0.3	<0.05	6	0.8	<0.2
1064772	Soil	23	27	0.61	124	0.147	<1	2.19	0.011	0.42	0.2	0.04	3.2	0.4	<0.05	8	0.8	<0.2
1064763	Soil	23	37	0.78	140	0.142	<1	1.99	0.013	0.31	1.3	0.03	3.2	0.4	<0.05	9	0.6	<0.2
1064768	Soil	10	26	0.55	96	0.102	<1	1.53	0.018	0.09	0.2	0.04	2.1	0.2	<0.05	5	0.8	<0.2
1066258	Soil	13	24	0.52	91	0.095	<1	1.51	0.014	0.20	0.1	0.07	1.9	0.2	0.10	6	0.8	<0.2
1066260	Soil	12	26	0.75	158	0.112	<1	1.99	0.014	0.33	0.3	0.03	2.8	0.4	0.06	8	0.8	<0.2
1066256	Soil	10	25	0.58	84	0.095	2	1.67	0.018	0.08	0.2	0.05	2.3	0.1	0.08	4	0.8	<0.2
1066254	Soil	10	22	0.44	75	0.081	<1	1.62	0.014	0.07	0.1	0.05	1.9	0.1	0.06	6	0.8	<0.2
1066253	Soil	13	23	0.95	184	0.156	<1	2.18	0.016	0.41	0.1	0.03	3.6	0.5	<0.05	6	0.7	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1064758	Soil		0.2	1.8	20.2	43	<0.1	2.5	1.5	309	0.96	0.6	4.8	<0.5	10.4	5	<0.1	<0.1	3.0	4	0.15	0.062
1064756	Soil		0.5	15.2	11.9	62	<0.1	17.3	7.3	475	1.89	3.9	3.0	1.7	3.5	15	0.3	0.3	1.3	39	0.21	0.075
1064753	Soil		0.4	11.9	12.3	53	<0.1	15.8	9.1	464	2.42	3.1	3.1	0.6	9.7	14	0.1	0.2	0.3	44	0.23	0.084
1064782	Soil		0.7	27.3	9.4	57	<0.1	26.7	10.7	446	2.43	7.5	1.2	2.2	4.1	15	<0.1	0.5	1.5	55	0.18	0.037
1064760	Soil		0.4	8.7	32.5	51	<0.1	10.7	5.2	434	1.76	9.4	14.4	2.3	3.1	18	0.2	0.4	2.5	21	0.10	0.058
1064769	Soil		0.4	21.9	6.9	59	<0.1	20.2	10.1	378	2.62	3.4	7.3	4.9	6.7	17	0.1	0.3	0.7	48	0.28	0.090
1064759	Soil		0.2	5.9	17.5	60	<0.1	5.6	3.8	378	1.35	2.0	4.9	0.6	9.8	38	<0.1	0.1	3.9	15	0.19	0.048
1064752	Soil		0.4	15.9	10.6	64	<0.1	15.8	9.3	599	2.82	4.7	4.9	2.0	7.9	12	0.2	0.3	0.5	44	0.23	0.096
1064751	Soil		0.6	15.5	8.7	67	<0.1	19.0	8.2	378	2.49	5.1	2.9	1.3	6.0	15	0.2	0.3	0.3	48	0.25	0.084
1064764	Soil		0.4	29.3	5.1	49	<0.1	27.3	12.5	325	2.49	4.4	0.9	2.7	4.6	14	0.1	0.2	0.2	52	0.21	0.057
1064766	Soil		0.7	22.7	4.4	53	<0.1	13.8	11.2	378	2.68	2.9	2.4	<0.5	6.7	14	0.1	0.2	0.5	57	0.47	0.192
1064761	Soil		0.5	10.4	10.6	57	<0.1	12.9	5.5	371	1.68	3.8	4.5	2.9	8.5	10	0.2	0.3	3.3	30	0.24	0.089
1064754	Soil		0.6	19.9	12.0	72	<0.1	17.8	8.2	425	2.68	4.8	2.8	1.9	4.7	14	0.2	0.4	0.7	42	0.20	0.084
1064755	Soil		0.4	14.2	11.1	65	<0.1	14.2	6.8	438	2.41	3.9	7.5	0.6	4.9	15	0.1	0.3	0.9	42	0.24	0.095
1064757	Soil		0.2	1.2	15.8	38	<0.1	1.2	1.1	264	0.75	<0.5	4.5	<0.5	10.9	4	0.1	<0.1	2.9	<2	0.16	0.065
1064762	Soil		0.4	17.4	5.7	52	<0.1	22.2	9.7	332	2.65	5.4	1.6	<0.5	4.8	15	0.1	0.4	0.3	49	0.24	0.061
1066173	Soil		0.5	14.1	7.5	53	<0.1	16.4	7.5	377	2.01	4.0	2.4	<0.5	3.5	19	0.1	0.3	0.2	48	0.25	0.078
1066176	Soil		0.6	13.7	8.0	53	<0.1	17.7	6.7	246	2.38	5.1	0.7	0.8	3.0	14	0.1	0.3	0.2	42	0.20	0.064
1066171	Soil		0.9	22.5	11.0	67	<0.1	28.8	12.3	625	3.22	7.6	5.1	4.6	6.1	18	0.2	0.4	0.4	68	0.24	0.078
1066175	Soil		0.4	16.1	7.4	50	<0.1	19.0	6.8	275	2.08	3.9	1.6	2.5	5.2	18	<0.1	0.3	0.1	46	0.28	0.071
1064778	Soil		0.3	10.4	4.2	101	<0.1	18.4	34.5	387	6.60	1.8	2.7	<0.5	4.0	26	<0.1	<0.1	0.2	174	1.02	0.329
1064770	Soil		0.5	20.6	4.4	53	<0.1	17.7	10.5	374	2.74	3.2	5.3	<0.5	5.9	17	0.1	0.2	0.3	51	0.38	0.113
1064775	Soil		0.5	17.8	7.3	63	<0.1	18.9	9.9	415	2.79	3.8	5.1	3.5	7.8	16	0.2	0.2	0.2	51	0.32	0.105
1064777	Soil		0.4	15.6	7.8	51	<0.1	16.7	7.1	382	2.06	4.2	3.9	2.7	6.8	14	0.2	0.3	0.9	41	0.27	0.086
1064781	Soil		0.6	14.5	10.6	61	<0.1	16.6	6.8	400	1.99	4.2	3.7	<0.5	4.1	18	0.1	0.3	1.3	40	0.18	0.050
1064776	Soil		0.4	15.0	7.9	49	<0.1	17.2	7.5	407	1.85	3.9	2.1	1.1	4.9	13	0.1	0.3	1.6	40	0.24	0.069
1064779	Soil		0.8	26.6	6.9	75	<0.1	22.5	10.2	329	2.89	5.1	2.3	4.3	5.3	17	0.2	0.4	0.4	57	0.32	0.092
1064771	Soil		0.4	28.1	10.6	50	<0.1	9.8	7.0	751	2.00	2.0	3.7	<0.5	6.3	20	0.2	0.1	0.4	23	0.41	0.113
1064783	Soil		1.1	13.2	12.6	59	<0.1	11.5	4.6	1220	1.51	3.9	11.0	<0.5	5.4	19	0.3	0.4	17.2	22	0.25	0.057
1064784	Soil		1.0	12.8	12.7	58	<0.1	11.2	4.6	1261	1.51	4.1	11.1	3.4	5.3	18	0.3	0.4	17.6	20	0.23	0.055

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

Project: ECH
Report Date: July 29, 2011

CERTIFICATE OF ANALYSIS WHI11000611.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1064758	Soil	16	3	0.12	66	0.003	<1	0.87	0.007	0.04	<0.1	<0.01	0.4	<0.1	<0.05	3	0.6	<0.2
1064756	Soil	11	19	0.35	83	0.070	<1	1.52	0.012	0.05	0.1	0.03	1.7	0.1	<0.05	4	1.0	<0.2
1064753	Soil	23	19	0.58	137	0.119	<1	1.85	0.013	0.25	0.1	0.03	2.7	0.3	<0.05	6	0.8	<0.2
1064782	Soil	11	27	0.55	101	0.092	<1	2.06	0.015	0.06	0.1	0.04	2.7	0.1	<0.05	5	0.8	<0.2
1064760	Soil	11	11	0.23	66	0.019	<1	1.22	0.007	0.05	<0.1	0.02	0.9	0.1	0.06	3	1.0	<0.2
1064769	Soil	17	32	0.68	137	0.135	<1	1.82	0.014	0.42	0.3	0.02	3.6	0.5	<0.05	7	<0.5	<0.2
1064759	Soil	17	9	0.27	187	0.034	<1	1.33	0.007	0.13	<0.1	0.01	1.1	0.2	<0.05	4	<0.5	<0.2
1064752	Soil	20	18	0.54	147	0.096	<1	1.84	0.009	0.23	0.1	0.02	2.8	0.3	<0.05	6	<0.5	<0.2
1064751	Soil	14	24	0.50	117	0.105	<1	1.67	0.011	0.17	0.1	0.02	2.8	0.3	<0.05	6	<0.5	<0.2
1064764	Soil	10	40	0.64	96	0.119	<1	1.80	0.013	0.13	0.4	0.03	2.4	0.2	<0.05	5	<0.5	<0.2
1064766	Soil	18	25	0.59	160	0.160	<1	1.58	0.013	0.33	0.2	<0.01	2.6	0.2	<0.05	6	0.7	<0.2
1064761	Soil	15	15	0.29	87	0.055	<1	1.34	0.009	0.08	0.2	0.02	1.4	0.1	<0.05	4	0.6	<0.2
1064754	Soil	15	22	0.43	122	0.087	<1	1.88	0.011	0.15	0.1	0.05	2.3	0.2	<0.05	6	0.8	<0.2
1064755	Soil	15	20	0.40	120	0.073	<1	1.62	0.009	0.16	0.1	0.02	2.9	0.2	<0.05	5	<0.5	<0.2
1064757	Soil	15	2	0.09	65	0.002	<1	0.83	0.006	0.04	<0.1	<0.01	0.5	<0.1	<0.05	2	<0.5	<0.2
1064762	Soil	13	25	0.64	119	0.115	1	1.81	0.013	0.20	0.2	0.04	2.5	0.2	<0.05	5	0.6	<0.2
1066173	Soil	13	24	0.42	117	0.091	<1	1.51	0.013	0.09	0.2	0.02	2.6	0.2	<0.05	5	<0.5	<0.2
1066176	Soil	9	25	0.40	71	0.075	<1	2.08	0.009	0.06	0.2	0.07	2.5	0.1	<0.05	5	0.9	<0.2
1066171	Soil	17	42	0.67	164	0.116	<1	2.30	0.013	0.16	0.2	0.05	3.8	0.3	<0.05	7	<0.5	<0.2
1066175	Soil	13	27	0.49	124	0.108	1	1.84	0.010	0.14	0.3	0.01	2.9	0.3	<0.05	5	<0.5	<0.2
1064778	Soil	23	46	3.60	855	0.218	<1	4.15	0.028	1.71	0.1	<0.01	5.8	0.9	<0.05	14	<0.5	<0.2
1064770	Soil	14	28	0.72	160	0.155	<1	1.78	0.014	0.40	0.1	0.02	3.2	0.4	<0.05	6	<0.5	<0.2
1064775	Soil	22	29	0.59	128	0.150	<1	1.89	0.014	0.34	0.1	0.04	3.6	0.4	<0.05	7	<0.5	<0.2
1064777	Soil	17	19	0.43	104	0.099	<1	1.45	0.011	0.19	0.1	0.02	2.4	0.2	<0.05	4	0.6	<0.2
1064781	Soil	11	20	0.38	120	0.067	<1	1.65	0.009	0.09	0.1	0.04	2.2	0.2	<0.05	4	0.6	<0.2
1064776	Soil	12	20	0.40	86	0.087	<1	1.49	0.011	0.11	<0.1	0.03	2.1	0.1	<0.05	4	0.8	<0.2
1064779	Soil	22	37	0.63	130	0.127	1	1.94	0.013	0.23	0.3	0.03	3.4	0.3	<0.05	6	<0.5	<0.2
1064771	Soil	19	13	0.45	149	0.085	<1	1.87	0.007	0.53	0.1	0.01	2.8	0.8	<0.05	8	<0.5	<0.2
1064783	Soil	66	15	0.34	358	0.039	<1	1.34	0.008	0.14	0.1	<0.01	2.4	0.2	<0.05	5	0.8	<0.2
1064784	Soil	65	16	0.33	352	0.038	<1	1.33	0.007	0.13	0.1	0.03	2.3	0.2	<0.05	5	<0.5	<0.2

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Project: ECH
Report Date: July 29, 2011

QUALITY CONTROL REPORT WHI11000611.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1064863	Soil	1.1	20.5	15.5	67	0.1	21.1	10.0	634	3.30	9.4	7.8	2.5	2.0	21	<0.1	0.5	0.4	69	0.21	0.061
REP 1064863	QC	1.0	19.4	15.1	65	0.1	19.3	10.1	605	3.22	9.0	7.5	0.5	2.0	20	0.1	0.5	0.4	68	0.20	0.061
1064872	Soil	0.8	12.5	10.4	54	<0.1	13.3	7.1	399	2.46	4.9	2.3	1.4	1.5	15	<0.1	0.3	0.3	50	0.17	0.069
REP 1064872	QC	0.8	12.3	10.4	54	0.1	13.8	7.1	398	2.49	4.7	2.4	0.6	1.5	15	<0.1	0.3	0.4	52	0.19	0.071
1064828	Soil	0.8	12.3	8.9	44	<0.1	13.1	5.8	257	2.11	4.6	2.0	<0.5	5.1	13	<0.1	0.4	0.7	50	0.20	0.061
REP 1064828	QC	0.7	12.6	9.0	45	<0.1	13.1	5.8	252	2.11	4.2	2.0	1.4	4.6	12	0.1	0.5	1.1	51	0.19	0.061
1064804	Soil	0.5	12.4	7.5	57	<0.1	15.1	5.9	346	1.79	4.9	7.7	3.0	3.4	15	0.1	0.4	1.4	37	0.22	0.065
REP 1064804	QC	0.4	12.8	7.7	56	<0.1	15.6	6.2	350	1.88	4.9	7.8	1.6	3.7	14	0.1	0.4	1.5	37	0.22	0.064
1064829	Soil	0.8	13.1	8.3	32	0.1	10.2	4.9	162	1.94	5.7	1.7	4.2	1.2	11	0.2	0.4	0.6	51	0.12	0.050
REP 1064829	QC	0.9	12.9	8.2	33	0.1	10.5	5.0	161	1.93	5.6	1.7	4.5	1.2	12	0.2	0.4	0.5	52	0.11	0.048
1064786	Soil	0.9	20.8	16.5	68	<0.1	23.2	11.8	715	3.16	9.6	4.0	2.7	4.2	18	0.2	0.5	0.4	69	0.23	0.066
REP 1064786	QC	0.9	20.9	16.5	69	<0.1	23.1	11.7	711	3.14	9.5	4.0	3.2	4.4	19	0.2	0.5	0.4	70	0.24	0.067
1033848	Soil	0.7	17.1	10.8	66	<0.1	18.9	8.0	402	2.54	6.8	4.1	<0.5	3.5	20	<0.1	0.3	0.2	55	0.31	0.069
REP 1033848	QC	0.8	17.8	11.0	68	<0.1	19.9	8.5	401	2.68	6.6	4.4	<0.5	3.5	20	<0.1	0.3	0.2	57	0.30	0.072
1066369	Soil	0.2	5.6	10.6	30	<0.1	9.6	3.7	120	1.25	0.9	3.6	3.1	6.4	10	<0.1	0.3	0.2	27	0.21	0.060
REP 1066369	QC	0.2	5.9	9.8	29	<0.1	10.0	3.7	123	1.24	0.5	3.5	2.3	5.7	10	<0.1	0.2	0.2	26	0.21	0.057
1066354	Soil	0.4	11.5	8.3	42	<0.1	14.9	5.1	137	1.56	3.5	2.6	5.2	3.7	16	0.1	0.3	0.4	43	0.26	0.065
REP 1066354	QC	0.3	10.9	8.0	41	<0.1	14.5	5.1	135	1.52	3.4	2.6	2.6	3.7	15	0.1	0.3	0.3	42	0.26	0.065
1066366	Soil	1.8	10.5	2.7	31	0.1	8.5	172.6	7282	14.82	3.4	9.8	0.9	1.6	17	0.4	0.3	0.2	22	0.18	0.080
REP 1066366	QC	2.0	10.5	2.7	31	0.1	8.0	167.0	6998	13.81	3.1	9.8	0.6	1.6	17	0.3	0.3	0.2	21	0.17	0.078
1066418	Soil	1.0	9.5	10.5	43	<0.1	7.3	3.8	166	2.06	3.1	2.9	0.6	5.3	9	0.1	0.2	0.4	45	0.16	0.049
REP 1066418	QC	1.0	9.0	11.5	41	<0.1	7.3	3.8	167	2.01	2.9	2.9	2.2	5.2	9	0.1	0.2	0.3	44	0.15	0.047
1066279	Soil	0.7	17.1	12.1	53	<0.1	16.1	8.9	436	2.61	5.7	2.7	1.9	4.6	15	<0.1	0.3	0.2	50	0.16	0.062
REP 1066279	QC	0.6	17.7	12.8	54	<0.1	16.4	8.9	448	2.62	5.8	2.7	1.2	4.6	16	<0.1	0.3	0.2	50	0.17	0.063
1066271	Soil	1.0	12.9	14.7	43	<0.1	15.1	5.9	282	2.36	6.5	2.1	4.3	2.0	16	0.1	0.5	0.2	59	0.14	0.043
REP 1066271	QC	1.0	13.8	15.5	48	<0.1	16.3	6.7	311	2.65	7.5	2.2	2.0	2.3	16	0.1	0.5	0.3	67	0.14	0.048
1064758	Soil	0.2	1.8	20.2	43	<0.1	2.5	1.5	309	0.96	0.6	4.8	<0.5	10.4	5	<0.1	<0.1	3.0	4	0.15	0.062
REP 1064758	QC	0.1	1.8	20.2	41	<0.1	2.1	1.4	299	0.98	0.5	4.9	<0.5	10.7	5	0.2	<0.1	3.1	3	0.16	0.065

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Project: ECH
Report Date: July 29, 2011

QUALITY CONTROL REPORT WHI11000611.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1064863	Soil	16	33	0.58	198	0.058	<1	2.24	0.012	0.08	0.2	0.05	3.0	0.2	<0.05	8	<0.5	<0.2
REP 1064863	QC	16	32	0.58	197	0.059	2	2.28	0.012	0.08	0.2	0.04	3.0	0.2	<0.05	8	<0.5	<0.2
1064872	Soil	12	26	0.51	101	0.062	1	1.67	0.011	0.09	0.1	0.02	2.0	0.2	0.05	6	<0.5	<0.2
REP 1064872	QC	13	25	0.51	100	0.066	1	1.61	0.012	0.10	0.1	0.03	2.0	0.2	0.06	6	<0.5	<0.2
1064828	Soil	14	20	0.49	65	0.117	<1	1.33	0.012	0.11	0.2	0.02	1.8	0.2	<0.05	6	<0.5	<0.2
REP 1064828	QC	12	20	0.46	62	0.109	<1	1.33	0.011	0.11	0.2	0.02	1.8	0.2	<0.05	6	<0.5	<0.2
1064804	Soil	10	17	0.40	76	0.063	1	1.17	0.011	0.07	0.1	0.02	1.6	0.1	<0.05	4	<0.5	<0.2
REP 1064804	QC	10	16	0.40	76	0.063	<1	1.20	0.012	0.07	0.1	0.03	1.6	0.2	<0.05	4	<0.5	<0.2
1064829	Soil	9	18	0.23	72	0.065	<1	1.24	0.015	0.05	0.1	0.06	1.3	0.1	<0.05	6	<0.5	<0.2
REP 1064829	QC	9	18	0.23	73	0.067	<1	1.21	0.011	0.05	0.1	0.05	1.4	0.1	<0.05	5	<0.5	<0.2
1064786	Soil	15	33	0.53	182	0.081	<1	2.03	0.010	0.10	0.2	0.04	3.4	0.2	<0.05	7	<0.5	<0.2
REP 1064786	QC	15	33	0.54	183	0.080	<1	2.02	0.011	0.10	0.2	0.04	3.5	0.2	<0.05	7	<0.5	<0.2
1033848	Soil	12	29	0.53	163	0.078	1	1.73	0.013	0.11	0.2	0.02	2.9	0.2	<0.05	6	0.7	<0.2
REP 1033848	QC	12	29	0.54	170	0.079	2	1.79	0.012	0.11	0.2	0.04	3.1	0.2	<0.05	6	<0.5	<0.2
1066369	Soil	14	22	0.41	106	0.111	1	1.54	0.008	0.17	<0.1	0.03	2.6	0.4	<0.05	7	<0.5	<0.2
REP 1066369	QC	13	22	0.39	107	0.104	1	1.47	0.007	0.17	0.1	0.03	2.5	0.3	<0.05	7	0.8	<0.2
1066354	Soil	11	25	0.41	105	0.087	2	1.42	0.011	0.09	0.2	0.04	2.6	0.2	<0.05	5	<0.5	<0.2
REP 1066354	QC	10	25	0.40	101	0.087	1	1.39	0.011	0.09	0.2	0.04	2.4	0.2	<0.05	5	<0.5	<0.2
1066366	Soil	12	18	0.11	212	0.024	1	1.00	0.006	0.03	0.2	0.05	2.0	0.3	0.06	2	0.8	<0.2
REP 1066366	QC	11	18	0.11	205	0.023	1	0.98	0.006	0.03	0.1	0.05	1.8	0.4	<0.05	2	0.6	<0.2
1066418	Soil	17	16	0.37	83	0.116	2	1.43	0.009	0.24	0.2	0.05	2.4	0.4	<0.05	8	<0.5	<0.2
REP 1066418	QC	16	17	0.35	82	0.115	1	1.40	0.007	0.23	0.2	0.05	2.3	0.4	<0.05	8	<0.5	<0.2
1066279	Soil	16	23	0.53	111	0.070	2	1.83	0.007	0.15	0.1	0.03	2.6	0.3	<0.05	7	<0.5	<0.2
REP 1066279	QC	15	23	0.56	113	0.070	1	1.84	0.008	0.15	0.1	0.04	2.6	0.2	<0.05	7	<0.5	<0.2
1066271	Soil	11	27	0.44	66	0.070	<1	1.77	0.009	0.05	0.2	0.05	1.8	0.1	<0.05	7	<0.5	<0.2
REP 1066271	QC	11	30	0.48	72	0.078	1	1.81	0.009	0.05	0.2	0.05	2.0	0.1	<0.05	7	0.6	<0.2
1064758	Soil	16	3	0.12	66	0.003	<1	0.87	0.007	0.04	<0.1	<0.01	0.4	<0.1	<0.05	3	0.6	<0.2
REP 1064758	QC	16	3	0.12	64	0.003	<1	0.90	0.007	0.04	<0.1	<0.01	0.4	<0.1	<0.05	3	0.7	<0.2

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

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

Project: ECH
Report Date: July 29, 2011

QUALITY CONTROL REPORT WHI11000611.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1066171	Soil	0.9	22.5	11.0	67	<0.1	28.8	12.3	625	3.22	7.6	5.1	4.6	6.1	18	0.2	0.4	0.4	68	0.24	0.078
REP 1066171	QC	0.8	22.8	11.0	66	<0.1	30.9	11.8	640	3.23	7.3	5.0	4.1	6.5	17	0.2	0.5	0.4	67	0.23	0.078
Reference Materials																					
STD DS8	Standard	12.5	105.4	115.1	310	1.8	35.9	7.2	604	2.52	24.0	2.6	105.0	6.6	64	2.3	5.3	5.9	34	0.69	0.077
STD DS8	Standard	12.2	105.8	112.7	301	1.7	36.5	6.9	602	2.46	23.5	2.6	101.0	6.5	63	2.2	5.0	5.6	36	0.67	0.077
STD DS8	Standard	10.8	99.7	116.7	296	1.7	33.4	7.0	564	2.39	25.8	2.6	110.8	6.2	59	2.1	5.0	6.1	37	0.62	0.073
STD DS8	Standard	12.3	97.7	116.0	280	1.7	31.3	6.4	555	2.36	23.8	2.6	103.0	6.7	60	2.0	4.9	5.9	39	0.61	0.073
STD DS8	Standard	12.8	105.0	124.4	304	1.6	36.8	7.2	612	2.49	28.0	2.5	123.0	6.2	60	2.0	5.1	5.8	42	0.66	0.078
STD DS8	Standard	13.0	111.3	127.0	323	1.7	39.3	7.8	653	2.55	28.0	2.6	113.8	6.6	61	1.9	5.4	6.0	43	0.70	0.081
STD DS8	Standard	13.3	109.3	140.8	316	1.8	37.3	7.3	631	2.53	26.5	2.9	117.7	7.0	77	2.2	6.2	7.3	41	0.69	0.077
STD DS8	Standard	12.6	103.1	140.1	308	1.9	35.2	7.2	640	2.48	25.1	3.0	108.1	7.4	77	2.3	6.3	7.4	41	0.67	0.078
STD DS8	Standard	13.1	107.6	140.8	311	1.9	38.2	7.3	633	2.49	27.5	2.7	110.1	6.8	80	2.3	6.6	7.3	43	0.69	0.078
STD DS8	Standard	12.9	106.9	137.2	317	1.8	37.4	7.1	621	2.54	26.4	2.9	121.3	6.8	78	2.3	6.4	7.5	43	0.68	0.078
STD DS8	Standard	12.9	107.2	119.4	288	1.7	36.0	7.4	574	2.30	25.1	2.5	101.6	6.3	61	2.2	5.0	5.8	41	0.65	0.075
STD DS8	Standard	12.4	108.3	119.8	290	1.7	37.4	7.5	564	2.28	25.3	2.7	110.4	6.6	61	2.1	5.1	5.9	40	0.65	0.075
STD DS8	Standard	14.0	113.9	127.3	300	1.7	38.1	7.8	600	2.40	27.2	2.7	110.5	7.0	65	2.4	5.5	6.3	42	0.68	0.078
STD DS8	Standard	13.5	110.6	124.9	300	1.7	37.4	7.7	591	2.39	25.9	2.7	103.6	6.8	65	2.2	5.1	6.0	41	0.67	0.076
STD DS8	Standard	12.9	109.6	118.0	294	1.7	37.4	7.3	583	2.34	25.8	2.7	109.9	6.2	64	2.3	5.4	6.1	41	0.65	0.079
STD DS8	Standard	12.9	105.0	118.7	284	1.6	36.0	7.2	566	2.26	24.4	2.5	124.2	6.3	60	2.1	5.2	6.0	40	0.63	0.073
STD DS8	Standard	12.5	105.0	133.5	299	1.7	36.8	7.1	589	2.36	24.8	2.8	110.3	7.2	71	2.2	6.0	6.4	42	0.71	0.074
STD DS8	Standard	12.7	99.0	131.7	290	1.7	36.0	7.2	589	2.37	24.3	2.8	105.2	6.8	67	2.0	5.4	6.1	41	0.65	0.074
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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www.acmelab.com

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

Project: ECH
Report Date: July 29, 2011

QUALITY CONTROL REPORT WHI11000611.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1066171	Soil	17	42	0.67	164	0.116	<1	2.30	0.013	0.16	0.2	0.05	3.8	0.3	<0.05	7	<0.5	<0.2
REP 1066171	QC	17	42	0.68	164	0.114	1	2.25	0.013	0.16	0.2	0.04	3.9	0.3	<0.05	7	0.6	<0.2
Reference Materials																		
STD DS8	Standard	15	111	0.55	271	0.111	2	0.91	0.093	0.42	3.0	0.18	2.3	5.3	0.12	5	5.1	5.4
STD DS8	Standard	15	110	0.55	267	0.111	2	0.88	0.076	0.42	2.9	0.19	2.1	5.4	0.10	5	6.0	5.1
STD DS8	Standard	13	108	0.51	250	0.103	2	0.86	0.074	0.40	3.0	0.20	2.0	5.3	0.14	4	4.4	4.5
STD DS8	Standard	14	104	0.51	259	0.103	3	0.83	0.066	0.39	2.8	0.17	2.0	5.4	0.08	4	4.9	4.9
STD DS8	Standard	13	112	0.60	276	0.107	3	0.89	0.088	0.40	3.1	0.23	2.0	5.2	0.16	5	5.5	5.0
STD DS8	Standard	14	120	0.63	294	0.110	3	0.93	0.088	0.41	3.1	0.24	2.1	5.6	0.18	5	5.0	4.9
STD DS8	Standard	15	122	0.62	259	0.127	3	0.92	0.108	0.42	3.0	0.21	2.2	5.5	0.15	5	5.4	4.9
STD DS8	Standard	15	118	0.62	260	0.126	3	0.91	0.100	0.41	2.8	0.22	2.2	5.7	0.16	5	4.8	5.6
STD DS8	Standard	16	121	0.63	289	0.133	3	0.94	0.095	0.45	3.1	0.20	2.1	5.5	0.10	5	5.9	5.3
STD DS8	Standard	15	118	0.62	272	0.129	3	0.93	0.097	0.42	2.9	0.21	2.1	5.5	0.18	5	5.9	5.2
STD DS8	Standard	14	111	0.57	263	0.108	2	0.85	0.089	0.41	2.8	0.18	2.0	4.8	0.13	4	4.8	4.5
STD DS8	Standard	14	111	0.58	266	0.109	2	0.88	0.088	0.40	2.7	0.19	2.1	4.9	0.13	5	4.6	4.8
STD DS8	Standard	15	117	0.61	279	0.114	1	0.93	0.094	0.42	3.1	0.18	2.4	5.1	0.17	5	5.1	4.8
STD DS8	Standard	15	115	0.59	273	0.109	2	0.90	0.095	0.41	2.8	0.19	2.3	5.1	0.14	5	4.4	5.1
STD DS8	Standard	14	113	0.60	275	0.108	3	0.86	0.087	0.42	3.0	0.21	2.0	5.1	0.17	4	4.4	4.8
STD DS8	Standard	14	109	0.56	263	0.106	2	0.83	0.083	0.39	2.8	0.20	2.1	4.9	0.13	4	4.6	4.4
STD DS8	Standard	15	118	0.58	264	0.127	2	0.86	0.081	0.40	3.0	0.18	1.9	5.0	0.16	5	5.2	5.2
STD DS8	Standard	15	115	0.59	259	0.123	2	0.88	0.084	0.40	2.6	0.20	1.8	4.9	0.17	5	5.8	5.2
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

Project: ECH
Report Date: July 29, 2011

QUALITY CONTROL REPORT WHI11000611.1

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

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Project: ECH
Report Date: July 29, 2011

QUALITY CONTROL REPORT WHI11000611.1

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

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

Submitted By: Mike Skead
Receiving Lab: Canada-Whitehorse
Received: July 15, 2011
Report Date: August 06, 2011
Page: 1 of 11

CERTIFICATE OF ANALYSIS WHI11000688.1

CLIENT JOB INFORMATION

Project: ECH
Shipment ID:
P.O. Number
Number of Samples: 285

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	285	Dry at 60C			VAN
SS80	285	Dry at 60C sieve 100g to -80 mesh			VAN
1DX2	285	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Vancouver BC V6C 1H2 Canada

Project: ECH
Report Date: August 06, 2011

CERTIFICATE OF ANALYSIS WHI11000688.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1066151	Soil		0.7	18.5	9.2	64	<0.1	18.5	6.8	331	2.02	5.0	5.8	3.8	3.4	11	0.2	0.4	1.0	44	0.21	0.071
1066152	Soil		0.8	21.5	8.8	74	<0.1	24.9	10.1	439	3.00	8.6	2.9	5.4	3.4	12	0.2	0.5	0.6	62	0.19	0.065
1066154	Soil		0.5	14.9	8.4	70	<0.1	23.4	10.0	539	2.79	4.1	12.1	3.6	5.0	13	0.2	0.2	0.8	53	0.27	0.094
1066153	Soil		0.7	16.9	8.1	58	<0.1	22.7	9.1	382	2.68	4.9	3.9	1.3	4.5	11	0.1	0.3	0.9	56	0.20	0.062
1066155	Soil		0.7	20.5	8.1	64	<0.1	19.5	8.6	505	2.32	6.6	7.2	1.7	1.6	11	0.2	0.4	0.5	50	0.19	0.074
1066180	Soil		0.4	27.0	7.7	57	<0.1	34.5	11.1	399	2.83	6.3	5.3	2.6	6.6	25	<0.1	0.3	0.4	66	0.38	0.092
1066182	Soil		0.5	36.4	17.8	92	<0.1	54.6	25.9	1179	5.05	6.8	4.3	1.2	8.2	33	0.2	0.3	0.3	129	0.57	0.096
1066181	Soil		0.5	33.7	15.3	83	<0.1	46.3	22.1	970	4.32	6.6	4.0	2.3	7.3	28	0.2	0.3	0.3	109	0.45	0.089
1066183	Soil		0.4	26.0	9.1	64	<0.1	27.8	10.2	300	2.48	4.8	5.2	2.5	5.4	35	<0.1	0.4	0.2	59	0.38	0.094
1066184	Soil		0.2	18.2	25.9	84	<0.1	14.0	6.7	547	2.64	3.7	6.4	2.6	6.6	62	0.1	0.2	3.0	30	0.59	0.112
1066177	Soil		0.8	14.6	10.5	40	<0.1	14.4	6.0	217	2.66	6.8	0.7	2.2	1.8	9	<0.1	0.5	0.6	70	0.13	0.045
1066178	Soil		0.6	15.9	7.3	52	<0.1	21.7	8.5	243	2.28	5.8	0.7	1.6	3.2	14	0.1	0.4	0.3	50	0.23	0.062
1066172	Soil		0.7	20.8	9.7	63	<0.1	35.3	13.0	537	3.08	7.8	2.1	<0.5	4.8	18	<0.1	0.4	0.2	74	0.27	0.078
1066174	Soil		0.4	15.6	8.7	51	<0.1	17.7	8.2	290	2.15	4.7	3.1	<0.5	4.1	14	0.1	0.3	0.2	51	0.27	0.082
1066179	Soil		0.5	29.2	12.8	75	<0.1	47.4	14.0	491	3.71	6.9	4.9	1.6	8.2	23	<0.1	0.3	0.8	79	0.33	0.086
1066168	Soil		0.7	16.5	11.1	48	<0.1	16.2	5.7	157	2.13	4.2	2.8	4.2	5.0	12	0.1	0.4	0.3	43	0.24	0.073
1066162	Soil		0.7	18.2	10.0	61	<0.1	20.3	8.4	411	2.43	6.3	5.2	2.6	3.4	12	0.3	0.4	0.3	52	0.21	0.066
1066167	Soil		1.1	18.1	9.5	55	<0.1	18.5	8.7	414	2.78	7.6	1.6	7.3	2.4	10	0.2	0.5	0.2	61	0.14	0.049
1066169	Soil		0.9	14.3	8.1	44	<0.1	11.9	6.4	316	2.20	6.0	0.7	2.0	0.7	10	<0.1	0.4	0.2	48	0.11	0.067
1066170	Soil		0.9	21.2	16.8	75	<0.1	21.5	9.6	518	2.86	7.3	6.2	5.4	5.6	14	0.1	0.4	0.2	59	0.21	0.076
1066161	Soil		0.5	16.4	8.6	52	<0.1	17.8	7.4	333	2.20	4.4	3.5	<0.5	3.0	10	0.1	0.3	0.3	52	0.18	0.050
1066164	Soil		0.8	19.4	14.0	61	<0.1	19.9	9.7	466	3.09	6.5	7.4	2.7	2.8	11	0.2	0.4	1.0	59	0.14	0.063
1066166	Soil		1.2	20.7	8.9	51	<0.1	18.7	7.6	301	2.70	7.6	2.8	2.7	2.8	11	0.1	0.5	0.3	59	0.15	0.046
1066163	Soil		0.8	14.8	10.0	54	<0.1	16.2	7.6	367	2.39	4.7	5.0	3.7	3.6	10	0.2	0.3	0.5	47	0.20	0.071
1066165	Soil		0.8	17.5	7.0	53	<0.1	18.5	8.3	367	2.24	4.1	3.7	0.8	4.8	13	0.1	0.3	0.5	48	0.26	0.079
1066158	Soil		0.6	18.1	7.4	59	<0.1	19.3	8.2	363	2.31	5.4	4.9	4.3	4.1	12	0.2	0.4	0.3	49	0.20	0.070
1066156	Soil		0.8	20.9	9.6	59	<0.1	21.9	9.2	406	2.71	6.9	8.4	1.0	2.7	10	0.2	0.4	0.5	59	0.14	0.053
1066157	Soil		0.7	20.0	7.7	59	<0.1	19.4	7.7	373	2.34	6.2	3.7	2.9	2.2	11	0.1	0.4	0.4	53	0.18	0.057
1066159	Soil		0.6	21.2	9.0	67	<0.1	21.7	9.6	518	2.49	6.4	6.8	4.3	4.0	12	0.2	0.4	0.5	53	0.22	0.076
1066160	Soil		0.9	16.3	8.1	52	<0.1	16.0	6.3	283	2.24	5.2	3.0	1.4	1.3	11	0.3	0.4	0.4	52	0.16	0.063

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

Project: ECH
Report Date: August 06, 2011

CERTIFICATE OF ANALYSIS WHI11000688.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1066151	Soil	12	20	0.35	77	0.062	<1	1.46	0.009	0.05	0.1	0.03	1.8	<0.1	0.05	4	<0.5	<0.2
1066152	Soil	11	35	0.63	104	0.100	2	1.95	0.009	0.12	0.2	0.03	2.6	0.2	0.06	7	<0.5	<0.2
1066154	Soil	14	37	0.91	176	0.143	<1	2.22	0.014	0.49	0.2	0.03	3.5	0.5	0.06	9	<0.5	<0.2
1066153	Soil	14	33	0.69	117	0.126	1	2.01	0.010	0.22	0.2	0.04	3.0	0.4	0.07	7	<0.5	<0.2
1066155	Soil	10	24	0.43	99	0.076	1	1.57	0.013	0.13	0.1	0.06	1.9	0.2	0.10	6	<0.5	<0.2
1066180	Soil	24	59	0.89	198	0.146	<1	2.16	0.012	0.22	0.9	0.03	4.4	0.3	0.06	7	<0.5	<0.2
1066182	Soil	32	106	2.77	224	0.140	<1	3.69	0.009	0.19	0.2	0.02	10.2	0.3	0.05	14	<0.5	<0.2
1066181	Soil	29	84	2.17	198	0.130	1	3.25	0.009	0.17	0.2	0.02	7.9	0.3	<0.05	12	<0.5	<0.2
1066183	Soil	18	39	0.83	181	0.124	1	2.02	0.013	0.20	0.2	0.04	4.2	0.3	<0.05	6	<0.5	<0.2
1066184	Soil	19	19	0.62	218	0.030	<1	2.05	0.008	0.24	<0.1	0.03	3.9	0.3	<0.05	6	<0.5	<0.2
1066177	Soil	9	27	0.36	71	0.092	1	1.70	0.007	0.05	0.2	0.04	2.1	0.1	0.06	8	<0.5	<0.2
1066178	Soil	11	28	0.53	79	0.101	1	1.96	0.011	0.09	0.2	0.04	2.6	0.1	<0.05	5	<0.5	<0.2
1066172	Soil	15	56	0.95	131	0.128	1	2.54	0.011	0.15	0.2	0.02	3.5	0.3	<0.05	8	<0.5	<0.2
1066174	Soil	14	29	0.49	108	0.105	<1	1.79	0.012	0.11	0.2	0.03	3.5	0.2	<0.05	6	<0.5	<0.2
1066179	Soil	22	84	1.15	219	0.165	<1	3.22	0.010	0.29	0.6	0.02	5.3	0.5	0.06	10	<0.5	<0.2
1066168	Soil	17	24	0.46	98	0.090	<1	1.67	0.008	0.12	0.1	0.04	2.5	0.2	0.06	6	<0.5	<0.2
1066162	Soil	12	26	0.50	104	0.090	1	1.71	0.010	0.11	0.2	0.04	2.3	0.2	0.05	6	<0.5	<0.2
1066167	Soil	11	28	0.46	95	0.090	1	1.80	0.009	0.07	0.1	0.05	2.3	0.2	0.06	6	<0.5	<0.2
1066169	Soil	7	21	0.27	78	0.053	1	1.60	0.011	0.04	0.1	0.05	1.4	<0.1	0.08	5	0.7	<0.2
1066170	Soil	18	29	0.52	145	0.085	1	2.12	0.010	0.11	0.3	0.06	3.3	0.2	<0.05	6	0.6	<0.2
1066161	Soil	11	34	0.51	95	0.093	<1	1.64	0.008	0.11	0.3	0.03	2.2	0.2	<0.05	6	<0.5	<0.2
1066164	Soil	12	32	0.59	126	0.082	1	2.27	0.009	0.15	0.2	0.04	3.0	0.3	<0.05	7	<0.5	<0.2
1066166	Soil	12	26	0.47	94	0.089	<1	1.73	0.008	0.09	0.2	0.05	2.3	0.2	<0.05	6	<0.5	<0.2
1066163	Soil	12	25	0.47	93	0.087	1	1.55	0.008	0.15	0.2	0.03	2.3	0.2	<0.05	6	<0.5	<0.2
1066165	Soil	12	22	0.50	124	0.106	1	1.47	0.012	0.17	0.2	0.01	2.5	0.2	<0.05	4	<0.5	<0.2
1066158	Soil	12	25	0.50	121	0.102	1	1.55	0.011	0.14	0.2	0.01	2.2	0.3	<0.05	6	<0.5	<0.2
1066156	Soil	12	34	0.52	115	0.100	1	1.88	0.009	0.12	0.1	0.04	2.3	0.2	<0.05	7	<0.5	<0.2
1066157	Soil	11	25	0.45	94	0.079	1	1.55	0.011	0.09	0.1	0.04	2.1	0.2	<0.05	5	<0.5	<0.2
1066159	Soil	12	26	0.54	135	0.099	1	1.80	0.012	0.14	0.2	0.03	2.4	0.3	<0.05	6	<0.5	<0.2
1066160	Soil	10	22	0.39	94	0.072	1	1.54	0.008	0.09	0.1	0.06	1.8	0.2	<0.05	6	<0.5	<0.2

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Project: ECH
Report Date: August 06, 2011

CERTIFICATE OF ANALYSIS WHI11000688.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1070659	Soil		0.5	20.7	7.3	54	<0.1	19.5	7.9	304	2.33	5.4	2.0	2.5	4.6	14	0.1	0.4	0.3	52	0.26	0.078
1070657	Soil		0.3	15.4	16.9	49	<0.1	12.0	5.9	429	1.83	4.2	4.7	2.0	12.5	17	0.1	0.3	0.3	29	0.30	0.077
1070658	Soil		0.6	24.2	9.0	52	<0.1	19.4	9.0	320	2.72	4.8	2.6	3.5	4.8	12	<0.1	0.4	0.2	56	0.19	0.064
1070652	Soil		0.8	18.8	8.8	53	<0.1	21.3	8.3	317	2.42	7.2	0.9	2.7	3.4	12	0.1	0.5	0.4	55	0.16	0.038
1070662	Soil		0.4	15.1	8.8	61	<0.1	17.8	7.6	272	2.07	3.2	2.8	2.5	4.9	13	0.2	0.3	0.8	49	0.23	0.057
1199500	Soil		0.7	13.6	11.5	47	<0.1	14.8	5.7	304	2.04	4.9	2.4	4.0	2.3	10	<0.1	0.4	0.9	48	0.12	0.035
1070679	Soil		1.0	18.0	14.7	60	<0.1	22.4	7.8	327	2.72	9.2	3.7	7.2	2.3	15	0.2	0.6	1.0	65	0.17	0.067
1070680	Soil		0.1	12.7	10.6	39	<0.1	11.3	4.4	100	1.46	3.2	1.6	2.9	5.0	17	<0.1	0.3	0.6	38	0.22	0.037
1070678	Soil		0.7	22.1	12.5	76	<0.1	24.1	9.2	563	2.40	7.7	3.7	1.7	3.3	14	0.3	0.5	0.8	52	0.19	0.070
1070676	Soil		0.8	16.6	6.9	46	<0.1	11.5	5.0	191	1.72	4.6	1.2	1.2	1.0	14	0.1	0.3	0.4	43	0.14	0.048
1070675	Soil		0.3	16.1	10.3	47	<0.1	16.9	6.4	232	1.93	4.7	3.2	4.6	3.2	11	0.1	0.4	0.5	46	0.14	0.033
1070677	Soil		1.1	14.0	11.2	47	<0.1	16.0	7.3	271	2.48	7.6	0.8	1.6	2.4	11	0.1	0.5	0.4	57	0.13	0.034
1070683	Soil		0.8	25.0	12.0	66	<0.1	24.9	10.0	459	2.61	9.4	2.7	2.2	2.6	12	0.2	0.6	0.6	57	0.14	0.042
1070681	Soil		0.7	13.5	16.3	48	<0.1	12.8	10.0	522	1.98	6.3	1.9	0.8	3.0	8	0.2	0.3	1.0	38	0.16	0.066
1070682	Soil		0.5	12.4	17.6	50	<0.1	14.3	4.8	215	1.80	4.8	3.9	0.6	4.0	11	0.1	0.3	1.5	39	0.21	0.056
1070672	Soil		0.7	13.2	8.3	44	<0.1	12.9	5.0	169	1.80	5.2	0.7	1.6	2.6	11	0.2	0.4	0.4	46	0.16	0.045
1070663	Soil		0.4	17.2	7.4	51	<0.1	17.4	7.9	319	2.20	4.9	3.7	3.1	5.7	13	0.1	0.3	0.5	50	0.23	0.062
1070669	Soil		0.5	21.5	10.1	53	<0.1	20.9	6.9	224	2.19	6.5	1.0	2.0	3.8	14	0.1	0.4	0.3	49	0.20	0.046
1070670	Soil		0.8	16.4	11.0	46	<0.1	16.7	8.1	348	2.38	7.5	3.1	1.2	2.4	13	<0.1	0.5	0.4	50	0.17	0.064
1070667	Soil		0.5	18.5	6.8	46	<0.1	16.3	6.1	202	1.87	4.7	1.1	0.5	5.0	12	0.1	0.4	0.4	41	0.21	0.047
1070655	Soil		0.4	11.6	7.5	57	<0.1	14.2	6.0	216	1.76	3.6	1.6	<0.5	4.8	14	0.2	0.3	0.5	39	0.23	0.066
1070656	Soil		1.2	27.0	18.6	80	0.1	25.2	12.8	935	3.67	10.1	5.6	1.8	4.2	14	0.2	0.6	1.1	69	0.21	0.095
1070664	Soil		0.7	21.4	7.5	56	<0.1	19.9	9.3	393	2.27	6.4	1.9	3.6	3.7	12	0.2	0.4	0.3	50	0.19	0.051
1070666	Soil		0.6	16.3	8.0	46	<0.1	16.8	6.4	253	1.96	4.8	3.5	1.7	3.8	13	<0.1	0.3	0.3	46	0.18	0.044
1070671	Soil		0.5	15.4	12.5	47	<0.1	15.5	6.2	311	1.95	5.5	2.4	1.9	3.9	12	<0.1	0.3	0.6	43	0.17	0.043
1070651	Soil		0.4	20.9	9.4	58	<0.1	15.6	8.0	262	2.66	4.0	2.9	4.4	7.5	19	0.1	0.3	0.8	48	0.29	0.090
1070654	Soil		0.4	14.8	8.2	49	<0.1	14.7	7.0	312	2.09	3.4	3.7	2.3	6.2	20	<0.1	0.3	0.6	44	0.32	0.067
1070653	Soil		0.5	15.9	9.1	53	<0.1	16.6	7.3	422	1.94	4.4	2.0	2.2	5.1	14	0.2	0.3	1.1	45	0.23	0.061
1070661	Soil		0.5	16.5	6.9	49	<0.1	17.7	8.1	324	2.15	4.5	1.6	1.7	5.0	14	<0.1	0.3	0.4	46	0.24	0.063
1070660	Soil		0.6	17.9	6.9	48	<0.1	18.3	7.5	292	2.15	5.6	2.4	2.3	4.8	14	0.1	0.4	0.3	48	0.23	0.053

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1070659	Soil	15	28	0.49	128	0.101	<1	1.77	0.011	0.10	0.2	0.03	3.1	0.2	<0.05	5	<0.5	<0.2
1070657	Soil	19	15	0.28	87	0.049	1	0.91	0.016	0.08	<0.1	0.01	2.5	<0.1	<0.05	3	<0.5	<0.2
1070658	Soil	17	29	0.50	105	0.093	<1	1.90	0.010	0.13	0.2	0.03	3.3	0.2	0.06	6	<0.5	<0.2
1070652	Soil	10	26	0.47	88	0.076	2	1.87	0.010	0.06	0.2	0.04	2.5	0.1	0.06	5	<0.5	<0.2
1070662	Soil	14	26	0.51	111	0.098	<1	1.66	0.012	0.11	0.1	0.03	2.7	0.2	<0.05	5	<0.5	<0.2
1199500	Soil	10	23	0.33	66	0.054	3	1.51	0.008	0.04	0.1	0.03	1.6	0.1	0.06	4	<0.5	<0.2
1070679	Soil	8	33	0.42	156	0.064	3	2.14	0.009	0.07	0.2	0.05	2.8	0.1	0.09	7	<0.5	<0.2
1070680	Soil	13	22	0.30	124	0.054	1	1.52	0.007	0.04	0.1	0.02	2.9	0.1	<0.05	4	<0.5	<0.2
1070678	Soil	11	26	0.39	166	0.061	2	1.91	0.010	0.06	0.2	0.03	2.7	0.1	<0.05	5	<0.5	<0.2
1070676	Soil	7	16	0.26	82	0.047	2	1.29	0.016	0.03	0.1	0.03	1.3	<0.1	0.05	4	<0.5	<0.2
1070675	Soil	11	26	0.36	106	0.067	2	1.82	0.009	0.05	0.1	0.03	2.2	0.1	<0.05	5	<0.5	<0.2
1070677	Soil	9	25	0.39	95	0.064	2	1.91	0.009	0.06	0.1	0.03	2.1	0.1	<0.05	5	<0.5	<0.2
1070683	Soil	11	28	0.49	181	0.058	2	1.96	0.011	0.07	0.1	0.03	2.8	0.1	<0.05	5	<0.5	<0.2
1070681	Soil	11	22	0.27	74	0.027	<1	1.35	0.009	0.06	0.1	0.04	1.6	0.1	<0.05	4	<0.5	<0.2
1070682	Soil	11	22	0.34	84	0.051	2	1.38	0.008	0.05	0.1	0.02	1.9	<0.1	<0.05	4	<0.5	<0.2
1070672	Soil	9	21	0.32	70	0.063	2	1.56	0.008	0.05	0.1	0.04	2.0	<0.1	<0.05	4	<0.5	<0.2
1070663	Soil	13	26	0.51	102	0.122	2	1.85	0.011	0.15	0.1	0.03	2.9	0.2	<0.05	6	<0.5	<0.2
1070669	Soil	10	26	0.47	107	0.071	2	1.74	0.011	0.07	0.1	0.02	2.6	<0.1	<0.05	4	<0.5	<0.2
1070670	Soil	11	26	0.43	129	0.044	1	1.93	0.009	0.05	0.1	0.04	2.5	0.1	<0.05	5	<0.5	<0.2
1070667	Soil	15	22	0.40	88	0.074	2	1.65	0.009	0.07	0.1	0.03	2.7	0.2	<0.05	4	<0.5	<0.2
1070655	Soil	13	19	0.38	79	0.077	1	1.57	0.009	0.07	<0.1	0.02	1.9	0.1	<0.05	4	<0.5	<0.2
1070656	Soil	14	38	0.55	154	0.066	3	2.60	0.009	0.13	0.2	0.07	3.8	0.2	<0.05	7	0.5	<0.2
1070664	Soil	11	24	0.44	101	0.076	2	1.66	0.013	0.06	0.1	0.06	2.4	0.1	<0.05	5	<0.5	<0.2
1070666	Soil	14	22	0.41	80	0.078	1	1.61	0.010	0.06	0.1	0.03	2.2	0.1	<0.05	5	<0.5	<0.2
1070671	Soil	12	21	0.39	75	0.058	2	1.62	0.008	0.06	0.1	0.03	2.0	0.1	<0.05	4	<0.5	<0.2
1070651	Soil	24	25	0.55	202	0.086	<1	1.70	0.012	0.17	0.1	0.02	4.2	0.2	<0.05	6	<0.5	<0.2
1070654	Soil	16	25	0.53	117	0.082	<1	1.85	0.009	0.19	0.2	0.03	3.2	0.3	<0.05	6	<0.5	<0.2
1070653	Soil	14	23	0.39	90	0.083	1	1.56	0.011	0.08	0.1	0.03	2.2	0.1	<0.05	4	<0.5	<0.2
1070661	Soil	14	24	0.49	93	0.103	<1	1.76	0.011	0.11	<0.1	0.03	2.2	0.2	<0.05	5	<0.5	<0.2
1070660	Soil	13	24	0.46	94	0.097	1	1.66	0.012	0.09	0.1	0.02	2.7	0.1	<0.05	5	<0.5	<0.2

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600 - 666 Burrard St.
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Project: ECH
Report Date: August 06, 2011

CERTIFICATE OF ANALYSIS WHI11000688.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1064710	Soil	0.6	14.8	15.0	61	<0.1	14.8	7.5	537	2.28	4.0	8.0	3.5	6.3	16	0.2	0.2	1.0	39	0.28	0.080
1064711	Soil	0.8	14.0	13.9	53	<0.1	11.8	4.8	239	2.11	4.6	4.6	0.9	0.6	11	0.2	0.3	0.8	43	0.11	0.073
1064714	Soil	0.9	11.4	9.6	43	<0.1	11.2	6.2	329	2.26	4.2	2.5	1.8	2.3	8	0.2	0.3	0.5	49	0.10	0.054
1064732	Soil	0.7	11.3	10.9	45	<0.1	11.3	5.7	391	2.08	4.3	5.7	1.1	1.4	13	<0.1	0.2	1.0	42	0.15	0.070
1064724	Soil	0.6	14.0	9.0	52	<0.1	16.9	7.5	347	2.16	4.7	2.6	1.5	5.7	13	0.2	0.3	0.4	42	0.25	0.076
1070668	Soil	0.6	19.1	8.5	48	<0.1	18.5	6.4	197	2.16	5.7	1.1	3.6	3.8	14	<0.1	0.4	0.3	49	0.21	0.049
1064707	Soil	0.5	12.9	8.1	51	<0.1	16.1	8.7	409	2.46	2.9	5.1	<0.5	9.2	15	<0.1	0.2	0.6	41	0.36	0.097
1064712	Soil	0.4	12.3	13.2	56	<0.1	12.5	6.8	478	2.11	2.6	5.1	2.4	6.3	14	0.1	0.2	0.5	32	0.26	0.068
1064706	Soil	0.8	20.4	8.3	44	<0.1	12.5	6.5	341	1.88	4.6	5.3	2.1	2.2	17	0.2	0.3	0.4	40	0.20	0.062
1064705	Soil	0.6	18.3	11.0	68	<0.1	15.2	8.5	589	2.52	4.0	14.1	1.2	5.3	18	0.3	0.3	0.7	39	0.32	0.082
1070673	Soil	0.9	20.7	16.1	70	0.2	20.2	7.2	350	2.65	7.8	6.7	5.6	3.1	13	0.2	0.6	1.9	55	0.14	0.059
1070665	Soil	0.7	16.7	8.1	63	<0.1	18.6	8.6	433	2.46	7.2	1.6	2.4	2.9	16	0.2	0.5	0.4	51	0.22	0.073
1070674	Soil	0.7	16.8	13.6	62	0.1	17.8	6.3	239	2.23	6.0	5.0	1.5	2.2	13	0.1	0.5	1.4	49	0.15	0.058
1064704	Soil	0.5	14.1	13.2	62	<0.1	14.1	8.1	585	2.39	3.5	10.7	0.5	5.6	21	0.1	0.2	1.2	40	0.29	0.087
1064702	Soil	0.8	17.8	16.6	79	<0.1	19.5	9.3	580	2.52	6.0	23.8	1.1	6.3	17	0.2	0.4	1.4	46	0.27	0.095
1064720	Soil	0.5	13.8	9.2	57	<0.1	16.7	7.7	397	2.31	4.7	5.0	<0.5	4.8	15	0.1	0.3	0.7	41	0.22	0.072
1064721	Soil	0.7	13.0	4.8	24	<0.1	4.9	2.4	91	1.17	1.9	0.6	<0.5	0.2	11	<0.1	0.2	0.2	28	0.09	0.054
1064727	Soil	0.4	10.8	13.0	59	<0.1	9.5	5.1	389	1.69	3.8	4.4	3.2	3.4	10	0.1	0.3	0.8	26	0.14	0.066
1064731	Soil	0.5	13.2	8.5	51	<0.1	12.9	6.4	334	2.01	3.5	6.2	2.6	2.9	14	<0.1	0.3	0.5	41	0.16	0.057
1064725	Soil	0.6	12.7	9.4	59	<0.1	14.6	6.9	391	2.22	4.2	5.2	0.8	4.1	13	0.1	0.3	0.7	41	0.17	0.067
1064701	Soil	0.7	18.2	9.0	59	<0.1	11.7	6.9	369	2.36	4.0	12.7	<0.5	1.4	16	0.2	0.4	0.7	39	0.25	0.112
1064703	Soil	0.8	17.1	17.2	82	<0.1	19.9	9.5	595	2.62	5.7	21.6	<0.5	6.6	17	0.3	0.4	1.4	45	0.28	0.098
1064733	Soil	0.8	13.3	13.2	52	0.1	14.1	12.9	1060	2.70	5.5	6.5	2.9	1.8	15	0.1	0.3	1.6	46	0.14	0.082
1064728	Soil	0.6	11.4	9.7	55	<0.1	13.3	8.0	495	2.55	3.9	4.9	1.3	4.5	13	0.1	0.3	0.6	47	0.17	0.067
1064722	Soil	0.6	14.2	12.3	61	<0.1	12.9	6.8	392	2.24	4.1	4.7	1.1	3.1	13	0.2	0.3	1.0	39	0.15	0.074
1064715	Soil	0.7	15.9	10.3	60	<0.1	17.3	8.9	413	2.64	5.2	3.9	1.2	4.1	14	0.2	0.4	0.5	51	0.18	0.074
1064723	Soil	0.5	9.5	3.7	18	<0.1	3.4	2.1	77	0.95	1.1	0.7	<0.5	0.1	10	0.1	0.1	0.1	23	0.07	0.043
1064709	Soil	0.4	10.6	6.8	48	<0.1	11.6	6.9	347	2.12	2.4	2.8	<0.5	4.9	12	0.1	0.3	0.3	41	0.19	0.076
1064708	Soil	0.9	24.4	5.9	39	<0.1	12.9	4.6	188	1.55	5.3	1.2	2.0	0.9	28	0.1	0.4	0.3	37	0.21	0.034
1064713	Soil	0.4	13.4	11.5	57	<0.1	12.1	7.9	588	2.26	2.2	3.6	<0.5	6.2	12	0.2	0.2	0.4	35	0.25	0.088

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Project: ECH
Report Date: August 06, 2011

CERTIFICATE OF ANALYSIS WHI11000688.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1064710	Soil	16	22	0.54	134	0.074	<1	1.61	0.010	0.18	<0.1	0.03	2.5	0.2	<0.05	5	<0.5	<0.2
1064711	Soil	9	20	0.36	80	0.039	1	1.40	0.011	0.09	<0.1	0.10	1.2	0.2	0.07	6	<0.5	<0.2
1064714	Soil	10	21	0.37	73	0.071	1	1.41	0.009	0.11	0.1	0.03	1.7	0.2	<0.05	6	<0.5	<0.2
1064732	Soil	13	19	0.40	104	0.043	<1	1.64	0.011	0.09	<0.1	0.03	1.6	0.2	<0.05	6	<0.5	<0.2
1064724	Soil	13	22	0.47	77	0.082	<1	1.44	0.012	0.11	0.1	0.03	2.0	0.2	<0.05	5	<0.5	<0.2
1070668	Soil	13	26	0.45	98	0.074	<1	1.72	0.009	0.06	0.1	0.04	2.9	0.1	<0.05	5	<0.5	<0.2
1064707	Soil	20	24	0.82	149	0.106	<1	1.79	0.013	0.34	0.1	0.02	2.9	0.3	<0.05	6	<0.5	<0.2
1064712	Soil	17	20	0.52	128	0.067	<1	1.66	0.009	0.26	0.1	0.03	2.3	0.3	<0.05	6	<0.5	<0.2
1064706	Soil	10	18	0.38	78	0.062	2	1.32	0.025	0.10	0.1	0.07	1.8	0.2	<0.05	5	<0.5	<0.2
1064705	Soil	16	21	0.51	137	0.084	<1	1.63	0.017	0.20	<0.1	0.06	3.0	0.3	<0.05	6	<0.5	<0.2
1070673	Soil	13	30	0.46	112	0.059	1	1.95	0.010	0.07	0.2	0.06	2.8	0.2	<0.05	6	<0.5	<0.2
1070665	Soil	10	25	0.50	100	0.083	1	1.60	0.011	0.09	0.2	0.05	2.3	0.2	<0.05	5	<0.5	<0.2
1070674	Soil	13	25	0.43	93	0.052	<1	1.79	0.010	0.06	0.1	0.04	2.3	0.1	<0.05	5	0.5	<0.2
1064704	Soil	18	23	0.63	135	0.080	<1	1.85	0.014	0.22	0.1	0.02	3.0	0.3	<0.05	6	<0.5	<0.2
1064702	Soil	19	27	0.59	119	0.076	<1	1.93	0.012	0.20	0.2	0.03	2.8	0.3	<0.05	7	<0.5	<0.2
1064720	Soil	13	22	0.62	122	0.097	<1	1.62	0.012	0.18	0.1	0.02	2.2	0.3	<0.05	6	<0.5	<0.2
1064721	Soil	4	11	0.14	41	0.041	<1	0.80	0.020	0.04	<0.1	0.07	0.8	<0.1	<0.05	4	<0.5	<0.2
1064727	Soil	11	12	0.34	70	0.032	<1	1.29	0.007	0.09	0.1	0.02	1.3	0.2	<0.05	4	<0.5	<0.2
1064731	Soil	12	20	0.49	108	0.080	<1	1.53	0.013	0.13	0.1	0.01	2.4	0.2	<0.05	5	<0.5	<0.2
1064725	Soil	13	21	0.50	95	0.085	<1	1.53	0.011	0.17	0.1	0.03	2.2	0.2	<0.05	6	<0.5	<0.2
1064701	Soil	11	16	0.41	91	0.063	<1	1.44	0.020	0.10	<0.1	0.06	2.1	0.2	<0.05	5	0.7	<0.2
1064703	Soil	20	28	0.61	119	0.077	<1	2.00	0.012	0.22	0.1	0.03	2.7	0.4	<0.05	7	<0.5	<0.2
1064733	Soil	12	21	0.46	119	0.051	<1	1.82	0.010	0.09	0.1	0.05	2.4	0.2	<0.05	6	<0.5	<0.2
1064728	Soil	14	26	0.75	150	0.105	<1	1.94	0.011	0.31	0.2	0.02	3.3	0.4	<0.05	7	<0.5	<0.2
1064722	Soil	14	18	0.51	124	0.077	<1	1.64	0.012	0.16	<0.1	0.04	1.9	0.2	<0.05	6	<0.5	<0.2
1064715	Soil	15	26	0.59	123	0.095	<1	1.84	0.011	0.14	0.1	0.03	2.7	0.2	<0.05	7	<0.5	<0.2
1064723	Soil	3	7	0.08	39	0.036	<1	0.76	0.024	0.03	<0.1	0.05	0.5	<0.1	<0.05	3	<0.5	<0.2
1064709	Soil	15	19	0.56	95	0.102	<1	1.38	0.013	0.16	0.1	0.04	2.3	0.2	<0.05	6	<0.5	<0.2
1064708	Soil	6	19	0.33	66	0.055	<1	1.20	0.046	0.04	<0.1	0.04	1.6	0.1	<0.05	4	<0.5	<0.2
1064713	Soil	19	17	0.67	106	0.077	<1	1.99	0.010	0.38	<0.1	0.06	2.5	0.4	<0.05	8	<0.5	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1066304	Soil		0.3	10.3	12.6	42	<0.1	10.4	5.6	383	1.86	2.5	8.1	<0.5	6.9	13	0.1	0.3	0.6	25	0.24	0.076
1066305	Soil		0.8	15.4	8.2	60	<0.1	20.7	11.7	392	2.70	6.7	2.1	3.0	3.9	16	0.2	0.6	0.4	55	0.21	0.065
1066306	Soil		0.4	16.0	6.1	73	<0.1	20.9	11.2	377	2.75	4.5	1.5	3.7	4.5	15	0.2	0.3	0.3	59	0.27	0.087
1066307	Soil		0.8	15.5	8.2	77	<0.1	18.3	9.0	454	2.25	4.7	2.2	1.6	3.9	18	0.3	0.4	0.5	42	0.25	0.084
1066308	Soil		0.8	16.0	10.6	59	<0.1	16.9	8.5	525	2.51	3.5	7.0	2.7	7.0	23	0.2	0.3	3.8	45	0.34	0.112
1064718	Soil		0.7	15.9	11.6	56	<0.1	16.0	7.6	429	2.56	5.1	3.9	<0.5	3.3	21	0.2	0.4	0.6	47	0.20	0.064
1064717	Soil		0.7	15.5	9.8	56	<0.1	14.1	7.3	394	2.41	4.3	4.2	0.6	3.5	17	0.2	0.3	0.5	43	0.18	0.064
1066301	Soil		0.6	15.8	6.5	62	<0.1	20.9	10.1	447	2.56	4.5	2.1	<0.5	6.5	18	0.2	0.4	0.2	50	0.29	0.087
1066302	Soil		0.7	16.8	8.4	63	<0.1	16.0	8.3	488	2.36	4.1	4.3	<0.5	5.7	16	0.2	0.4	0.2	45	0.27	0.092
1066303	Soil		0.7	13.3	6.7	18	0.1	4.6	1.9	48	1.16	1.8	1.4	0.7	<0.1	9	0.2	0.3	0.2	31	0.08	0.114
1064716	Soil		0.6	17.9	7.1	55	<0.1	20.9	9.1	413	2.44	5.1	2.6	0.9	5.2	18	0.2	0.4	0.4	51	0.33	0.101
1064730	Soil		0.5	11.2	9.6	46	<0.1	11.6	5.8	258	2.08	2.8	5.1	0.8	2.4	15	0.1	0.2	0.5	40	0.16	0.058
1064726	Soil		0.6	15.0	8.5	59	<0.1	16.9	8.1	427	2.44	4.6	5.3	0.8	4.6	15	0.1	0.4	0.5	48	0.21	0.082
1064729	Soil		0.4	8.9	10.4	47	<0.1	10.5	5.5	331	1.91	2.7	4.2	<0.5	5.5	10	0.2	0.2	0.9	31	0.15	0.060
1064719	Soil		0.6	16.2	9.8	68	<0.1	17.8	8.7	500	2.53	5.1	5.8	1.1	5.2	13	0.2	0.4	0.6	41	0.19	0.081
1066331	Soil		0.6	24.7	6.8	66	<0.1	23.8	9.7	356	2.51	7.6	1.2	2.3	3.0	18	0.3	0.5	0.3	53	0.29	0.082
1066332	Soil		0.5	16.7	8.6	72	<0.1	19.0	8.1	342	2.51	7.6	1.0	1.2	2.0	14	0.3	0.4	0.3	47	0.22	0.085
1066313	Soil		0.6	19.2	6.6	69	<0.1	15.7	10.2	430	3.16	5.4	1.1	1.0	2.4	14	0.3	0.3	0.2	73	0.24	0.083
1066314	Soil		0.5	10.7	12.2	58	<0.1	10.7	4.7	364	2.22	5.2	3.7	1.8	1.2	9	0.2	0.3	0.5	38	0.15	0.068
1066315	Soil		0.7	16.4	9.0	88	<0.1	15.5	6.6	561	2.00	5.9	7.9	1.4	2.4	11	0.2	0.4	0.2	35	0.21	0.132
1066326	Soil		0.5	16.7	7.8	53	<0.1	15.6	5.9	243	1.95	4.3	3.2	5.7	3.2	13	0.2	0.3	0.3	41	0.21	0.061
1066327	Soil		0.7	16.4	8.6	42	<0.1	12.2	5.2	265	1.90	7.2	1.9	3.9	0.7	8	0.2	0.4	0.7	36	0.12	0.115
1066328	Soil		0.3	11.7	5.9	55	<0.1	11.7	5.2	297	1.54	2.5	7.3	2.0	4.3	11	0.2	0.2	0.7	33	0.22	0.086
1066329	Soil		0.6	20.9	9.3	78	<0.1	17.9	6.8	347	2.05	5.1	13.2	0.9	4.5	20	0.4	0.3	0.9	44	0.30	0.107
1066330	Soil		0.6	21.1	9.2	80	<0.1	19.1	7.5	407	2.14	5.2	14.4	2.0	4.7	20	0.4	0.4	0.9	47	0.32	0.109
1066310	Soil		1.1	17.9	8.7	60	<0.1	18.9	8.2	344	2.81	7.4	1.5	2.4	2.0	11	0.2	0.4	1.6	61	0.17	0.085
1066309	Soil		0.7	16.4	7.2	73	<0.1	18.2	7.9	449	2.21	5.9	3.5	3.3	3.0	12	0.3	0.4	1.2	44	0.21	0.088
1066311	Soil		0.6	22.2	10.0	85	<0.1	20.1	9.1	344	2.53	6.0	9.2	2.3	5.4	20	0.3	0.4	1.9	50	0.33	0.125
1066312	Soil		0.5	18.0	6.7	67	<0.1	17.2	7.4	392	2.18	4.8	3.6	1.8	4.2	17	0.2	0.3	0.3	45	0.31	0.092
1066325	Soil		0.5	12.0	7.4	48	<0.1	11.4	4.3	137	1.98	4.2	2.9	1.1	3.2	11	0.2	0.3	0.4	40	0.20	0.080

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

Project: ECH
Report Date: August 06, 2011

CERTIFICATE OF ANALYSIS WHI11000688.1

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1066304	Soil	15	14	0.56	97	0.079	<1	1.40	0.009	0.32	0.1	0.02	2.2	0.4	<0.05	5	<0.5	<0.2
1066305	Soil	13	26	0.49	93	0.092	<1	1.80	0.014	0.09	0.2	0.04	2.6	0.2	<0.05	5	<0.5	<0.2
1066306	Soil	12	27	0.69	159	0.160	<1	2.07	0.015	0.27	0.3	0.04	3.5	0.4	<0.05	7	<0.5	<0.2
1066307	Soil	12	20	0.43	100	0.082	<1	1.54	0.014	0.12	0.2	0.04	2.3	0.2	<0.05	5	<0.5	<0.2
1066308	Soil	19	21	0.57	156	0.107	<1	1.67	0.014	0.24	2.2	0.02	3.1	0.3	<0.05	6	<0.5	<0.2
1064718	Soil	13	23	0.58	158	0.087	<1	1.89	0.015	0.15	0.1	0.05	2.5	0.3	<0.05	7	<0.5	<0.2
1064717	Soil	14	22	0.56	131	0.091	<1	1.81	0.018	0.18	0.1	0.04	2.5	0.3	<0.05	6	<0.5	<0.2
1066301	Soil	17	24	0.58	112	0.128	<1	1.81	0.019	0.22	0.2	0.02	2.8	0.3	<0.05	6	<0.5	<0.2
1066302	Soil	16	20	0.45	113	0.106	<1	1.54	0.016	0.24	0.1	0.04	2.6	0.3	<0.05	6	<0.5	<0.2
1066303	Soil	5	13	0.06	52	0.016	<1	0.76	0.012	0.03	<0.1	0.16	0.4	<0.1	0.08	4	0.7	<0.2
1064716	Soil	14	26	0.65	118	0.113	1	1.53	0.013	0.16	0.2	0.03	2.9	0.2	<0.05	5	<0.5	<0.2
1064730	Soil	12	20	0.57	190	0.081	<1	1.71	0.012	0.17	0.1	0.03	2.3	0.3	<0.05	7	<0.5	<0.2
1064726	Soil	14	23	0.55	126	0.101	<1	1.71	0.011	0.18	0.1	0.03	2.7	0.3	<0.05	6	<0.5	<0.2
1064729	Soil	16	14	0.50	95	0.067	<1	1.53	0.008	0.21	0.1	0.02	1.9	0.3	<0.05	6	<0.5	<0.2
1064719	Soil	16	21	0.64	107	0.090	<1	1.80	0.012	0.22	0.1	0.04	2.3	0.3	<0.05	6	<0.5	<0.2
1066331	Soil	9	26	0.55	121	0.074	2	1.69	0.013	0.06	0.2	0.04	3.1	<0.1	<0.05	5	0.6	<0.2
1066332	Soil	8	25	0.42	89	0.058	2	1.78	0.010	0.05	0.2	0.06	2.2	<0.1	<0.05	5	0.6	<0.2
1066313	Soil	9	23	0.62	130	0.141	1	1.93	0.010	0.26	0.2	0.05	3.8	0.4	<0.05	8	0.5	<0.2
1066314	Soil	9	18	0.26	58	0.040	<1	1.09	0.007	0.04	<0.1	0.03	1.2	<0.1	<0.05	6	0.6	<0.2
1066315	Soil	8	17	0.29	69	0.039	1	1.30	0.010	0.05	0.1	0.07	1.6	0.1	<0.05	4	0.8	<0.2
1066326	Soil	10	22	0.38	84	0.064	<1	1.40	0.009	0.05	0.1	0.03	2.4	<0.1	<0.05	4	0.5	<0.2
1066327	Soil	7	18	0.25	44	0.032	1	1.54	0.008	0.04	0.1	0.15	1.1	0.1	0.09	5	1.3	<0.2
1066328	Soil	11	15	0.24	74	0.058	<1	1.08	0.009	0.05	<0.1	0.02	2.0	<0.1	<0.05	3	<0.5	<0.2
1066329	Soil	13	22	0.40	122	0.073	<1	1.39	0.017	0.06	0.1	0.03	3.1	0.1	<0.05	4	<0.5	<0.2
1066330	Soil	13	22	0.41	129	0.075	1	1.41	0.017	0.06	0.1	0.04	3.4	<0.1	<0.05	4	<0.5	<0.2
1066310	Soil	9	26	0.46	100	0.093	<1	1.85	0.010	0.09	0.6	0.06	2.4	0.2	<0.05	9	0.6	<0.2
1066309	Soil	10	21	0.42	89	0.069	<1	1.54	0.011	0.09	0.2	0.05	2.2	0.2	<0.05	5	0.7	<0.2
1066311	Soil	17	25	0.57	141	0.091	1	1.90	0.017	0.16	0.2	0.04	3.7	0.2	<0.05	7	0.5	<0.2
1066312	Soil	12	22	0.43	98	0.087	<1	1.44	0.014	0.10	0.2	0.02	2.6	0.1	<0.05	5	<0.5	<0.2
1066325	Soil	12	20	0.36	73	0.072	<1	1.60	0.008	0.09	0.1	0.04	2.3	0.2	<0.05	6	<0.5	<0.2

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

Project: ECH
Report Date: August 06, 2011

CERTIFICATE OF ANALYSIS WHI11000688.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1069102	Soil		0.6	15.4	12.2	72	<0.1	19.0	8.6	430	2.60	8.3	2.0	2.1	2.7	13	0.2	0.4	0.3	54	0.22	0.069
1069269	Soil		1.0	18.4	6.6	66	<0.1	20.2	9.6	496	2.59	4.1	10.6	2.4	4.7	14	0.2	0.2	1.9	51	0.33	0.115
1069270	Soil		0.9	17.8	11.8	59	<0.1	15.3	6.8	389	2.07	4.3	6.4	1.2	3.6	15	0.2	0.3	0.5	37	0.25	0.087
1068270	Soil		0.9	20.1	10.2	57	<0.1	19.7	8.7	452	2.45	7.1	11.7	4.4	3.2	17	0.2	0.4	0.8	47	0.27	0.082
1069303	Soil		1.2	19.1	15.1	70	<0.1	17.0	8.2	527	2.83	7.0	8.1	5.5	2.1	12	0.2	0.5	0.4	53	0.17	0.082
1066321	Soil		0.6	16.8	6.7	51	<0.1	20.2	8.6	359	2.43	5.9	1.9	1.0	3.7	15	0.2	0.3	1.1	48	0.25	0.073
1066322	Soil		0.7	17.0	7.1	60	<0.1	18.1	7.9	374	2.38	6.2	2.3	3.3	3.0	14	0.2	0.4	1.0	48	0.24	0.086
1066323	Soil		0.6	14.5	6.1	48	<0.1	14.8	5.8	275	1.95	4.7	2.4	3.3	2.0	11	0.1	0.3	0.4	42	0.19	0.072
1066324	Soil		0.7	18.4	6.2	57	<0.1	18.2	7.7	357	2.27	4.6	6.2	3.4	4.2	15	0.2	0.3	0.3	47	0.27	0.100
1067184	Soil		0.8	11.9	13.7	51	<0.1	10.9	7.0	637	2.33	4.3	10.7	0.5	1.8	13	<0.1	0.2	0.8	35	0.17	0.063
1066316	Soil		0.5	14.9	6.1	80	<0.1	17.0	6.1	329	1.92	4.3	4.0	1.5	3.0	14	0.3	0.3	0.4	35	0.18	0.078
1066317	Soil		0.6	13.2	6.1	63	<0.1	13.9	6.4	402	1.85	4.2	3.7	2.4	2.2	12	0.2	0.3	0.5	35	0.22	0.087
1066318	Soil		0.6	17.9	8.1	72	<0.1	19.2	8.0	447	2.40	6.2	1.7	1.4	1.6	14	0.3	0.4	0.2	44	0.21	0.095
1066319	Soil		0.4	8.0	7.3	61	<0.1	11.2	10.8	832	2.51	2.5	5.5	<0.5	7.2	5	0.2	0.1	0.6	34	0.24	0.138
1066320	Soil		0.8	21.3	6.8	58	<0.1	20.2	7.7	364	2.50	6.2	3.0	4.3	2.7	14	0.1	0.4	1.8	51	0.22	0.072
1069336	Soil		0.6	19.4	6.4	51	<0.1	19.4	8.4	340	2.40	6.7	1.2	2.3	3.5	13	0.2	0.4	0.1	53	0.21	0.058
1067469	Soil		1.0	17.0	7.8	56	<0.1	14.5	6.5	266	2.46	6.4	1.6	0.9	1.4	11	0.2	0.4	0.3	56	0.14	0.057
1069340	Soil		0.8	16.6	6.9	60	<0.1	17.3	7.3	370	2.32	5.6	5.7	1.2	1.6	12	0.2	0.4	0.5	51	0.18	0.066
1068419	Soil		0.8	21.1	25.1	89	0.1	18.3	8.4	506	2.13	4.8	4.4	0.9	3.1	14	0.4	0.3	0.6	45	0.24	0.095
1067470	Soil		1.0	13.8	6.8	55	<0.1	15.3	6.6	323	2.40	3.6	4.7	<0.5	3.7	9	<0.1	0.3	0.9	44	0.16	0.070
1069103	Soil		0.7	23.8	21.2	67	<0.1	25.4	10.2	655	2.71	6.9	4.3	2.5	4.3	21	0.2	0.4	0.2	51	0.31	0.089
1069339	Soil		0.7	23.9	8.7	65	<0.1	23.1	9.9	420	2.76	7.8	3.5	4.5	4.1	18	0.2	0.5	0.6	61	0.27	0.098
1069337	Soil		0.8	20.7	7.4	58	<0.1	20.7	8.7	380	2.45	6.4	2.2	3.0	2.9	17	0.3	0.4	0.2	55	0.29	0.101
1069338	Soil		0.6	15.3	6.7	46	<0.1	13.4	5.9	256	1.99	5.3	1.2	0.6	1.1	12	0.2	0.4	0.4	45	0.15	0.063
1066869	Soil		0.7	23.6	7.8	67	<0.1	24.2	9.7	372	2.60	6.4	4.6	8.5	4.3	16	0.2	0.5	0.3	60	0.26	0.087
1067185	Soil		1.0	20.3	16.5	72	<0.1	21.1	9.8	515	3.06	8.4	11.7	1.5	2.9	19	<0.1	0.4	0.4	61	0.19	0.072
1069304	Soil		0.9	24.6	19.8	74	<0.1	22.4	11.2	703	3.15	7.9	15.9	2.7	4.4	22	0.1	0.4	0.5	59	0.27	0.094
1069306	Soil		1.3	25.5	23.1	82	0.1	27.2	12.0	529	3.67	9.8	12.9	1.5	4.9	16	0.1	0.5	1.1	65	0.18	0.079
1069305	Soil		1.4	14.2	18.4	42	<0.1	13.4	5.3	214	2.70	7.0	2.9	2.1	2.7	17	<0.1	0.7	0.3	70	0.11	0.047
1066633	Soil		0.6	25.7	12.5	71	<0.1	45.8	14.0	599	3.00	7.7	7.0	1.6	6.8	26	0.2	0.4	0.8	72	0.41	0.095

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1069102	Soil		11	28	0.44	72	0.057	<1	1.63	0.009	0.07	0.3	0.05	2.5	0.1	<0.05	5	0.6	<0.2
1069269	Soil		12	30	0.78	150	0.127	<1	1.71	0.014	0.35	0.6	0.03	3.7	0.4	<0.05	6	<0.5	<0.2
1069270	Soil		14	20	0.42	104	0.058	<1	1.29	0.013	0.10	0.2	0.04	2.1	0.2	<0.05	4	<0.5	<0.2
1068270	Soil		12	26	0.56	117	0.073	1	1.73	0.014	0.12	0.2	0.04	2.8	0.2	<0.05	6	0.6	<0.2
1069303	Soil		12	26	0.52	99	0.049	1	1.92	0.008	0.07	0.2	0.02	2.4	0.2	<0.05	7	<0.5	<0.2
1066321	Soil		12	23	0.47	91	0.086	1	1.56	0.012	0.10	0.2	0.03	2.5	0.1	<0.05	5	<0.5	<0.2
1066322	Soil		12	22	0.43	107	0.080	<1	1.53	0.012	0.12	0.1	0.03	2.4	0.2	<0.05	5	0.5	<0.2
1066323	Soil		10	19	0.32	84	0.065	<1	1.38	0.010	0.08	<0.1	0.04	1.7	0.1	<0.05	5	0.5	<0.2
1066324	Soil		15	24	0.45	111	0.092	<1	1.58	0.011	0.13	0.2	0.03	3.4	0.2	<0.05	5	<0.5	<0.2
1067184	Soil		13	18	0.44	127	0.027	<1	1.64	0.009	0.09	0.2	0.02	2.1	0.2	<0.05	6	<0.5	<0.2
1066316	Soil		7	17	0.33	92	0.061	1	1.52	0.010	0.05	0.1	0.06	1.8	0.1	<0.05	4	<0.5	<0.2
1066317	Soil		10	17	0.29	65	0.050	<1	1.29	0.010	0.05	<0.1	0.05	1.7	0.1	<0.05	4	<0.5	<0.2
1066318	Soil		8	25	0.39	81	0.062	1	1.87	0.010	0.05	0.2	0.08	2.2	<0.1	<0.05	5	0.7	<0.2
1066319	Soil		19	12	0.54	289	0.093	<1	1.28	0.010	0.56	0.1	0.02	3.8	0.5	<0.05	7	<0.5	<0.2
1066320	Soil		12	26	0.51	103	0.085	1	1.86	0.011	0.13	0.1	0.04	2.6	0.2	<0.05	6	0.7	<0.2
1069336	Soil		11	24	0.49	104	0.084	1	1.70	0.010	0.07	0.2	0.02	2.9	0.1	<0.05	5	<0.5	<0.2
1067469	Soil		9	23	0.39	75	0.077	1	1.66	0.010	0.07	0.2	0.04	1.9	0.1	<0.05	7	0.5	<0.2
1069340	Soil		11	25	0.46	108	0.073	1	1.78	0.012	0.09	0.7	0.04	2.5	0.2	<0.05	6	0.5	<0.2
1068419	Soil		15	25	0.46	91	0.073	1	1.60	0.016	0.10	0.4	0.06	2.4	0.2	<0.05	5	<0.5	<0.2
1067470	Soil		13	26	0.52	90	0.094	1	1.43	0.011	0.20	0.2	0.03	2.3	0.3	<0.05	6	<0.5	<0.2
1069103	Soil		12	27	0.59	145	0.052	2	1.89	0.011	0.08	0.2	0.03	3.2	0.2	<0.05	5	<0.5	<0.2
1069339	Soil		15	31	0.59	153	0.094	2	2.07	0.013	0.11	1.3	0.02	3.9	0.2	<0.05	6	<0.5	<0.2
1069337	Soil		13	27	0.53	117	0.083	2	1.63	0.015	0.11	0.3	0.05	2.8	0.1	<0.05	6	<0.5	<0.2
1069338	Soil		9	20	0.34	71	0.055	2	1.51	0.015	0.06	0.3	0.05	1.7	0.1	<0.05	5	<0.5	<0.2
1066869	Soil		14	33	0.60	143	0.103	2	1.95	0.012	0.09	0.4	0.02	4.0	0.2	<0.05	6	<0.5	<0.2
1067185	Soil		15	30	0.65	121	0.060	1	2.36	0.011	0.10	0.1	0.04	3.5	0.2	<0.05	7	<0.5	<0.2
1069304	Soil		17	34	0.64	149	0.056	1	2.36	0.013	0.12	0.1	0.05	4.2	0.2	<0.05	7	<0.5	<0.2
1069306	Soil		17	39	0.69	141	0.059	2	2.74	0.011	0.13	0.2	0.04	4.1	0.3	<0.05	9	<0.5	<0.2
1069305	Soil		12	25	0.28	84	0.067	1	1.42	0.007	0.05	0.2	0.04	2.1	0.2	<0.05	9	<0.5	<0.2
1066633	Soil		20	65	1.07	159	0.123	1	2.21	0.016	0.14	0.3	0.03	4.2	0.2	<0.05	7	<0.5	<0.2

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600 - 666 Burrard St.
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Project: ECH
Report Date: August 06, 2011

CERTIFICATE OF ANALYSIS WHI11000688.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1068189	Soil		1.2	27.6	3.3	25	0.3	11.6	21.2	2984	1.48	2.5	14.8	1.3	0.4	49	1.0	0.3	0.2	18	0.68	0.154
1068190	Soil		1.0	16.0	8.9	58	0.1	16.8	8.3	356	2.86	5.4	3.5	5.2	3.5	24	0.2	0.4	0.3	59	0.35	0.096
1068191	Soil		1.2	13.1	10.0	46	<0.1	12.4	13.1	825	3.12	5.5	4.5	0.7	3.1	14	0.3	0.4	0.4	62	0.16	0.057
1068192	Soil		0.8	8.8	9.2	46	<0.1	11.6	7.0	437	2.72	5.0	2.8	1.1	3.1	16	<0.1	0.3	0.4	48	0.18	0.047
1068193	Soil		1.1	13.6	8.3	48	0.1	11.9	9.9	1506	3.02	5.7	3.7	1.9	1.3	14	0.1	0.4	0.3	52	0.16	0.089
1067186	Soil		0.9	32.6	16.1	70	0.1	43.2	15.8	627	3.41	7.2	17.4	2.5	6.5	28	0.2	0.4	3.0	76	0.35	0.091
1069034	Soil		1.1	17.2	9.7	54	<0.1	15.2	6.7	329	2.65	5.8	3.1	2.4	2.3	12	0.2	0.4	0.5	59	0.16	0.062
1066634	Soil		0.5	22.7	8.8	72	<0.1	35.5	12.1	539	2.90	6.7	7.9	6.9	7.7	25	0.3	0.4	0.3	71	0.39	0.099
1068420	Soil		0.7	28.4	75.5	120	0.4	8.8	4.2	820	1.59	3.5	14.3	1.4	3.4	8	0.5	0.3	1.1	17	0.12	0.061
1068188	Soil		0.9	17.5	8.9	51	<0.1	16.7	9.6	491	2.66	6.3	5.3	1.3	7.6	15	0.1	0.4	0.5	48	0.25	0.084
1066870	Soil		1.7	27.7	14.7	86	<0.1	25.7	13.2	855	3.28	8.9	22.0	4.0	4.7	18	0.2	0.6	0.7	64	0.24	0.102
1066868	Soil		1.0	20.2	9.8	69	<0.1	22.2	10.4	486	2.85	7.5	5.6	3.9	3.2	15	0.2	0.5	0.6	64	0.19	0.070
1068269	Soil		0.9	20.1	48.6	117	<0.1	11.8	7.2	740	2.75	3.8	6.2	0.7	4.9	9	0.6	0.3	1.4	42	0.13	0.078
1069035	Soil		1.3	23.3	14.2	78	<0.1	19.1	9.4	698	2.54	5.7	17.3	3.1	3.1	18	0.2	0.4	0.8	52	0.23	0.096
1066635	Soil		0.5	17.9	8.8	62	<0.1	32.1	11.5	441	2.57	5.7	1.8	0.8	5.4	19	0.2	0.4	0.2	59	0.29	0.076
1068180	Soil		0.8	14.2	8.4	53	<0.1	17.2	9.1	421	2.73	5.5	3.9	1.6	7.6	12	<0.1	0.4	0.4	51	0.21	0.065
1068181	Soil		0.6	18.8	7.1	60	<0.1	19.1	8.9	386	2.78	5.3	2.4	1.3	3.4	17	0.2	0.4	0.5	53	0.34	0.108
1068182	Soil		1.0	18.1	10.5	61	<0.1	21.0	11.3	597	3.05	5.2	5.3	1.4	3.3	26	0.1	0.3	0.5	61	0.32	0.066
1068183	Soil		0.5	12.2	5.8	41	<0.1	8.2	5.4	215	1.97	3.0	2.2	<0.5	0.9	15	<0.1	0.2	0.1	42	0.17	0.051
1068184	Soil		0.8	18.2	10.8	61	<0.1	15.9	7.5	312	2.71	4.8	5.2	2.1	1.9	17	0.3	0.4	0.3	52	0.19	0.072
1068199	Soil		1.1	16.7	11.3	59	<0.1	19.0	11.2	682	2.59	5.7	5.3	1.9	3.7	23	0.1	0.4	0.8	53	0.28	0.064
1068176	Soil		0.3	13.2	7.8	33	0.1	12.6	4.6	154	1.56	1.9	4.0	2.2	2.8	19	0.1	0.3	0.2	37	0.28	0.073
1068177	Soil		0.3	8.8	7.1	28	<0.1	9.7	4.6	209	1.62	2.2	5.6	1.1	3.2	17	0.1	0.3	0.2	34	0.28	0.108
1068178	Soil		0.5	10.1	7.9	41	<0.1	13.6	5.7	213	1.74	2.2	3.6	1.4	6.1	15	<0.1	0.3	0.3	34	0.26	0.071
1068179	Soil		0.5	11.5	8.3	45	<0.1	13.6	5.9	164	2.77	4.9	4.1	1.3	7.2	15	<0.1	0.4	0.4	43	0.28	0.087
1068194	Soil		0.7	12.7	8.4	45	<0.1	13.6	6.9	274	2.58	4.0	2.0	2.1	3.1	12	<0.1	0.4	0.7	44	0.18	0.054
1068195	Soil		0.7	11.7	9.1	54	<0.1	15.5	9.1	518	2.95	5.0	1.8	<0.5	2.8	13	0.1	0.4	0.5	50	0.18	0.057
1068196	Soil		0.2	3.1	2.0	9	<0.1	1.9	0.9	31	0.44	<0.5	0.5	1.4	<0.1	6	<0.1	<0.1	0.2	12	0.05	0.029
1068198	Soil		0.8	8.1	7.9	39	<0.1	9.7	5.1	638	1.79	2.4	1.0	1.8	1.0	10	<0.1	0.3	0.5	38	0.13	0.035
1068197	Soil		0.6	8.3	7.7	39	<0.1	9.7	4.4	384	1.74	2.5	0.9	0.8	1.1	10	<0.1	0.3	0.4	39	0.12	0.032

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Client: **Ryan Gold Corp.**
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Project: ECH
Report Date: August 06, 2011

CERTIFICATE OF ANALYSIS WHI11000688.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1068189	Soil		34	11	0.14	352	0.014	7	0.91	0.019	0.05	0.1	0.13	2.9	0.1	0.22	2	<0.5	<0.2
1068190	Soil		14	27	0.51	158	0.088	2	1.65	0.017	0.15	0.2	0.04	3.7	0.2	<0.05	6	<0.5	<0.2
1068191	Soil		18	26	0.33	120	0.074	2	1.98	0.012	0.07	0.2	0.06	3.0	0.2	<0.05	7	<0.5	<0.2
1068192	Soil		12	24	0.41	152	0.071	1	1.62	0.013	0.11	0.3	0.03	2.9	0.2	<0.05	6	<0.5	<0.2
1068193	Soil		9	26	0.39	153	0.045	<1	1.69	0.015	0.07	0.3	0.03	2.7	0.1	0.06	7	<0.5	<0.2
1067186	Soil		27	65	1.03	207	0.111	2	2.75	0.014	0.12	0.2	0.04	5.8	0.4	<0.05	9	<0.5	<0.2
1069034	Soil		12	26	0.49	80	0.092	2	1.51	0.015	0.12	0.1	0.03	2.3	0.2	<0.05	7	<0.5	<0.2
1066634	Soil		19	49	0.99	158	0.145	2	2.04	0.018	0.14	0.2	0.03	4.1	0.2	<0.05	7	<0.5	<0.2
1068420	Soil		16	9	0.24	86	0.008	<1	1.22	0.009	0.06	0.1	0.08	1.1	0.1	<0.05	3	<0.5	<0.2
1068188	Soil		21	24	0.50	124	0.099	2	1.65	0.013	0.18	0.7	0.03	3.7	0.3	<0.05	6	<0.5	<0.2
1066870	Soil		17	33	0.68	167	0.097	2	2.48	0.014	0.15	0.3	0.05	4.3	0.3	<0.05	8	<0.5	<0.2
1066868	Soil		14	33	0.62	123	0.092	2	2.13	0.012	0.10	0.7	0.03	3.4	0.2	<0.05	7	<0.5	<0.2
1068269	Soil		19	17	0.35	90	0.013	<1	1.60	0.007	0.09	0.2	0.03	1.9	0.2	<0.05	6	<0.5	<0.2
1069035	Soil		13	27	0.57	113	0.087	2	1.93	0.021	0.16	0.5	0.05	2.9	0.3	<0.05	7	<0.5	<0.2
1066635	Soil		13	43	0.76	112	0.127	1	1.98	0.016	0.11	0.2	0.03	3.2	0.2	<0.05	6	<0.5	<0.2
1068180	Soil		18	26	0.54	114	0.110	2	1.73	0.012	0.23	0.4	0.02	3.5	0.3	<0.05	6	<0.5	<0.2
1068181	Soil		14	26	0.57	112	0.095	2	1.79	0.014	0.15	0.2	0.05	2.9	0.2	<0.05	6	<0.5	<0.2
1068182	Soil		18	32	0.66	237	0.107	2	1.98	0.021	0.20	0.3	0.04	4.2	0.3	<0.05	8	<0.5	<0.2
1068183	Soil		8	14	0.33	79	0.071	<1	1.11	0.028	0.07	<0.1	0.02	1.6	0.1	<0.05	5	<0.5	<0.2
1068184	Soil		14	24	0.49	151	0.075	2	2.00	0.019	0.12	0.2	0.03	2.9	0.2	<0.05	7	<0.5	<0.2
1068199	Soil		13	33	0.47	207	0.071	1	1.79	0.019	0.07	0.2	0.04	4.0	0.2	<0.05	6	<0.5	<0.2
1068176	Soil		14	26	0.44	190	0.081	2	1.60	0.016	0.11	0.2	0.06	4.0	0.2	0.08	5	<0.5	<0.2
1068177	Soil		16	22	0.35	186	0.068	2	1.38	0.014	0.11	0.2	0.04	3.5	0.2	0.06	5	<0.5	<0.2
1068178	Soil		17	22	0.46	133	0.109	2	1.48	0.015	0.20	0.2	0.04	3.1	0.3	<0.05	6	<0.5	<0.2
1068179	Soil		16	22	0.45	109	0.100	1	1.47	0.016	0.20	0.2	0.03	3.1	0.2	<0.05	5	<0.5	<0.2
1068194	Soil		9	23	0.39	109	0.072	2	1.63	0.008	0.09	0.3	0.03	2.7	0.2	0.08	5	0.8	<0.2
1068195	Soil		9	25	0.41	157	0.083	<1	1.70	0.009	0.10	0.4	0.03	2.5	0.2	<0.05	6	0.7	<0.2
1068196	Soil		1	5	0.05	27	0.018	<1	0.29	0.013	0.01	<0.1	<0.01	0.3	<0.1	<0.05	2	0.9	<0.2
1068198	Soil		6	18	0.28	98	0.057	<1	1.15	0.008	0.04	0.2	<0.01	1.3	0.1	<0.05	6	0.5	<0.2
1068197	Soil		7	19	0.28	105	0.063	2	1.14	0.007	0.04	0.2	0.01	1.3	0.1	<0.05	6	0.7	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1068207	Soil		0.6	22.0	10.9	57	<0.1	26.4	11.7	338	2.87	8.6	2.5	2.6	2.7	11	0.1	0.4	0.2	56	0.14	0.029
1066070	Soil		1.3	26.7	8.7	88	<0.1	40.7	13.3	399	3.61	10.7	3.1	2.1	5.5	18	0.1	0.5	1.0	86	0.33	0.094
1067384	Soil		0.6	25.8	9.0	78	<0.1	24.9	11.5	653	3.44	6.5	2.3	1.8	5.1	14	0.3	0.5	0.3	62	0.24	0.090
1067346	Soil		1.0	15.9	10.3	62	<0.1	22.3	9.5	316	2.88	6.6	2.3	2.1	4.7	15	<0.1	0.4	0.8	61	0.26	0.067
1067345	Soil		1.2	22.0	14.4	63	<0.1	31.5	12.3	413	3.77	8.7	2.6	3.5	4.6	14	0.3	0.5	0.4	71	0.15	0.051
1068202	Soil		0.1	12.6	9.8	50	<0.1	17.3	7.8	203	1.88	1.6	2.3	0.7	6.3	19	0.1	0.5	0.1	46	0.36	0.068
1068203	Soil		0.6	18.4	8.2	46	<0.1	18.4	11.2	241	3.54	4.6	2.1	2.9	4.7	14	<0.1	0.4	0.2	64	0.23	0.059
1068204	Soil		0.7	16.3	8.2	51	<0.1	21.9	11.9	348	3.68	3.8	1.6	2.1	6.1	11	0.1	0.4	0.2	59	0.17	0.041
1068205	Soil		0.4	16.3	8.3	54	<0.1	20.8	11.5	354	3.68	4.3	1.6	3.7	6.1	11	<0.1	0.3	0.2	60	0.17	0.043
1068206	Soil		0.4	17.7	10.7	49	<0.1	23.8	13.2	326	3.70	5.0	3.0	3.3	5.3	12	0.2	0.5	0.2	58	0.16	0.042
1068185	Soil		0.9	13.3	10.2	51	0.1	15.6	10.0	368	2.66	3.8	6.9	<0.5	4.1	14	<0.1	0.4	0.4	47	0.24	0.077
1068186	Soil		0.9	22.8	10.2	62	<0.1	16.4	8.4	383	2.61	4.4	4.0	1.9	1.4	12	0.3	0.4	0.3	48	0.14	0.056
1068187	Soil		1.0	20.0	14.6	64	<0.1	22.4	10.4	452	3.72	7.2	3.9	3.8	3.4	18	0.1	0.4	0.3	59	0.24	0.073
1068200	Soil		1.1	13.5	10.1	65	<0.1	16.8	10.6	444	2.46	3.0	5.5	3.2	3.3	12	0.2	0.3	0.7	48	0.21	0.076
1068201	Soil		4.2	19.5	19.8	52	0.3	17.1	6.8	241	4.84	12.0	3.7	2.6	1.5	24	<0.1	0.6	2.5	115	0.32	0.111
1069104	Soil		0.7	20.1	11.6	59	<0.1	20.8	8.4	434	2.30	4.9	1.1	2.3	2.2	11	0.3	0.4	1.1	51	0.14	0.042
1033523	Soil		0.8	15.1	8.1	52	<0.1	16.3	7.9	367	2.41	3.7	1.4	<0.5	4.2	12	<0.1	0.4	0.3	52	0.15	0.057
1033526	Soil		0.5	16.7	6.8	59	<0.1	17.5	8.7	403	2.36	4.6	2.1	3.5	4.4	13	0.2	0.3	0.4	54	0.20	0.071
1069105	Soil		0.6	20.5	20.2	61	<0.1	11.5	5.7	683	1.86	2.5	5.8	<0.5	2.4	17	0.2	0.3	1.5	36	0.19	0.076
1033524	Soil		0.4	16.2	7.5	58	<0.1	15.5	7.1	322	2.18	6.3	2.4	1.7	5.4	20	<0.1	0.4	0.3	48	0.34	0.092
1033528	Soil		0.8	17.8	9.0	60	<0.1	15.5	6.9	456	2.58	3.8	1.3	<0.5	1.0	11	0.2	0.5	1.0	63	0.11	0.063
1069375	Soil		0.6	21.3	8.9	72	<0.1	21.4	9.8	468	2.75	5.2	2.5	4.8	4.7	15	0.2	0.6	0.5	59	0.24	0.070
1069376	Soil		0.8	18.4	8.0	67	<0.1	20.1	8.3	403	2.45	4.2	3.1	2.5	4.1	13	<0.1	0.5	0.9	49	0.23	0.078
1033527	Soil		0.4	19.2	11.4	56	<0.1	18.1	7.9	329	2.42	7.3	3.4	6.7	5.5	13	0.1	1.0	1.7	51	0.23	0.069
1068383	Soil		1.1	22.4	11.4	73	0.1	22.5	10.8	583	3.29	6.8	3.4	5.8	3.4	17	0.3	0.6	0.8	60	0.24	0.076
1033522	Soil		0.3	19.9	10.4	67	<0.1	15.7	7.4	330	2.25	2.2	8.9	2.0	6.2	24	0.1	0.4	1.1	49	0.31	0.084
1033525	Soil		0.2	21.1	22.0	89	<0.1	17.1	9.4	888	3.35	6.2	9.7	1.0	20.5	34	0.2	0.7	27.0	50	0.42	0.094
1069172	Soil		0.5	18.8	14.6	61	<0.1	16.3	7.1	391	2.12	4.8	7.8	0.9	4.7	20	0.3	0.7	0.8	44	0.28	0.081
1069173	Soil		0.6	22.8	11.2	64	<0.1	25.2	10.8	553	2.43	5.5	1.3	5.3	3.4	15	0.1	0.5	0.5	51	0.24	0.064
1033532	Soil		0.5	14.3	7.5	52	<0.1	14.8	6.3	311	2.21	3.1	1.5	1.4	3.2	16	0.1	0.3	1.2	50	0.23	0.069

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

Project: ECH
Report Date: August 06, 2011

CERTIFICATE OF ANALYSIS WHI11000688.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1068207	Soil		8	30	0.54	99	0.085	2	2.36	0.010	0.09	0.4	0.03	3.2	0.1	<0.05	5	0.6	<0.2
1066070	Soil		18	82	0.95	252	0.138	<1	2.27	0.016	0.39	0.7	0.03	5.7	0.4	<0.05	7	0.9	<0.2
1067384	Soil		16	33	0.64	156	0.133	1	2.01	0.010	0.27	0.4	0.03	3.7	0.4	<0.05	7	1.0	<0.2
1067346	Soil		13	47	0.65	153	0.124	<1	1.89	0.011	0.24	0.4	0.04	3.7	0.3	<0.05	6	1.1	<0.2
1067345	Soil		11	46	0.56	141	0.108	<1	2.49	0.009	0.11	0.3	0.05	3.8	0.3	<0.05	7	1.5	<0.2
1068202	Soil		16	25	0.49	163	0.110	<1	1.32	0.014	0.19	0.2	0.02	3.6	0.2	<0.05	4	0.9	<0.2
1068203	Soil		14	34	0.58	137	0.122	1	1.92	0.010	0.21	0.2	0.06	4.5	0.3	<0.05	7	1.0	<0.2
1068204	Soil		13	35	0.74	136	0.127	1	2.10	0.010	0.27	0.1	0.03	4.1	0.4	<0.05	7	<0.5	<0.2
1068205	Soil		13	35	0.82	137	0.131	1	2.22	0.010	0.28	0.2	0.04	4.2	0.4	<0.05	7	1.1	<0.2
1068206	Soil		13	31	0.69	99	0.129	1	2.20	0.011	0.23	0.2	0.03	3.7	0.3	<0.05	6	0.8	<0.2
1068185	Soil		12	23	0.44	144	0.081	1	1.58	0.010	0.12	0.2	0.04	3.2	0.3	<0.05	5	1.3	<0.2
1068186	Soil		11	21	0.34	118	0.058	<1	1.75	0.012	0.09	0.2	0.06	2.1	0.2	<0.05	6	1.0	<0.2
1068187	Soil		11	28	0.59	189	0.088	1	2.14	0.012	0.16	0.3	0.04	2.9	0.3	<0.05	8	0.6	<0.2
1068200	Soil		12	29	0.38	145	0.055	<1	1.46	0.011	0.07	0.4	0.05	3.1	0.2	<0.05	5	1.0	<0.2
1068201	Soil		9	37	0.41	304	0.052	1	2.39	0.008	0.26	0.3	0.08	4.7	0.4	<0.05	10	0.9	<0.2
1069104	Soil		8	26	0.39	81	0.070	<1	1.75	0.009	0.05	0.1	0.07	2.2	0.2	<0.05	4	0.8	<0.2
1033523	Soil		11	24	0.45	79	0.114	2	1.81	0.009	0.15	0.2	0.04	2.7	0.2	<0.05	6	<0.5	<0.2
1033526	Soil		13	23	0.52	112	0.134	1	1.69	0.011	0.22	0.2	0.07	2.9	0.3	<0.05	6	<0.5	<0.2
1069105	Soil		11	16	0.26	86	0.041	<1	1.23	0.014	0.06	<0.1	0.05	1.8	0.4	<0.05	4	1.0	<0.2
1033524	Soil		16	24	0.47	122	0.126	<1	1.50	0.014	0.22	<0.1	0.03	3.7	0.3	<0.05	5	<0.5	<0.2
1033528	Soil		8	25	0.33	99	0.072	<1	1.73	0.009	0.09	0.8	0.08	1.8	0.2	<0.05	7	0.6	<0.2
1069375	Soil		13	30	0.55	157	0.107	2	1.91	0.012	0.21	0.4	0.04	3.9	0.3	<0.05	6	0.9	<0.2
1069376	Soil		12	24	0.45	113	0.099	1	1.66	0.010	0.18	1.0	0.04	2.5	0.3	<0.05	5	1.2	<0.2
1033527	Soil		18	25	0.53	98	0.101	<1	1.89	0.009	0.18	0.6	0.04	3.6	0.3	<0.05	6	0.9	<0.2
1068383	Soil		12	29	0.49	136	0.093	1	1.92	0.010	0.16	1.7	0.06	3.0	0.2	<0.05	7	1.3	<0.2
1033522	Soil		17	23	0.44	140	0.131	<1	1.74	0.012	0.22	<0.1	0.03	4.3	0.3	<0.05	6	0.6	<0.2
1033525	Soil		42	25	0.82	275	0.115	2	2.61	0.010	0.74	0.2	0.03	6.8	1.0	<0.05	10	0.6	<0.2
1069172	Soil		13	23	0.37	106	0.093	<1	1.43	0.012	0.08	0.1	0.03	3.3	0.2	<0.05	4	0.8	<0.2
1069173	Soil		9	27	0.44	114	0.080	2	1.94	0.011	0.06	0.2	0.03	2.6	<0.1	<0.05	4	0.8	<0.2
1033532	Soil		10	24	0.44	84	0.106	<1	1.59	0.010	0.15	0.2	0.05	2.6	0.2	<0.05	6	0.6	<0.2

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

Project: ECH
Report Date: August 06, 2011

CERTIFICATE OF ANALYSIS WHI11000688.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1068385	Soil		1.3	16.5	10.8	64	<0.1	20.2	10.6	525	3.29	6.1	1.5	2.3	3.0	10	0.2	0.4	0.5	64	0.16	0.060
1067383	Soil		0.5	20.8	8.1	83	<0.1	32.5	13.3	619	4.03	5.6	1.9	3.3	5.9	12	0.3	0.5	0.6	62	0.31	0.103
1068384	Soil		0.9	20.3	7.4	63	<0.1	21.3	9.4	381	2.98	5.6	2.1	8.2	4.1	15	0.2	0.4	0.8	58	0.27	0.074
1070628	Soil		0.7	10.2	7.7	26	<0.1	6.9	2.7	124	1.33	2.9	2.4	1.6	0.3	8	<0.1	0.2	0.6	38	0.09	0.046
1070617	Soil		0.8	14.6	8.2	54	0.1	15.9	6.9	289	2.59	5.3	3.6	1.8	1.6	17	0.3	0.3	0.6	54	0.22	0.057
1067381	Soil		1.6	16.3	10.3	43	<0.1	13.8	5.5	187	2.91	7.3	0.6	2.7	1.9	9	0.2	0.6	0.3	75	0.09	0.045
1033530	Soil		0.5	17.7	18.5	80	<0.1	16.7	9.3	836	3.22	4.3	3.3	3.9	5.9	33	0.1	0.3	2.8	55	0.44	0.098
1033531	Soil		0.3	12.5	12.3	72	<0.1	12.3	7.6	797	2.73	2.8	1.6	1.5	7.0	9	0.1	0.1	0.6	47	0.25	0.096
1067382	Soil		0.9	19.3	8.2	66	<0.1	23.1	9.6	389	3.21	7.6	0.8	2.5	2.4	11	<0.1	0.5	0.6	63	0.16	0.047
1033529	Soil		0.9	23.3	9.7	69	<0.1	23.5	10.0	482	3.06	7.7	3.1	4.6	3.0	15	0.2	0.4	3.3	62	0.25	0.079
1066632	Soil		0.6	22.3	10.8	67	<0.1	21.5	10.3	326	3.01	6.7	1.5	3.3	3.1	15	0.3	0.5	0.4	53	0.22	0.065
1066785	Soil		0.3	10.2	17.0	53	<0.1	10.2	4.8	433	1.66	3.2	3.7	1.9	8.2	10	<0.1	0.2	1.4	26	0.24	0.079
1067385	Soil		0.9	17.9	10.8	104	<0.1	16.3	9.9	888	3.79	5.7	6.4	3.9	7.5	14	0.2	0.6	0.9	44	0.28	0.095
1066784	Soil		0.6	17.9	7.1	60	<0.1	18.3	8.3	395	2.62	5.3	1.9	2.7	3.1	15	0.2	0.3	1.4	52	0.24	0.074
1033533	Soil		0.7	15.1	6.6	52	<0.1	16.6	6.9	338	2.42	4.4	1.9	4.3	2.6	12	0.1	0.3	2.2	52	0.21	0.070
1070632	Soil		0.9	18.9	10.4	57	0.1	17.7	9.1	472	2.94	6.6	3.5	1.0	1.6	17	0.2	0.4	0.7	58	0.19	0.069
1070624	Soil		0.6	22.9	8.0	63	<0.1	22.8	10.3	419	2.91	6.2	2.7	2.4	5.5	13	0.3	0.3	0.8	54	0.28	0.090
1070614	Soil		0.5	19.6	7.4	58	<0.1	21.3	10.0	472	2.74	6.2	3.8	2.8	4.7	13	0.1	0.4	0.9	53	0.33	0.101
1070633	Soil		0.4	16.7	7.5	51	<0.1	17.9	7.7	270	2.29	4.5	2.4	2.8	4.1	16	0.2	0.2	0.7	49	0.33	0.097
1070630	Soil		1.2	17.0	9.3	72	0.1	17.4	11.0	977	3.00	6.3	1.9	3.1	1.9	19	0.7	0.3	0.6	61	0.26	0.061
1070623	Soil		0.9	12.0	8.7	38	<0.1	9.9	6.7	302	1.81	5.8	2.5	6.8	1.5	10	0.1	0.3	1.0	37	0.11	0.045
1070622	Soil		0.7	19.2	9.1	52	<0.1	17.2	8.6	471	2.56	6.0	6.4	1.7	1.9	15	0.2	0.3	1.6	48	0.19	0.061
1070613	Soil		0.6	21.5	6.5	55	<0.1	21.4	10.5	371	2.61	4.8	4.0	4.2	4.5	13	0.2	0.3	0.4	52	0.29	0.082
1070612	Soil		1.0	26.2	10.1	66	<0.1	23.0	10.9	539	3.15	7.2	5.3	2.3	3.7	14	0.2	0.4	0.3	61	0.21	0.069
1070626	Soil		0.6	16.9	7.1	62	<0.1	20.6	9.2	317	2.81	4.8	1.3	1.3	3.4	16	0.2	0.3	0.8	56	0.31	0.090
1070618	Soil		0.8	14.9	7.3	43	<0.1	13.3	5.9	210	2.24	4.6	2.4	1.6	0.8	11	0.2	0.3	0.5	47	0.16	0.062
1070616	Soil		0.9	19.0	9.5	54	<0.1	23.1	11.4	391	3.24	8.3	2.1	1.8	3.7	12	0.3	0.4	0.5	61	0.18	0.060
1070619	Soil		1.1	18.0	12.1	59	<0.1	18.5	9.9	544	3.19	7.0	4.1	2.2	2.1	14	0.2	0.3	1.1	61	0.17	0.072
1070620	Soil		1.1	15.6	10.6	52	0.1	15.5	6.6	325	2.59	6.0	4.1	2.8	0.8	17	0.3	0.3	1.0	53	0.18	0.077
1070621	Soil		0.6	18.9	9.0	71	<0.1	22.1	9.4	435	2.72	6.7	2.7	1.2	4.7	16	0.2	0.3	1.3	51	0.29	0.083

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1068385	Soil	10	45	0.62	96	0.119	2	1.73	0.017	0.19	0.3	0.06	3.0	0.3	<0.05	8	<0.5	<0.2
1067383	Soil	14	54	1.00	170	0.196	2	2.35	0.012	0.74	1.7	0.03	4.4	0.9	<0.05	10	<0.5	<0.2
1068384	Soil	13	29	0.59	109	0.117	2	1.62	0.013	0.18	0.6	0.03	3.0	0.2	<0.05	6	<0.5	<0.2
1070628	Soil	10	13	0.16	69	0.039	<1	0.87	0.009	0.04	<0.1	0.03	0.8	0.1	<0.05	5	<0.5	<0.2
1070617	Soil	12	26	0.47	135	0.083	<1	1.46	0.011	0.10	0.2	0.03	2.1	0.1	<0.05	6	<0.5	<0.2
1067381	Soil	9	24	0.28	68	0.091	2	1.72	0.006	0.05	0.2	0.07	1.9	0.2	<0.05	8	<0.5	<0.2
1033530	Soil	19	24	0.78	167	0.116	2	2.19	0.010	0.48	0.3	0.04	4.9	0.6	<0.05	10	<0.5	<0.2
1033531	Soil	11	20	0.79	129	0.145	<1	2.31	0.009	0.77	0.3	0.02	4.6	0.9	<0.05	10	<0.5	<0.2
1067382	Soil	10	30	0.55	84	0.103	2	2.15	0.010	0.10	1.1	0.05	2.5	0.2	0.07	7	<0.5	<0.2
1033529	Soil	13	29	0.57	121	0.096	<1	2.00	0.012	0.13	1.9	0.04	3.0	0.3	0.06	7	0.5	<0.2
1066632	Soil	10	30	0.51	102	0.070	2	2.07	0.011	0.05	0.1	0.04	2.8	0.2	<0.05	5	<0.5	<0.2
1066785	Soil	19	13	0.33	80	0.049	<1	1.32	0.007	0.14	0.4	0.03	1.8	0.3	<0.05	5	<0.5	<0.2
1067385	Soil	22	21	0.60	114	0.102	<1	1.66	0.012	0.33	0.5	0.04	2.6	0.6	<0.05	7	<0.5	<0.2
1066784	Soil	12	24	0.51	105	0.104	1	1.66	0.013	0.17	0.2	0.03	2.6	0.3	<0.05	6	<0.5	<0.2
1033533	Soil	13	23	0.47	73	0.101	<1	1.56	0.010	0.17	0.2	0.04	2.2	0.2	0.05	7	<0.5	<0.2
1070632	Soil	14	28	0.50	146	0.074	2	1.75	0.010	0.08	0.2	0.06	2.2	0.2	<0.05	7	<0.5	<0.2
1070624	Soil	14	31	0.55	135	0.104	<1	1.87	0.010	0.12	0.2	0.04	3.1	0.2	<0.05	6	<0.5	<0.2
1070614	Soil	12	28	0.54	125	0.096	1	1.60	0.011	0.12	0.2	0.04	2.8	0.2	<0.05	5	<0.5	<0.2
1070633	Soil	14	28	0.55	118	0.104	1	1.53	0.011	0.12	0.4	0.03	2.7	0.2	<0.05	5	0.8	<0.2
1070630	Soil	12	28	0.47	153	0.085	<1	1.57	0.010	0.10	0.2	0.06	2.1	0.2	<0.05	7	<0.5	<0.2
1070623	Soil	11	17	0.29	77	0.056	<1	1.54	0.019	0.05	0.1	0.05	1.7	0.1	<0.05	5	<0.5	<0.2
1070622	Soil	17	27	0.43	113	0.068	2	1.63	0.016	0.07	0.2	0.03	2.7	0.2	0.05	5	<0.5	<0.2
1070613	Soil	13	31	0.59	134	0.107	1	1.59	0.012	0.12	0.2	0.03	2.8	0.2	<0.05	5	<0.5	<0.2
1070612	Soil	20	30	0.63	137	0.101	1	2.04	0.011	0.12	0.1	0.04	3.5	0.2	<0.05	7	<0.5	<0.2
1070626	Soil	13	29	0.55	127	0.117	1	1.52	0.012	0.13	0.2	0.03	2.4	0.2	<0.05	6	<0.5	<0.2
1070618	Soil	11	23	0.40	82	0.062	1	1.47	0.014	0.07	0.1	0.03	1.6	0.1	<0.05	6	<0.5	<0.2
1070616	Soil	13	32	0.53	116	0.086	<1	2.32	0.009	0.07	0.2	0.04	3.2	0.2	<0.05	6	0.6	<0.2
1070619	Soil	16	30	0.52	143	0.077	2	1.90	0.010	0.11	0.2	0.04	2.5	0.2	<0.05	7	<0.5	<0.2
1070620	Soil	14	25	0.40	148	0.057	<1	1.57	0.010	0.08	0.1	0.04	1.9	0.2	0.07	6	<0.5	<0.2
1070621	Soil	15	28	0.56	144	0.095	<1	1.69	0.011	0.12	0.2	0.04	2.9	0.2	<0.05	5	<0.5	<0.2

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600 - 666 Burrard St.
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Project: ECH
Report Date: August 06, 2011

CERTIFICATE OF ANALYSIS WHI11000688.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1070601	Soil	0.8	14.2	10.3	51	<0.1	14.5	8.0	523	3.02	5.6	5.5	4.0	1.8	12	0.1	0.4	0.7	51	0.16	0.084
1070608	Soil	0.8	22.1	8.6	57	<0.1	22.5	9.1	413	2.63	6.5	4.3	3.6	5.2	13	0.2	0.4	0.5	49	0.25	0.069
1070610	Soil	1.2	26.0	11.8	61	<0.1	25.0	10.7	369	3.46	9.7	2.9	4.4	2.1	13	0.2	0.6	0.3	71	0.16	0.048
1070607	Soil	0.4	19.0	17.8	61	<0.1	15.4	7.3	454	1.80	3.9	5.0	1.6	4.8	11	0.2	0.2	0.7	34	0.22	0.074
1070609	Soil	1.0	17.1	9.3	50	<0.1	19.0	8.8	369	2.62	6.5	2.6	5.2	4.5	10	0.2	0.4	0.4	50	0.16	0.047
1070606	Soil	1.0	24.3	10.5	66	<0.1	22.9	9.9	476	2.50	7.2	6.0	3.4	3.7	13	0.2	0.5	0.4	55	0.20	0.060
1070604	Soil	0.7	26.0	7.7	59	<0.1	22.6	10.6	417	2.63	7.0	5.1	2.9	4.7	15	0.2	0.4	0.3	63	0.31	0.099
1070602	Soil	0.6	14.5	11.0	57	<0.1	15.2	8.4	468	2.28	5.1	5.2	2.2	2.9	12	0.1	0.3	1.1	48	0.18	0.071
1070605	Soil	1.0	18.7	10.5	60	0.1	17.0	9.4	489	2.45	7.2	6.5	2.5	2.2	16	0.3	0.4	0.7	53	0.18	0.064
1070603	Soil	0.9	23.7	9.0	55	<0.1	21.7	13.2	529	2.90	6.8	4.9	3.4	1.9	16	0.2	0.4	0.5	68	0.26	0.081
1070627	Soil	0.6	14.7	7.4	60	<0.1	16.6	7.5	296	2.35	5.4	1.4	5.6	3.0	10	0.1	0.3	0.8	54	0.20	0.071
1070625	Soil	1.1	19.4	12.3	72	<0.1	20.5	11.4	629	3.15	7.5	2.5	3.4	3.6	19	0.3	0.4	1.5	78	0.29	0.082
1070629	Soil	1.0	18.5	11.2	67	<0.1	19.9	9.9	548	2.81	7.2	4.5	1.3	2.0	20	0.2	0.4	1.0	62	0.29	0.081
1070631	Soil	0.9	17.2	11.1	54	<0.1	18.5	9.6	441	2.67	6.3	3.7	2.7	1.7	17	<0.1	0.4	0.7	61	0.20	0.068
1070615	Soil	0.8	17.9	11.5	54	<0.1	19.8	8.4	216	2.11	3.6	4.5	3.9	2.2	14	0.1	0.4	1.0	61	0.23	0.077
1070509	Soil	0.9	25.7	9.5	71	<0.1	26.4	13.0	555	3.34	6.6	2.3	4.6	7.5	14	0.2	0.4	0.2	67	0.22	0.079
1070514	Soil	0.6	30.5	10.7	66	<0.1	28.5	15.7	464	3.08	5.5	1.2	2.1	5.4	18	0.1	0.3	0.3	67	0.29	0.074
1066218	Soil	0.7	23.4	9.2	65	<0.1	27.8	13.5	513	3.19	5.6	1.2	3.5	4.2	13	0.1	0.4	0.2	69	0.19	0.056
1070521	Soil	0.8	25.8	8.2	80	<0.1	25.6	14.2	505	3.30	4.6	1.6	1.8	4.5	20	0.3	0.4	0.2	73	0.33	0.072
1070522	Soil	0.7	23.4	7.7	75	<0.1	28.9	13.4	487	3.00	4.6	1.1	2.0	4.9	14	0.2	0.4	0.2	63	0.24	0.067
1070508	Soil	0.7	23.3	6.6	54	<0.1	25.0	11.4	395	2.73	6.1	1.2	5.3	5.7	15	0.1	0.4	0.1	59	0.23	0.073
1070513	Soil	0.8	27.1	13.8	85	<0.1	28.4	21.9	812	4.39	4.6	2.3	1.4	7.1	14	0.2	0.2	0.5	85	0.35	0.107
1070510	Soil	0.9	23.4	8.2	66	<0.1	24.1	12.8	490	3.58	4.7	2.4	1.7	2.9	11	0.2	0.3	0.2	72	0.20	0.077
1070511	Soil	0.7	29.0	8.5	71	<0.1	30.5	15.9	598	3.65	5.8	2.0	2.9	6.4	15	0.2	0.4	0.2	75	0.29	0.080
1070512	Soil	0.7	29.7	14.8	91	<0.1	31.5	25.5	889	4.81	3.9	2.4	2.9	6.7	16	0.2	0.3	0.5	95	0.40	0.114
1070611	Soil	1.0	23.2	12.8	68	<0.1	22.9	12.0	568	2.84	8.3	5.2	2.7	4.3	14	0.3	0.5	0.4	59	0.23	0.082
1070504	Soil	0.6	22.5	5.5	63	<0.1	25.0	11.8	378	2.68	4.1	1.5	1.3	7.0	21	0.2	0.3	0.2	57	0.37	0.104
1070505	Soil	0.6	25.2	6.5	68	<0.1	26.3	14.8	499	3.19	4.3	1.8	4.0	6.7	21	0.2	0.3	0.2	69	0.44	0.127
1070506	Soil	0.7	25.1	7.4	70	<0.1	26.5	16.5	514	4.08	4.7	2.4	4.1	8.1	19	0.1	0.3	0.2	82	0.38	0.127
1070507	Soil	0.7	34.4	7.0	74	<0.1	33.7	16.3	543	3.88	4.2	1.8	1.6	7.4	18	0.1	0.3	0.2	79	0.39	0.131

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Project: ECH
Report Date: August 06, 2011

CERTIFICATE OF ANALYSIS WHI11000688.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1070601	Soil	15	26	0.51	117	0.066	1	1.75	0.008	0.10	0.1	0.03	2.2	0.2	<0.05	6	0.6	<0.2
1070608	Soil	18	26	0.51	124	0.086	2	1.70	0.011	0.08	0.2	0.04	2.8	0.2	<0.05	5	<0.5	<0.2
1070610	Soil	13	32	0.56	106	0.090	<1	2.51	0.010	0.05	0.1	0.04	3.2	0.2	<0.05	7	<0.5	<0.2
1070607	Soil	14	17	0.38	110	0.059	1	1.24	0.008	0.10	0.1	0.02	2.1	0.2	<0.05	4	<0.5	<0.2
1070609	Soil	13	25	0.42	87	0.077	<1	1.68	0.008	0.06	0.1	0.03	2.5	0.2	<0.05	5	<0.5	<0.2
1070606	Soil	14	28	0.50	108	0.080	2	1.71	0.011	0.09	0.2	0.04	2.6	0.2	0.07	5	0.6	<0.2
1070604	Soil	15	35	0.62	170	0.101	2	1.72	0.012	0.11	0.1	0.04	3.5	0.2	<0.05	6	0.5	<0.2
1070602	Soil	13	24	0.47	104	0.068	2	1.73	0.008	0.12	0.1	0.03	2.4	0.2	0.07	6	0.5	<0.2
1070605	Soil	14	26	0.43	157	0.060	2	1.53	0.014	0.09	0.2	0.07	2.6	0.2	0.09	6	0.7	<0.2
1070603	Soil	12	37	0.65	173	0.090	3	1.89	0.015	0.09	0.1	0.04	2.9	0.2	0.06	6	0.7	<0.2
1070627	Soil	10	25	0.44	86	0.093	2	1.43	0.009	0.12	0.1	0.04	2.1	0.2	0.06	5	<0.5	<0.2
1070625	Soil	13	35	0.57	234	0.120	3	1.82	0.011	0.15	0.2	0.04	3.1	0.2	0.07	8	0.5	<0.2
1070629	Soil	16	31	0.52	144	0.071	3	1.76	0.011	0.11	0.2	0.04	2.7	0.2	0.06	6	0.7	<0.2
1070631	Soil	15	29	0.50	144	0.076	2	1.83	0.010	0.09	0.2	0.04	2.4	0.2	0.06	7	<0.5	<0.2
1070615	Soil	12	33	0.60	130	0.089	1	1.97	0.012	0.11	0.2	0.04	2.9	0.2	<0.05	7	0.5	<0.2
1070509	Soil	29	37	0.69	144	0.124	2	2.22	0.012	0.21	0.2	0.05	3.8	0.3	<0.05	7	0.5	<0.2
1070514	Soil	17	35	0.84	134	0.137	2	2.35	0.019	0.28	0.2	0.03	3.7	0.3	<0.05	7	0.6	<0.2
1066218	Soil	14	46	0.82	103	0.135	1	2.21	0.012	0.26	0.2	0.07	3.2	0.3	0.05	8	0.7	<0.2
1070521	Soil	23	35	0.85	153	0.135	2	2.12	0.019	0.24	0.2	0.08	3.5	0.4	0.07	7	0.6	<0.2
1070522	Soil	16	39	0.80	114	0.127	2	2.02	0.013	0.25	0.3	0.05	2.7	0.3	<0.05	6	<0.5	<0.2
1070508	Soil	16	31	0.61	97	0.111	2	1.80	0.012	0.13	0.2	0.04	3.0	0.2	<0.05	5	<0.5	<0.2
1070513	Soil	23	45	0.83	178	0.124	<1	1.97	0.014	0.37	0.2	0.04	8.7	0.5	<0.05	7	<0.5	<0.2
1070510	Soil	34	37	0.69	110	0.090	1	2.07	0.010	0.20	0.4	0.06	3.1	0.4	0.05	8	<0.5	<0.2
1070511	Soil	25	48	0.90	163	0.145	1	2.33	0.014	0.27	0.3	0.03	4.2	0.4	<0.05	8	<0.5	<0.2
1070512	Soil	23	51	0.92	191	0.137	<1	2.13	0.016	0.46	0.3	0.03	10.0	0.5	<0.05	8	<0.5	<0.2
1070611	Soil	15	30	0.58	127	0.086	<1	1.99	0.011	0.09	0.2	0.04	3.2	0.2	<0.05	6	0.6	<0.2
1070504	Soil	25	42	0.81	135	0.145	1	1.84	0.014	0.27	0.1	0.03	3.2	0.3	<0.05	6	<0.5	<0.2
1070505	Soil	28	45	0.78	148	0.149	<1	2.05	0.013	0.34	0.2	0.03	4.4	0.4	<0.05	7	<0.5	<0.2
1070506	Soil	31	47	0.96	177	0.178	1	2.37	0.014	0.42	0.2	0.04	5.7	0.4	<0.05	8	<0.5	<0.2
1070507	Soil	27	58	1.03	194	0.169	1	2.45	0.012	0.47	0.2	0.03	5.5	0.5	<0.05	8	<0.5	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1070523	Soil	1.1	29.1	10.3	96	<0.1	28.0	16.6	743	3.53	3.9	2.7	2.3	7.9	15	0.2	0.3	0.6	69	0.35	0.110
1070524	Soil	1.1	24.0	11.3	67	<0.1	17.3	12.3	691	3.12	2.8	2.8	3.9	9.6	12	0.1	0.2	0.3	54	0.33	0.110
1070525	Soil	0.9	18.2	7.6	54	<0.1	20.8	10.2	373	2.77	5.7	1.0	2.8	4.5	13	0.1	0.4	0.2	60	0.22	0.063
1070526	Soil	0.6	18.5	6.1	57	<0.1	25.1	13.9	461	2.96	4.8	0.9	6.6	5.2	13	0.2	0.3	0.1	64	0.21	0.050
1070527	Soil	1.0	17.5	9.1	55	<0.1	21.9	9.7	356	3.22	7.8	0.8	3.9	3.1	11	<0.1	0.5	0.2	65	0.14	0.041
1070528	Soil	1.0	29.7	7.0	78	<0.1	26.6	12.7	535	3.05	6.5	2.5	3.3	6.9	18	0.3	0.5	0.2	63	0.29	0.100
1070529	Soil	0.9	28.4	7.3	72	<0.1	28.4	14.5	519	3.35	6.7	2.3	6.3	6.2	17	0.3	0.4	0.4	69	0.29	0.087
1070530	Soil	0.7	14.0	8.7	51	<0.1	20.4	11.1	442	2.99	4.3	1.1	1.9	7.4	11	<0.1	0.3	0.3	58	0.23	0.073
1070531	Soil	0.7	14.6	9.5	45	<0.1	19.2	9.2	304	2.75	5.1	1.2	2.1	5.3	11	0.1	0.4	0.2	57	0.20	0.061
1070532	Soil	0.8	18.1	7.4	49	<0.1	16.7	9.0	326	2.86	5.4	3.1	7.1	15.5	10	<0.1	0.4	0.3	61	0.16	0.040
1064798	Soil	0.7	20.0	9.8	61	<0.1	23.9	10.4	471	2.51	5.9	1.1	1.3	3.6	14	0.2	0.4	0.2	54	0.23	0.047
1064796	Soil	1.1	25.3	8.4	64	<0.1	25.0	12.7	493	3.15	7.4	2.6	1.2	4.2	13	0.1	0.5	0.2	73	0.17	0.042
1070515	Soil	0.2	17.7	12.5	52	0.1	10.8	5.7	368	1.99	3.6	16.4	<0.5	14.2	24	<0.1	0.2	0.2	36	0.44	0.063
1064794	Soil	0.3	12.4	24.9	71	<0.1	7.7	6.3	736	2.06	3.8	7.0	<0.5	8.7	26	0.2	0.1	0.8	26	0.35	0.090
1064793	Soil	0.5	18.4	6.1	58	<0.1	17.7	8.1	435	2.38	4.5	7.6	<0.5	5.3	23	0.2	0.3	0.3	53	0.42	0.094

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

Project: ECH
Report Date: August 06, 2011

CERTIFICATE OF ANALYSIS WHI11000688.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1070523	Soil	23	47	1.04	169	0.171	1	2.28	0.012	0.49	0.2	0.04	3.5	0.5	<0.05	7	<0.5	<0.2
1070524	Soil	28	29	0.92	159	0.138	1	2.18	0.008	0.61	0.1	0.03	3.0	0.6	<0.05	8	<0.5	<0.2
1070525	Soil	13	32	0.65	95	0.115	<1	1.73	0.010	0.20	0.2	0.03	2.7	0.2	<0.05	6	<0.5	<0.2
1070526	Soil	14	36	0.81	108	0.136	1	1.96	0.011	0.24	0.2	0.03	3.1	0.2	<0.05	6	<0.5	<0.2
1070527	Soil	11	32	0.61	86	0.106	1	2.16	0.008	0.09	0.2	0.06	2.6	0.1	<0.05	7	<0.5	<0.2
1070528	Soil	24	29	0.79	156	0.122	2	1.99	0.014	0.18	0.3	0.04	3.4	0.3	<0.05	7	<0.5	<0.2
1070529	Soil	21	38	0.93	190	0.139	2	2.18	0.012	0.22	0.2	0.04	3.8	0.3	<0.05	7	<0.5	<0.2
1070530	Soil	18	32	1.04	108	0.127	<1	2.01	0.008	0.31	0.1	0.04	3.5	0.2	<0.05	8	<0.5	<0.2
1070531	Soil	15	33	0.69	70	0.101	1	1.70	0.008	0.15	0.2	0.05	2.9	0.2	<0.05	6	<0.5	<0.2
1070532	Soil	20	25	0.59	79	0.103	2	1.75	0.010	0.13	0.3	0.05	3.1	0.2	<0.05	7	<0.5	<0.2
1064798	Soil	10	28	0.49	99	0.102	<1	1.69	0.010	0.12	0.2	0.02	2.6	0.2	<0.05	5	<0.5	<0.2
1064796	Soil	15	33	0.66	93	0.112	1	2.09	0.012	0.16	0.2	0.04	3.1	0.3	<0.05	7	<0.5	<0.2
1070515	Soil	26	19	0.53	130	0.053	<1	1.93	0.007	0.25	<0.1	0.01	4.1	0.3	<0.05	7	<0.5	<0.2
1064794	Soil	28	10	0.38	100	0.038	1	1.50	0.007	0.26	<0.1	<0.01	3.0	0.3	<0.05	6	<0.5	<0.2
1064793	Soil	15	26	0.48	139	0.106	1	1.36	0.016	0.22	0.2	<0.01	3.7	0.3	<0.05	5	<0.5	<0.2

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600 - 666 Burrard St.
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Project: ECH
Report Date: August 06, 2011

QUALITY CONTROL REPORT WHI11000688.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1066179	Soil	0.5	29.2	12.8	75	<0.1	47.4	14.0	491	3.71	6.9	4.9	1.6	8.2	23	<0.1	0.3	0.8	79	0.33	0.086
REP 1066179	QC	0.5	29.0	11.9	74	<0.1	48.1	14.1	477	3.56	6.9	4.8	7.3	7.8	23	<0.1	0.3	0.8	78	0.32	0.081
1066169	Soil	0.9	14.3	8.1	44	<0.1	11.9	6.4	316	2.20	6.0	0.7	2.0	0.7	10	<0.1	0.4	0.2	48	0.11	0.067
REP 1066169	QC	0.9	14.3	8.3	44	<0.1	11.1	6.3	313	2.17	5.8	0.7	3.5	0.7	10	0.2	0.4	0.2	49	0.11	0.069
1070663	Soil	0.4	17.2	7.4	51	<0.1	17.4	7.9	319	2.20	4.9	3.7	3.1	5.7	13	0.1	0.3	0.5	50	0.23	0.062
REP 1070663	QC	0.5	16.4	6.8	48	<0.1	16.6	7.5	306	2.10	4.6	3.5	0.9	5.1	12	0.1	0.3	0.5	49	0.23	0.058
1070664	Soil	0.7	21.4	7.5	56	<0.1	19.9	9.3	393	2.27	6.4	1.9	3.6	3.7	12	0.2	0.4	0.3	50	0.19	0.051
REP 1070664	QC	0.7	20.9	8.1	53	<0.1	19.2	9.1	392	2.23	6.6	1.8	4.5	3.6	12	0.3	0.4	0.3	50	0.18	0.052
1070674	Soil	0.7	16.8	13.6	62	0.1	17.8	6.3	239	2.23	6.0	5.0	1.5	2.2	13	0.1	0.5	1.4	49	0.15	0.058
REP 1070674	QC	0.7	16.3	13.3	62	0.2	16.6	6.1	237	2.20	6.1	4.9	1.8	2.1	13	0.2	0.5	1.4	48	0.14	0.056
1066306	Soil	0.4	16.0	6.1	73	<0.1	20.9	11.2	377	2.75	4.5	1.5	3.7	4.5	15	0.2	0.3	0.3	59	0.27	0.087
REP 1066306	QC	0.5	15.3	6.4	73	<0.1	20.5	10.6	367	2.67	4.5	1.4	0.5	4.3	15	0.3	0.4	0.4	58	0.26	0.085
1066330	Soil	0.6	21.1	9.2	80	<0.1	19.1	7.5	407	2.14	5.2	14.4	2.0	4.7	20	0.4	0.4	0.9	47	0.32	0.109
REP 1066330	QC	0.5	21.7	9.2	78	<0.1	18.7	7.1	406	2.12	4.8	14.5	2.0	4.5	19	0.3	0.4	0.8	45	0.31	0.110
1066316	Soil	0.5	14.9	6.1	80	<0.1	17.0	6.1	329	1.92	4.3	4.0	1.5	3.0	14	0.3	0.3	0.4	35	0.18	0.078
REP 1066316	QC	0.5	14.4	6.3	78	<0.1	17.5	6.4	340	1.95	4.7	3.8	1.9	3.0	14	0.2	0.3	0.4	36	0.19	0.082
1068190	Soil	1.0	16.0	8.9	58	0.1	16.8	8.3	356	2.86	5.4	3.5	5.2	3.5	24	0.2	0.4	0.3	59	0.35	0.096
REP 1068190	QC	0.9	16.2	9.2	59	0.1	17.5	8.8	382	2.98	5.7	3.7	2.2	3.7	25	0.2	0.4	0.3	60	0.37	0.097
1069035	Soil	1.3	23.3	14.2	78	<0.1	19.1	9.4	698	2.54	5.7	17.3	3.1	3.1	18	0.2	0.4	0.8	52	0.23	0.096
REP 1069035	QC	1.4	23.7	13.7	80	<0.1	18.7	9.8	681	2.52	6.1	16.8	1.8	2.9	18	0.2	0.4	0.7	51	0.23	0.095
1068207	Soil	0.6	22.0	10.9	57	<0.1	26.4	11.7	338	2.87	8.6	2.5	2.6	2.7	11	0.1	0.4	0.2	56	0.14	0.029
REP 1068207	QC	0.8	21.9	10.6	57	<0.1	27.1	11.3	334	2.88	8.2	2.5	1.2	2.6	11	0.2	0.5	0.2	55	0.12	0.030
1069376	Soil	0.8	18.4	8.0	67	<0.1	20.1	8.3	403	2.45	4.2	3.1	2.5	4.1	13	<0.1	0.5	0.9	49	0.23	0.078
REP 1069376	QC	0.7	20.2	8.1	69	<0.1	20.4	8.2	409	2.49	4.6	3.2	0.9	4.2	13	0.2	0.5	1.6	50	0.23	0.079
1033529	Soil	0.9	23.3	9.7	69	<0.1	23.5	10.0	482	3.06	7.7	3.1	4.6	3.0	15	0.2	0.4	3.3	62	0.25	0.079
REP 1033529	QC	0.8	22.0	9.3	67	<0.1	23.1	10.2	460	3.05	7.3	3.0	0.7	2.9	15	0.2	0.5	2.8	61	0.24	0.076
1070616	Soil	0.9	19.0	9.5	54	<0.1	23.1	11.4	391	3.24	8.3	2.1	1.8	3.7	12	0.3	0.4	0.5	61	0.18	0.060
REP 1070616	QC	0.9	19.5	9.7	59	<0.1	24.5	11.8	399	3.39	8.6	2.2	1.8	3.7	12	0.3	0.4	0.6	62	0.19	0.063

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Project: ECH
Report Date: August 06, 2011

QUALITY CONTROL REPORT WHI11000688.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1066179	Soil	22	84	1.15	219	0.165	<1	3.22	0.010	0.29	0.6	0.02	5.3	0.5	0.06	10	<0.5	<0.2
REP 1066179	QC	22	81	1.12	219	0.162	<1	3.07	0.010	0.28	0.6	0.03	5.2	0.5	<0.05	9	<0.5	<0.2
1066169	Soil	7	21	0.27	78	0.053	1	1.60	0.011	0.04	0.1	0.05	1.4	<0.1	0.08	5	0.7	<0.2
REP 1066169	QC	7	21	0.26	76	0.052	<1	1.66	0.011	0.04	0.1	0.05	1.5	<0.1	0.08	5	0.5	<0.2
1070663	Soil	13	26	0.51	102	0.122	2	1.85	0.011	0.15	0.1	0.03	2.9	0.2	<0.05	6	<0.5	<0.2
REP 1070663	QC	12	25	0.49	95	0.115	2	1.78	0.010	0.14	0.1	0.03	2.8	0.2	<0.05	5	<0.5	<0.2
1070664	Soil	11	24	0.44	101	0.076	2	1.66	0.013	0.06	0.1	0.06	2.4	0.1	<0.05	5	<0.5	<0.2
REP 1070664	QC	11	24	0.43	104	0.079	2	1.66	0.011	0.06	0.1	0.03	2.3	0.2	<0.05	5	<0.5	<0.2
1070674	Soil	13	25	0.43	93	0.052	<1	1.79	0.010	0.06	0.1	0.04	2.3	0.1	<0.05	5	0.5	<0.2
REP 1070674	QC	12	25	0.44	91	0.052	<1	1.77	0.009	0.06	0.1	0.04	2.3	0.2	<0.05	5	<0.5	<0.2
1066306	Soil	12	27	0.69	159	0.160	<1	2.07	0.015	0.27	0.3	0.04	3.5	0.4	<0.05	7	<0.5	<0.2
REP 1066306	QC	12	26	0.69	157	0.154	<1	2.11	0.015	0.26	0.3	0.03	3.5	0.4	<0.05	7	<0.5	<0.2
1066330	Soil	13	22	0.41	129	0.075	1	1.41	0.017	0.06	0.1	0.04	3.4	<0.1	<0.05	4	<0.5	<0.2
REP 1066330	QC	12	22	0.41	131	0.072	1	1.40	0.017	0.06	0.2	0.05	3.3	0.1	<0.05	4	<0.5	<0.2
1066316	Soil	7	17	0.33	92	0.061	1	1.52	0.010	0.05	0.1	0.06	1.8	0.1	<0.05	4	<0.5	<0.2
REP 1066316	QC	7	17	0.31	95	0.063	<1	1.56	0.011	0.05	0.1	0.06	1.8	<0.1	<0.05	4	0.6	<0.2
1068190	Soil	14	27	0.51	158	0.088	2	1.65	0.017	0.15	0.2	0.04	3.7	0.2	<0.05	6	<0.5	<0.2
REP 1068190	QC	14	29	0.52	167	0.092	2	1.66	0.018	0.16	0.2	0.05	4.0	0.2	<0.05	6	<0.5	<0.2
1069035	Soil	13	27	0.57	113	0.087	2	1.93	0.021	0.16	0.5	0.05	2.9	0.3	<0.05	7	<0.5	<0.2
REP 1069035	QC	12	26	0.57	113	0.088	2	1.97	0.020	0.16	0.5	0.06	2.9	0.3	<0.05	7	<0.5	<0.2
1068207	Soil	8	30	0.54	99	0.085	2	2.36	0.010	0.09	0.4	0.03	3.2	0.1	<0.05	5	0.6	<0.2
REP 1068207	QC	7	29	0.53	96	0.081	1	2.20	0.011	0.08	0.3	0.05	3.0	0.1	<0.05	5	0.5	<0.2
1069376	Soil	12	24	0.45	113	0.099	1	1.66	0.010	0.18	1.0	0.04	2.5	0.3	<0.05	5	1.2	<0.2
REP 1069376	QC	13	25	0.45	114	0.103	1	1.65	0.010	0.18	1.1	0.05	2.8	0.3	<0.05	5	1.4	<0.2
1033529	Soil	13	29	0.57	121	0.096	<1	2.00	0.012	0.13	1.9	0.04	3.0	0.3	0.06	7	0.5	<0.2
REP 1033529	QC	13	28	0.57	120	0.094	<1	1.97	0.012	0.13	2.5	0.05	3.2	0.3	<0.05	7	<0.5	<0.2
1070616	Soil	13	32	0.53	116	0.086	<1	2.32	0.009	0.07	0.2	0.04	3.2	0.2	<0.05	6	0.6	<0.2
REP 1070616	QC	14	34	0.57	120	0.090	1	2.46	0.010	0.07	0.2	0.04	3.4	0.2	<0.05	6	<0.5	<0.2

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Project: ECH
Report Date: August 06, 2011

QUALITY CONTROL REPORT WHI11000688.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1070629	Soil	1.0	18.5	11.2	67	<0.1	19.9	9.9	548	2.81	7.2	4.5	1.3	2.0	20	0.2	0.4	1.0	62	0.29	0.081
REP 1070629	QC	0.9	18.8	11.1	68	<0.1	19.0	9.9	540	2.77	7.0	4.5	7.4	1.9	20	0.2	0.4	1.0	61	0.30	0.079
1070529	Soil	0.9	28.4	7.3	72	<0.1	28.4	14.5	519	3.35	6.7	2.3	6.3	6.2	17	0.3	0.4	0.4	69	0.29	0.087
REP 1070529	QC	0.8	27.6	7.0	68	<0.1	27.5	14.3	506	3.26	6.5	2.2	6.2	6.0	17	0.2	0.4	0.4	66	0.28	0.089
Reference Materials																					
STD DS8	Standard	14.0	102.7	111.8	287	1.7	37.0	7.5	642	2.49	25.8	2.4	111.1	6.5	65	2.3	5.4	6.1	39	0.72	0.076
STD DS8	Standard	13.1	99.2	112.2	301	1.7	35.0	7.2	580	2.32	24.1	2.6	96.9	6.3	62	2.2	4.9	6.0	37	0.70	0.078
STD DS8	Standard	13.3	109.0	123.4	313	1.9	36.4	7.5	624	2.46	27.4	2.8	117.6	7.2	72	2.4	6.1	7.0	42	0.73	0.084
STD DS8	Standard	13.6	108.6	128.9	304	1.8	37.5	7.1	615	2.44	26.3	2.9	110.1	7.2	70	2.2	6.0	7.3	41	0.72	0.082
STD DS8	Standard	12.7	110.8	129.7	308	1.9	39.5	7.4	615	2.42	25.1	2.6	107.2	6.4	61	2.6	5.5	6.1	41	0.68	0.079
STD DS8	Standard	12.4	110.4	130.1	316	1.8	37.1	7.3	630	2.41	25.5	2.8	114.1	6.7	62	2.1	5.5	6.2	39	0.67	0.082
STD DS8	Standard	11.2	95.5	110.4	270	1.6	31.8	6.6	527	2.10	22.0	2.4	101.9	6.0	56	2.0	4.8	5.3	37	0.61	0.069
STD DS8	Standard	12.1	96.2	114.3	276	1.6	32.7	6.5	545	2.16	23.1	2.6	101.5	6.2	58	1.9	4.8	5.5	39	0.65	0.070
STD DS8	Standard	12.6	102.7	117.5	301	1.7	36.2	7.0	585	2.34	25.9	2.6	114.9	6.6	69	2.4	5.6	6.6	40	0.64	0.075
STD DS8	Standard	12.5	101.5	117.1	300	1.8	34.9	6.9	583	2.32	25.4	2.7	106.9	6.5	67	2.2	5.7	6.4	40	0.66	0.076
STD DS8	Standard	13.5	117.3	128.2	328	1.9	40.2	7.8	627	2.86	27.6	2.6	110.0	6.4	64	2.0	5.3	6.3	43	0.74	0.083
STD DS8	Standard	14.2	113.2	125.1	310	1.8	39.7	7.7	618	2.80	26.6	2.6	115.6	6.4	62	2.3	5.2	6.3	42	0.70	0.078
STD DS8	Standard	13.5	118.7	124.1	322	1.9	41.4	7.8	632	2.50	27.7	2.7	116.0	6.4	63	2.4	5.7	6.4	43	0.69	0.079
STD DS8	Standard	13.4	109.9	126.9	304	1.9	38.4	7.4	604	2.41	25.4	2.7	106.8	6.5	62	2.3	5.4	6.1	42	0.67	0.077
STD DS8	Standard	13.5	109.6	130.4	314	1.8	38.8	8.0	631	2.58	28.1	2.8	114.1	6.6	63	2.5	5.7	6.7	44	0.69	0.080
STD DS8	Standard	12.9	105.5	124.3	305	1.8	37.4	7.6	600	2.39	25.6	2.7	107.2	6.6	61	2.2	5.2	6.5	43	0.65	0.075
STD DS8	Standard	11.4	103.3	105.9	305	1.8	34.6	6.9	592	2.35	26.3	2.3	107.6	5.8	57	2.4	5.0	6.0	39	0.63	0.076
STD DS8	Standard	12.5	104.1	120.9	300	1.8	35.1	7.0	557	2.26	24.8	2.7	102.2	6.4	53	2.1	4.8	5.3	38	0.62	0.074
STD DS8	Standard	13.0	102.2	122.9	302	1.8	35.4	7.0	557	2.27	25.5	2.7	110.5	6.7	54	2.2	4.6	5.5	38	0.62	0.076
STD DS8	Standard	11.4	104.3	120.5	310	1.8	37.7	7.3	598	2.44	26.3	2.5	111.3	6.1	62	2.4	5.5	7.0	41	0.64	0.077
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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

Project: ECH
Report Date: August 06, 2011

QUALITY CONTROL REPORT WHI11000688.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1070629	Soil	16	31	0.52	144	0.071	3	1.76	0.011	0.11	0.2	0.04	2.7	0.2	0.06	6	0.7	<0.2
REP 1070629	QC	14	31	0.50	144	0.069	1	1.67	0.010	0.11	0.2	0.03	2.7	0.2	0.05	6	0.6	<0.2
1070529	Soil	21	38	0.93	190	0.139	2	2.18	0.012	0.22	0.2	0.04	3.8	0.3	<0.05	7	<0.5	<0.2
REP 1070529	QC	20	37	1.00	183	0.140	2	2.19	0.013	0.22	0.2	0.04	3.7	0.3	<0.05	7	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	16	117	0.54	283	0.118	3	0.94	0.085	0.41	3.0	0.19	2.1	5.1	0.18	5	5.1	4.7
STD DS8	Standard	14	109	0.52	263	0.102	<1	0.87	0.082	0.40	2.8	0.18	2.0	5.2	0.17	4	4.4	5.0
STD DS8	Standard	16	117	0.63	298	0.118	2	0.98	0.105	0.46	2.9	0.22	2.8	5.7	0.12	5	5.4	5.4
STD DS8	Standard	16	114	0.61	291	0.119	3	0.94	0.101	0.45	3.0	0.24	2.6	5.5	0.13	5	5.2	5.2
STD DS8	Standard	13	113	0.53	272	0.105	3	0.87	0.067	0.42	3.1	0.21	2.2	5.6	0.09	4	5.7	5.6
STD DS8	Standard	13	114	0.54	269	0.110	2	0.92	0.086	0.42	3.1	0.20	2.4	5.6	0.10	5	6.9	5.0
STD DS8	Standard	13	99	0.52	238	0.107	3	0.86	0.091	0.36	2.6	0.15	1.8	4.6	0.14	4	4.2	4.4
STD DS8	Standard	14	104	0.54	256	0.112	3	0.87	0.088	0.38	2.7	0.18	1.9	4.9	0.15	4	4.9	4.6
STD DS8	Standard	15	108	0.59	269	0.117	2	0.89	0.087	0.39	2.8	0.19	2.0	5.4	0.12	4	5.3	4.7
STD DS8	Standard	15	109	0.59	269	0.118	2	0.89	0.088	0.39	2.8	0.20	2.0	5.4	0.11	5	4.7	5.1
STD DS8	Standard	14	121	0.66	275	0.117	<1	0.93	0.079	0.44	3.1	0.21	1.9	5.6	0.19	5	5.7	5.1
STD DS8	Standard	15	121	0.63	280	0.117	2	0.93	0.074	0.43	3.0	0.21	1.9	5.5	0.15	5	5.3	5.1
STD DS8	Standard	14	118	0.62	288	0.121	2	0.94	0.098	0.42	3.0	0.19	2.0	5.2	0.22	5	5.1	5.0
STD DS8	Standard	14	116	0.60	282	0.115	1	0.89	0.091	0.41	2.9	0.18	2.0	5.4	0.20	4	5.3	5.0
STD DS8	Standard	14	123	0.63	268	0.114	2	0.94	0.084	0.43	3.1	0.22	2.1	5.8	0.21	5	5.4	5.6
STD DS8	Standard	14	116	0.59	265	0.110	2	0.88	0.082	0.40	3.0	0.19	2.1	5.5	0.16	5	5.2	5.4
STD DS8	Standard	12	108	0.59	255	0.095	3	0.84	0.081	0.40	3.1	0.22	2.1	5.4	0.13	5	5.2	5.0
STD DS8	Standard	13	109	0.56	262	0.097	2	0.82	0.075	0.39	2.9	0.21	1.8	5.2	0.13	4	5.2	4.8
STD DS8	Standard	13	108	0.58	271	0.097	3	0.84	0.077	0.39	2.9	0.21	1.9	5.2	0.13	4	4.7	5.0
STD DS8	Standard	12	114	0.62	277	0.105	3	0.86	0.080	0.40	3.0	0.21	2.0	5.5	0.13	4	5.3	5.5
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

Project: ECH
Report Date: August 06, 2011

QUALITY CONTROL REPORT WHI11000688.1

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

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

Project: ECH
Report Date: August 06, 2011

QUALITY CONTROL REPORT WHI11000688.1

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

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

Submitted By: Mike Skead
Receiving Lab: Canada-Whitehorse
Received: July 15, 2011
Report Date: July 30, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS WHI11000689.1

CLIENT JOB INFORMATION

Project: ECH
Shipment ID:
P.O. Number
Number of Samples: 100

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

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

ADDITIONAL COMMENTS

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Vancouver BC V6C 1H2 Canada

Project: ECH
Report Date: July 30, 2011

CERTIFICATE OF ANALYSIS WHI11000689.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1033709	Soil		0.7	20.0	7.8	54	<0.1	19.9	9.1	408	2.60	7.0	1.1	3.0	2.5	10	<0.1	0.4	0.2	54	0.13	0.045
1033703	Soil		0.6	14.1	6.1	46	<0.1	13.5	6.4	292	1.75	3.8	1.2	3.0	2.1	10	0.2	0.3	0.2	40	0.18	0.069
1033706	Soil		0.6	15.4	7.1	51	<0.1	15.4	7.2	345	2.29	4.2	2.3	2.3	3.1	10	0.1	0.3	0.1	46	0.18	0.061
1033708	Soil		0.6	18.4	6.9	59	<0.1	19.0	9.9	474	2.68	5.4	3.0	1.7	4.4	10	0.1	0.3	0.2	52	0.18	0.064
1033710	Soil		0.5	20.4	7.0	63	<0.1	18.8	10.0	511	2.66	4.9	7.5	3.1	4.9	20	0.2	0.3	0.2	57	0.35	0.093
1033701	Soil		0.4	14.5	7.2	47	<0.1	13.5	5.7	272	1.57	3.6	5.6	1.3	3.7	17	0.2	0.2	0.6	35	0.28	0.077
1033702	Soil		0.4	19.1	8.5	63	<0.1	16.5	8.4	401	2.34	3.9	4.0	2.9	7.5	19	0.1	0.3	0.4	51	0.32	0.095
1033704	Soil		0.7	22.5	12.3	65	<0.1	19.8	9.2	547	2.31	5.3	6.0	3.0	4.8	16	0.3	0.3	0.2	49	0.27	0.084
1033705	Soil		0.3	13.9	15.3	41	<0.1	9.4	4.8	429	1.47	2.9	5.9	1.5	5.2	58	0.1	0.1	0.1	18	0.51	0.033
1033707	Soil		0.7	17.9	8.1	53	<0.1	20.2	9.4	379	2.61	7.0	1.4	2.7	2.8	11	0.1	0.4	0.1	52	0.18	0.060
1064797	Soil		1.2	34.2	8.2	78	<0.1	26.6	22.9	880	4.48	6.1	4.4	1.1	8.5	14	0.1	0.4	0.3	80	0.26	0.066
1070533	Soil		0.5	17.3	7.6	51	<0.1	21.0	9.4	407	2.30	4.7	2.9	1.6	22.8	10	0.1	0.3	0.3	49	0.20	0.043
1064795	Soil		0.6	22.9	12.7	61	<0.1	22.3	10.8	488	2.71	5.3	3.5	4.7	5.1	19	0.2	0.3	0.7	57	0.38	0.097
1033722	Soil		0.6	14.2	10.7	47	<0.1	12.9	5.3	217	2.47	5.1	1.0	1.8	1.8	9	0.2	0.4	0.2	46	0.14	0.069
1033724	Soil		0.6	20.6	11.7	52	<0.1	19.5	7.8	333	2.31	6.5	2.5	1.6	3.0	17	0.1	0.4	0.2	52	0.17	0.046
1033721	Soil		0.4	17.4	17.2	69	<0.1	17.5	9.9	571	2.72	4.2	2.8	4.9	6.9	21	0.1	0.3	0.2	45	0.35	0.067
1033715	Soil		0.6	16.8	6.6	51	<0.1	18.6	8.4	392	2.31	5.1	2.3	3.3	4.3	11	0.1	0.3	0.7	46	0.17	0.047
1033726	Soil		0.5	11.2	11.2	53	<0.1	12.1	8.2	560	2.04	3.6	1.4	0.9	2.4	12	0.2	0.2	0.2	40	0.17	0.074
1033728	Soil		0.6	16.2	24.2	70	<0.1	15.9	8.2	493	2.50	5.4	2.6	3.5	1.6	23	0.2	0.4	0.8	44	0.13	0.057
1033730	Soil		0.9	15.9	9.6	57	<0.1	17.4	7.7	336	2.49	6.1	2.2	3.2	2.5	11	0.1	0.4	1.2	53	0.13	0.045
1033718	Soil		0.4	15.9	21.3	126	<0.1	50.2	15.1	757	3.76	7.5	3.3	2.3	7.9	11	0.2	0.2	0.4	50	0.24	0.081
1033723	Soil		0.5	16.6	12.5	54	<0.1	14.9	6.8	218	1.95	4.0	3.0	2.2	4.4	19	<0.1	0.3	0.2	43	0.29	0.059
1033719	Soil		0.8	18.7	12.3	65	<0.1	17.4	10.1	692	2.72	5.6	3.4	2.2	2.3	18	0.1	0.3	0.6	57	0.23	0.073
1033720	Soil		1.0	14.0	9.0	44	<0.1	12.9	6.3	249	2.31	5.7	1.2	5.2	1.9	9	0.1	0.5	0.2	53	0.09	0.036
1033717	Soil		0.6	17.6	8.3	65	<0.1	23.2	10.5	414	2.54	5.3	1.3	0.7	4.4	11	0.2	0.3	0.6	52	0.19	0.051
1033711	Soil		0.5	21.2	6.7	58	<0.1	24.8	10.9	458	2.48	5.8	3.5	2.8	4.8	14	0.3	0.3	0.2	52	0.25	0.077
1033712	Soil		0.9	17.4	9.6	53	<0.1	18.9	8.9	404	2.69	5.9	3.1	3.9	4.1	10	<0.1	0.3	1.0	55	0.16	0.053
1033713	Soil		0.6	15.7	11.2	61	<0.1	18.8	9.4	408	2.40	4.8	2.0	1.6	5.0	11	<0.1	0.3	1.5	47	0.16	0.044
1033714	Soil		0.8	14.6	9.1	48	<0.1	13.5	6.5	363	2.49	5.7	1.1	1.8	1.6	9	0.1	0.4	1.7	54	0.11	0.047
1033716	Soil		0.7	15.6	7.2	52	<0.1	16.2	6.7	307	2.34	4.3	2.1	0.7	2.6	10	<0.1	0.2	0.7	46	0.13	0.046

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

Project: ECH
Report Date: July 30, 2011

CERTIFICATE OF ANALYSIS WHI11000689.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1033709	Soil	10	25	0.54	91	0.102	2	1.86	0.008	0.12	0.1	0.06	2.4	0.2	<0.05	6	<0.5	<0.2
1033703	Soil	10	19	0.34	63	0.062	<1	1.30	0.008	0.05	<0.1	0.04	1.6	0.1	<0.05	4	<0.5	<0.2
1033706	Soil	12	21	0.53	92	0.098	<1	1.73	0.008	0.17	0.1	0.03	2.1	0.2	<0.05	6	<0.5	<0.2
1033708	Soil	12	24	0.64	125	0.126	<1	1.99	0.010	0.24	0.1	0.03	3.0	0.3	<0.05	7	<0.5	<0.2
1033710	Soil	15	25	0.67	178	0.137	<1	1.64	0.016	0.32	0.2	0.06	3.3	0.4	<0.05	6	<0.5	<0.2
1033701	Soil	11	18	0.31	96	0.066	<1	1.06	0.011	0.05	<0.1	0.02	2.5	<0.1	<0.05	3	<0.5	<0.2
1033702	Soil	23	26	0.56	120	0.129	1	1.62	0.011	0.21	0.1	0.02	4.0	0.3	<0.05	6	<0.5	<0.2
1033704	Soil	16	23	0.48	123	0.097	<1	1.61	0.009	0.11	0.1	0.03	3.1	0.2	<0.05	5	<0.5	<0.2
1033705	Soil	14	11	0.63	227	0.022	<1	1.90	0.006	0.25	<0.1	0.02	2.6	0.3	<0.05	6	<0.5	<0.2
1033707	Soil	11	27	0.55	89	0.086	1	1.96	0.009	0.10	0.2	0.05	2.7	0.2	<0.05	5	<0.5	<0.2
1064797	Soil	27	29	0.86	159	0.110	<1	2.50	0.008	0.35	<0.1	0.02	7.5	0.6	<0.05	8	<0.5	<0.2
1070533	Soil	28	27	0.60	86	0.066	1	1.65	0.009	0.12	0.2	0.02	3.0	0.2	<0.05	6	<0.5	<0.2
1064795	Soil	13	28	0.60	125	0.087	<1	1.98	0.014	0.24	0.2	0.03	3.1	0.3	<0.05	6	<0.5	<0.2
1033722	Soil	11	22	0.34	64	0.055	<1	1.55	0.007	0.09	0.1	0.06	2.3	0.1	0.05	5	<0.5	<0.2
1033724	Soil	13	26	0.47	106	0.072	2	1.80	0.009	0.08	0.1	0.03	3.0	0.1	<0.05	5	<0.5	<0.2
1033721	Soil	17	27	0.44	189	0.076	2	1.37	0.012	0.20	0.1	0.02	5.2	0.2	<0.05	4	<0.5	<0.2
1033715	Soil	13	22	0.49	106	0.102	<1	1.61	0.012	0.15	0.2	0.04	2.4	0.2	<0.05	5	<0.5	<0.2
1033726	Soil	11	25	0.40	104	0.068	1	1.48	0.009	0.14	<0.1	0.06	2.5	0.2	0.06	5	<0.5	<0.2
1033728	Soil	10	23	0.38	106	0.056	1	1.82	0.007	0.09	0.2	0.06	1.8	0.2	0.07	5	<0.5	<0.2
1033730	Soil	12	24	0.42	97	0.079	1	1.66	0.008	0.11	0.1	0.04	2.3	0.2	<0.05	6	<0.5	<0.2
1033718	Soil	25	86	0.83	365	0.060	<1	1.52	0.008	0.24	0.1	0.02	6.1	0.3	<0.05	5	<0.5	<0.2
1033723	Soil	14	23	0.37	105	0.076	<1	1.21	0.015	0.07	<0.1	0.03	2.9	<0.1	<0.05	3	<0.5	<0.2
1033719	Soil	12	32	0.48	234	0.084	1	1.61	0.011	0.16	0.2	0.04	3.6	0.2	<0.05	6	<0.5	<0.2
1033720	Soil	12	21	0.32	79	0.062	<1	1.48	0.007	0.07	0.2	0.04	2.0	0.2	<0.05	6	<0.5	<0.2
1033717	Soil	12	35	0.57	132	0.113	1	1.80	0.010	0.16	0.2	0.03	3.3	0.2	<0.05	6	<0.5	<0.2
1033711	Soil	15	41	0.69	132	0.116	1	1.72	0.013	0.17	1.3	0.02	3.0	0.3	<0.05	6	<0.5	<0.2
1033712	Soil	13	28	0.62	95	0.100	1	1.84	0.009	0.17	0.3	0.04	2.7	0.2	<0.05	6	<0.5	<0.2
1033713	Soil	14	24	0.61	130	0.102	1	1.79	0.010	0.19	0.1	0.02	3.0	0.2	<0.05	6	<0.5	<0.2
1033714	Soil	10	20	0.40	79	0.079	<1	1.53	0.008	0.10	0.1	0.05	1.6	0.2	<0.05	7	<0.5	<0.2
1033716	Soil	10	27	0.48	73	0.089	1	1.30	0.007	0.16	0.3	0.03	1.9	0.2	<0.05	6	<0.5	<0.2

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Project: ECH
Report Date: July 30, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1067283	Soil	2.0	9.4	15.5	75	<0.1	7.3	4.1	1063	2.09	12.1	6.3	1.1	18.9	26	0.3	0.5	0.2	13	0.12	0.024
1067278	Soil	0.6	13.7	7.1	51	<0.1	15.7	8.2	368	2.38	5.0	1.3	1.1	3.4	12	0.1	0.3	0.4	51	0.19	0.044
1067281	Soil	0.8	19.7	9.2	63	<0.1	23.7	10.4	474	2.96	8.4	1.8	5.3	5.5	15	0.3	0.4	0.3	62	0.20	0.051
1067280	Soil	0.8	25.2	11.3	74	<0.1	22.4	9.8	576	2.74	5.8	5.0	3.6	6.5	18	0.2	0.3	0.5	56	0.25	0.066
1067257	Soil	1.0	43.6	9.4	77	<0.1	33.9	14.4	480	3.55	5.2	4.6	0.9	2.3	16	0.2	0.4	0.4	57	0.15	0.072
1067266	Soil	0.4	37.7	9.3	61	<0.1	28.7	13.5	298	3.24	3.8	2.4	1.6	4.0	11	0.1	0.3	0.6	51	0.17	0.039
1067268	Soil	0.7	50.2	17.2	94	<0.1	50.5	19.9	677	4.56	13.3	4.2	2.1	6.3	12	<0.1	0.4	0.7	43	0.21	0.052
1067277	Soil	0.9	30.7	9.4	61	<0.1	23.7	10.1	342	2.80	8.7	5.0	1.2	5.1	18	0.2	0.4	0.3	61	0.26	0.074
1067282	Soil	0.6	26.1	7.8	62	<0.1	23.9	11.0	518	2.73	7.1	4.6	1.6	4.7	18	0.1	0.4	0.2	63	0.27	0.057
1067279	Soil	0.7	17.2	10.4	51	<0.1	18.2	8.0	388	2.35	5.7	1.7	5.2	3.5	12	0.1	0.4	0.5	56	0.19	0.049
1033725	Soil	0.6	21.9	8.0	59	<0.1	31.5	11.9	410	2.75	5.5	1.7	1.6	4.2	14	0.1	0.3	0.2	65	0.22	0.050
1033727	Soil	0.8	14.7	9.2	48	<0.1	15.5	6.7	252	2.43	6.1	0.6	3.0	1.8	10	<0.1	0.4	0.2	54	0.11	0.033
1033731	Soil	0.7	14.8	9.0	46	<0.1	15.7	6.7	274	2.23	5.4	1.7	<0.5	1.9	10	0.1	0.3	0.4	51	0.11	0.038
1033732	Soil	0.6	15.8	7.4	48	0.1	12.9	5.9	255	2.02	3.6	1.8	1.5	1.6	13	0.2	0.3	0.3	53	0.14	0.056
1033729	Soil	0.7	14.6	21.8	63	<0.1	15.0	7.7	467	2.36	4.9	2.1	3.0	1.3	20	0.1	0.3	0.7	45	0.11	0.050
1067274	Soil	0.7	22.2	7.6	54	<0.1	23.9	9.7	335	2.36	7.3	0.6	3.1	2.1	12	0.1	0.3	0.2	55	0.15	0.028
1067251	Soil	1.0	21.3	12.7	69	<0.1	23.3	10.1	441	3.39	4.5	3.2	<0.5	7.9	11	<0.1	0.4	0.8	51	0.22	0.055
1067265	Soil	0.5	36.6	10.0	61	<0.1	29.4	13.3	272	3.32	3.8	2.5	2.0	4.5	13	0.1	0.3	0.4	52	0.18	0.044
1067256	Soil	0.7	22.2	7.8	51	<0.1	21.3	9.8	323	2.71	6.7	1.9	1.6	3.0	11	<0.1	0.4	0.2	57	0.14	0.037
1067259	Soil	0.8	32.9	11.6	65	<0.1	29.0	12.8	404	3.31	5.2	2.6	1.9	2.7	12	0.2	0.4	0.3	53	0.15	0.049
1067258	Soil	1.0	37.4	14.2	75	<0.1	39.9	16.5	552	3.80	5.3	3.4	<0.5	3.8	16	0.1	0.6	0.5	51	0.18	0.040
1067264	Soil	0.5	22.1	17.4	75	<0.1	19.8	8.2	235	2.90	5.1	5.6	0.7	9.0	13	<0.1	0.5	0.6	43	0.18	0.046
1067255	Soil	0.7	19.4	8.0	54	<0.1	20.0	9.6	398	2.62	5.1	1.8	0.8	3.5	11	0.1	0.4	0.4	61	0.16	0.041
1067253	Soil	0.9	27.6	8.8	67	<0.1	27.5	11.2	436	3.31	10.2	2.5	0.9	3.9	11	<0.1	0.6	0.4	67	0.12	0.038
1067254	Soil	0.6	27.9	7.8	55	<0.1	28.9	9.8	306	2.94	6.6	4.0	3.5	5.1	14	0.1	0.5	0.4	56	0.22	0.057
1067260	Soil	0.9	21.7	10.0	54	<0.1	21.2	8.6	329	2.58	5.7	2.3	1.4	1.8	13	0.1	0.4	0.3	51	0.17	0.051
1067262	Soil	0.7	28.5	11.1	74	<0.1	31.2	11.9	204	3.06	5.0	4.5	1.3	6.1	13	0.1	0.3	0.5	46	0.20	0.056
1067261	Soil	0.6	33.8	20.5	107	<0.1	34.0	20.2	548	3.40	31.8	3.8	0.8	4.9	11	0.2	1.4	0.4	46	0.18	0.050
1067263	Soil	0.6	26.5	18.4	86	<0.1	21.8	9.9	311	3.21	6.1	5.7	<0.5	9.1	12	0.1	0.6	0.6	44	0.19	0.051
1067252	Soil	0.5	22.3	9.7	65	<0.1	51.2	19.4	585	3.54	4.2	2.1	<0.5	4.9	28	0.1	0.3	0.4	80	0.46	0.044

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1067283	Soil	21	7	0.13	163	0.005	1	0.52	0.005	0.07	<0.1	0.02	2.3	0.1	<0.05	1	<0.5	<0.2
1067278	Soil	8	21	0.42	74	0.097	2	1.56	0.011	0.12	0.1	0.04	3.5	0.2	<0.05	5	<0.5	<0.2
1067281	Soil	14	29	0.54	162	0.096	2	2.28	0.012	0.09	0.2	0.05	4.4	0.2	<0.05	6	<0.5	<0.2
1067280	Soil	19	25	0.48	169	0.105	<1	1.82	0.015	0.12	0.3	0.03	4.0	0.2	<0.05	5	<0.5	<0.2
1067257	Soil	10	37	0.60	142	0.131	<1	1.80	0.017	0.46	<0.1	0.03	3.2	0.4	0.10	6	<0.5	<0.2
1067266	Soil	13	32	0.49	126	0.136	1	1.62	0.008	0.33	0.1	0.02	4.2	0.4	<0.05	5	<0.5	<0.2
1067268	Soil	18	35	0.38	116	0.076	2	1.14	0.009	0.29	<0.1	0.04	5.1	0.7	<0.05	4	<0.5	<0.2
1067277	Soil	23	29	0.43	165	0.102	<1	2.13	0.011	0.10	0.2	0.04	4.7	0.2	<0.05	6	0.9	<0.2
1067282	Soil	19	28	0.46	156	0.102	<1	1.59	0.012	0.12	0.2	0.04	4.2	0.2	<0.05	5	<0.5	<0.2
1067279	Soil	10	24	0.38	97	0.087	<1	1.66	0.009	0.10	0.2	0.03	3.4	0.2	<0.05	5	<0.5	<0.2
1033725	Soil	13	69	0.84	175	0.120	<1	2.17	0.011	0.24	<0.1	0.02	5.2	0.2	<0.05	7	<0.5	<0.2
1033727	Soil	9	27	0.33	75	0.076	1	1.74	0.007	0.07	0.1	0.05	1.9	0.1	<0.05	5	<0.5	<0.2
1033731	Soil	9	24	0.35	72	0.068	<1	1.54	0.007	0.07	0.1	0.05	2.0	0.1	<0.05	5	<0.5	<0.2
1033732	Soil	13	21	0.37	90	0.074	1	1.44	0.009	0.10	0.1	0.06	2.2	0.2	0.06	5	0.5	<0.2
1033729	Soil	9	22	0.30	95	0.050	2	1.68	0.006	0.08	0.2	0.06	1.7	0.1	<0.05	5	<0.5	<0.2
1067274	Soil	8	26	0.45	113	0.087	<1	1.94	0.010	0.08	0.1	0.04	3.0	0.1	<0.05	5	<0.5	<0.2
1067251	Soil	21	34	0.41	93	0.098	1	1.36	0.010	0.27	0.1	0.03	4.3	0.4	<0.05	5	<0.5	<0.2
1067265	Soil	15	33	0.53	134	0.139	1	1.80	0.010	0.36	0.1	0.03	4.5	0.4	<0.05	5	0.9	<0.2
1067256	Soil	11	29	0.47	89	0.110	<1	1.75	0.009	0.15	0.2	0.04	3.4	0.2	<0.05	5	<0.5	<0.2
1067259	Soil	12	32	0.50	114	0.101	<1	1.74	0.009	0.24	0.2	0.04	3.2	0.4	<0.05	5	0.5	<0.2
1067258	Soil	11	35	0.56	126	0.140	<1	1.57	0.016	0.51	<0.1	0.01	3.4	0.4	0.06	6	0.5	<0.2
1067264	Soil	19	32	0.46	152	0.116	<1	1.38	0.009	0.43	<0.1	0.05	4.5	0.7	<0.05	5	<0.5	<0.2
1067255	Soil	12	32	0.48	83	0.106	2	1.85	0.009	0.16	0.2	0.05	3.6	0.3	<0.05	6	0.7	<0.2
1067253	Soil	14	42	0.53	96	0.131	<1	1.84	0.009	0.29	0.1	0.04	3.6	0.4	<0.05	7	<0.5	<0.2
1067254	Soil	15	36	0.52	93	0.120	<1	1.86	0.010	0.24	0.2	0.03	4.6	0.3	<0.05	5	<0.5	<0.2
1067260	Soil	11	25	0.37	99	0.067	1	1.44	0.010	0.12	0.1	0.05	2.5	0.3	<0.05	4	0.7	<0.2
1067262	Soil	26	31	0.34	133	0.038	2	1.81	0.007	0.16	<0.1	0.05	5.2	0.4	<0.05	5	0.9	<0.2
1067261	Soil	13	29	0.47	101	0.122	<1	1.72	0.010	0.33	0.1	0.04	3.0	0.5	<0.05	5	<0.5	<0.2
1067263	Soil	21	32	0.48	165	0.121	<1	1.44	0.008	0.51	<0.1	0.04	4.9	0.7	<0.05	5	<0.5	<0.2
1067252	Soil	17	112	1.13	283	0.159	<1	3.47	0.055	0.42	0.1	0.02	6.3	0.6	<0.05	7	<0.5	<0.2

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Project: ECH
Report Date: July 30, 2011

CERTIFICATE OF ANALYSIS WHI11000689.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1066214	Soil	0.4	13.0	19.1	60	<0.1	22.4	8.9	543	2.55	4.2	4.0	3.0	5.1	27	<0.1	0.2	0.3	54	0.29	0.061
1066216	Soil	0.5	14.4	8.5	56	<0.1	21.9	8.5	379	2.25	5.0	2.4	5.2	3.4	15	0.2	0.3	0.2	53	0.20	0.058
1066194	Soil	0.4	11.5	10.2	49	<0.1	19.8	6.9	234	1.97	3.0	5.1	<0.5	3.2	10	<0.1	0.2	0.3	47	0.18	0.067
1066196	Soil	0.5	11.5	12.1	52	0.1	19.6	7.3	384	2.02	2.9	4.8	<0.5	2.5	16	0.2	0.2	0.2	48	0.22	0.068
1066195	Soil	0.3	14.8	10.2	55	<0.1	22.6	6.5	190	2.04	3.2	4.9	<0.5	4.8	13	<0.1	0.2	0.2	48	0.26	0.079
1067275	Soil	0.6	20.5	6.3	59	<0.1	22.4	8.6	321	2.35	4.4	2.8	<0.5	4.2	14	0.2	0.3	0.3	55	0.21	0.047
1067270	Soil	0.4	20.0	9.5	46	<0.1	19.2	7.8	171	2.26	4.6	4.6	3.0	3.3	13	0.1	0.3	0.7	51	0.16	0.023
1067276	Soil	0.4	21.8	6.8	54	<0.1	20.8	8.5	380	2.48	5.3	2.3	1.2	4.1	24	0.1	0.3	0.4	57	0.31	0.057
1066215	Soil	0.3	13.7	19.7	62	<0.1	21.7	9.1	544	2.57	4.9	4.0	<0.5	4.4	25	0.1	0.2	0.3	56	0.27	0.056
1066217	Soil	0.5	8.2	4.2	22	<0.1	4.1	2.1	54	0.83	0.7	0.7	<0.5	0.1	8	<0.1	0.1	0.1	26	0.08	0.045
1067269	Soil	0.5	19.9	8.1	58	<0.1	19.9	8.8	264	2.72	5.4	2.9	1.2	5.3	15	0.2	0.4	0.5	59	0.24	0.050
1067271	Soil	0.8	24.3	8.7	57	<0.1	22.6	9.7	372	2.87	7.8	1.6	1.4	5.9	13	0.1	0.4	0.5	65	0.17	0.030
1067273	Soil	0.8	28.1	8.4	73	<0.1	26.9	12.3	449	3.46	6.0	5.3	1.5	6.0	14	<0.1	0.3	0.6	66	0.20	0.050
1067267	Soil	0.9	33.6	9.4	65	<0.1	27.9	12.8	415	3.56	7.4	2.0	1.5	4.3	14	<0.1	0.4	0.4	61	0.16	0.045
1067272	Soil	0.5	22.0	7.5	54	<0.1	20.7	8.0	274	2.63	5.4	3.0	<0.5	4.5	17	0.1	0.4	0.3	57	0.25	0.042
1066202	Soil	0.8	20.3	15.2	76	<0.1	21.3	10.0	590	2.87	9.2	8.4	3.1	2.6	22	0.2	0.4	0.3	60	0.29	0.078
1066213	Soil	0.7	9.3	10.2	43	<0.1	10.1	5.5	229	1.99	3.8	1.7	<0.5	0.6	13	0.1	0.2	0.2	45	0.15	0.050
1066206	Soil	0.4	21.4	8.7	57	<0.1	59.5	14.1	464	2.75	4.4	2.0	<0.5	6.1	21	0.2	0.2	0.8	70	0.37	0.091
1066208	Soil	0.6	20.9	10.2	63	<0.1	30.7	11.0	572	2.76	7.3	4.3	2.4	4.1	20	0.3	0.4	0.4	63	0.33	0.082
1066210	Soil	0.5	19.7	8.2	56	<0.1	38.2	11.0	415	2.49	5.3	2.7	<0.5	6.0	18	0.1	0.3	0.6	63	0.33	0.080
1066200	Soil	0.7	14.5	9.0	56	<0.1	17.3	6.8	298	2.43	6.9	1.9	<0.5	3.2	15	0.2	0.4	0.2	52	0.20	0.048
1066204	Soil	0.5	12.6	7.6	54	<0.1	16.8	6.9	318	2.08	5.0	2.0	2.3	4.3	24	0.2	0.3	0.2	51	0.28	0.083
1066203	Soil	0.8	7.9	20.0	33	<0.1	5.6	3.7	150	1.63	111.8	2.1	0.6	1.5	14	<0.1	0.9	0.3	39	0.09	0.035
1066201	Soil	0.8	17.8	12.0	59	<0.1	18.5	7.2	309	2.49	6.0	5.7	<0.5	1.5	15	0.2	0.4	0.4	55	0.18	0.070
1066205	Soil	0.7	15.3	9.5	51	<0.1	23.3	9.3	986	2.05	4.1	2.4	1.1	0.8	14	0.8	0.3	0.2	51	0.13	0.047
1066193	Soil	0.7	7.3	6.3	27	<0.1	8.6	3.9	162	1.53	2.2	2.4	<0.5	0.8	12	<0.1	0.2	0.2	43	0.13	0.032
1066197	Soil	0.9	14.6	10.4	39	0.3	10.8	6.3	397	1.80	3.2	8.2	<0.5	0.4	22	0.2	0.3	0.2	39	0.24	0.132
1066198	Soil	0.7	12.6	8.1	56	<0.1	15.5	6.0	229	2.18	4.8	2.9	<0.5	2.3	13	0.1	0.3	0.2	49	0.17	0.055
1066199	Soil	0.5	6.9	3.2	23	<0.1	4.1	2.5	94	0.93	1.1	2.2	<0.5	<0.1	10	0.1	0.2	<0.1	24	0.09	0.065
1066190	Soil	0.8	19.5	9.7	43	<0.1	15.5	5.9	213	1.96	5.2	1.1	<0.5	0.8	11	0.2	0.4	0.1	47	0.12	0.050

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Project: ECH
Report Date: July 30, 2011

CERTIFICATE OF ANALYSIS WHI11000689.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1066214	Soil	20	32	0.62	136	0.078	<1	1.72	0.008	0.10	0.2	0.03	3.2	0.2	<0.05	7	<0.5	<0.2
1066216	Soil	11	28	0.47	76	0.092	1	1.48	0.009	0.10	0.3	0.03	2.5	0.2	<0.05	5	<0.5	<0.2
1066194	Soil	12	30	0.51	102	0.089	<1	1.73	0.008	0.14	<0.1	0.03	2.3	0.2	<0.05	6	<0.5	<0.2
1066196	Soil	11	29	0.50	128	0.087	<1	1.77	0.008	0.12	0.1	0.04	2.5	0.2	<0.05	7	<0.5	<0.2
1066195	Soil	14	33	0.58	103	0.106	1	1.83	0.008	0.19	<0.1	0.03	3.1	0.3	<0.05	7	<0.5	<0.2
1067275	Soil	11	32	0.46	106	0.110	2	1.81	0.012	0.13	0.3	0.03	3.8	0.2	<0.05	5	<0.5	<0.2
1067270	Soil	12	29	0.38	116	0.092	<1	1.75	0.010	0.06	0.1	0.04	3.8	<0.1	<0.05	4	<0.5	<0.2
1067276	Soil	17	29	0.44	157	0.115	1	1.84	0.014	0.12	0.2	0.03	4.7	0.2	<0.05	5	<0.5	<0.2
1066215	Soil	19	32	0.62	132	0.076	<1	1.84	0.008	0.12	0.2	0.02	3.1	0.2	<0.05	7	<0.5	<0.2
1066217	Soil	3	8	0.08	38	0.035	<1	0.58	0.016	0.02	<0.1	0.06	0.6	<0.1	0.06	3	<0.5	<0.2
1067269	Soil	20	30	0.45	105	0.110	1	1.94	0.011	0.13	0.1	0.03	5.1	0.2	<0.05	6	<0.5	<0.2
1067271	Soil	21	31	0.49	88	0.108	2	2.26	0.011	0.12	0.2	0.03	5.2	0.2	<0.05	6	<0.5	<0.2
1067273	Soil	17	41	0.71	132	0.175	<1	2.45	0.011	0.38	0.1	0.03	5.1	0.4	<0.05	7	<0.5	<0.2
1067267	Soil	15	35	0.62	124	0.127	1	2.20	0.012	0.30	0.1	0.03	4.1	0.3	<0.05	7	<0.5	<0.2
1067272	Soil	16	31	0.44	138	0.107	<1	1.90	0.012	0.13	0.1	0.02	4.9	0.2	<0.05	5	<0.5	<0.2
1066202	Soil	15	31	0.49	129	0.056	1	2.20	0.011	0.08	0.2	0.03	2.8	0.2	<0.05	7	<0.5	<0.2
1066213	Soil	7	19	0.29	64	0.052	1	1.11	0.018	0.05	0.1	0.02	1.3	0.1	<0.05	5	<0.5	<0.2
1066206	Soil	17	90	1.25	97	0.150	<1	2.06	0.012	0.15	0.1	0.02	3.1	0.2	<0.05	7	<0.5	<0.2
1066208	Soil	15	42	0.62	130	0.098	2	1.92	0.013	0.10	0.3	0.03	3.0	0.2	<0.05	6	<0.5	<0.2
1066210	Soil	16	55	0.87	113	0.119	<1	1.74	0.011	0.11	0.4	0.01	3.1	0.2	<0.05	6	<0.5	<0.2
1066200	Soil	12	28	0.39	102	0.092	<1	1.45	0.008	0.09	0.2	0.01	1.9	0.1	<0.05	6	<0.5	<0.2
1066204	Soil	14	26	0.45	72	0.090	1	1.34	0.012	0.08	0.2	0.04	2.3	0.2	<0.05	5	<0.5	<0.2
1066203	Soil	16	11	0.13	58	0.016	<1	1.11	0.004	0.05	<0.1	0.02	0.9	0.2	<0.05	5	<0.5	<0.2
1066201	Soil	10	28	0.48	116	0.071	1	1.97	0.010	0.08	0.1	0.02	2.3	0.2	<0.05	6	<0.5	<0.2
1066205	Soil	8	41	0.47	106	0.078	<1	1.52	0.016	0.04	<0.1	0.03	1.6	0.2	<0.05	6	<0.5	<0.2
1066193	Soil	7	16	0.19	76	0.074	<1	0.68	0.015	0.05	<0.1	0.03	0.9	0.1	<0.05	5	<0.5	<0.2
1066197	Soil	11	21	0.24	148	0.036	<1	1.45	0.013	0.06	0.1	0.08	1.9	0.1	0.16	5	<0.5	<0.2
1066198	Soil	11	24	0.41	100	0.080	1	1.57	0.010	0.09	<0.1	0.01	2.1	0.2	<0.05	6	<0.5	<0.2
1066199	Soil	3	9	0.11	49	0.020	<1	0.56	0.018	0.03	<0.1	<0.01	0.3	<0.1	0.06	3	<0.5	<0.2
1066190	Soil	7	29	0.35	49	0.064	1	1.43	0.018	0.05	<0.1	0.04	1.2	0.1	<0.05	5	<0.5	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1066212	Soil		0.6	14.1	19.7	62	<0.1	20.8	9.6	647	2.60	10.1	4.5	<0.5	2.1	22	0.2	0.4	0.2	47	0.26	0.096
1066209	Soil		0.5	18.5	8.6	54	<0.1	36.4	10.5	427	2.57	4.9	2.8	<0.5	5.9	17	0.2	0.3	0.2	65	0.30	0.075
1066207	Soil		0.4	19.5	9.4	58	<0.1	41.2	12.0	464	2.55	5.2	2.5	1.0	5.9	22	0.2	0.3	1.5	67	0.36	0.082
1066192	Soil		0.4	15.0	9.2	51	<0.1	34.6	9.0	340	2.04	3.1	2.4	<0.5	4.9	17	0.2	0.2	0.2	51	0.33	0.087
1066189	Soil		0.7	10.0	11.9	24	0.1	5.3	2.4	77	1.00	1.6	1.0	<0.5	0.1	9	0.3	0.2	0.1	26	0.09	0.052
1066211	Soil		0.8	19.8	6.9	30	<0.1	10.0	3.3	125	1.53	3.3	2.4	1.9	0.7	16	0.1	0.4	0.3	34	0.15	0.050
1066191	Soil		0.7	15.0	9.5	49	<0.1	26.9	7.2	331	2.08	3.6	1.4	<0.5	1.8	15	0.1	0.3	0.2	51	0.19	0.061
1066188	Soil		0.7	11.1	6.2	26	0.1	8.1	2.6	90	0.94	1.6	1.1	<0.5	0.2	11	0.2	0.2	0.2	27	0.10	0.062
1066186	Soil		0.6	17.5	8.1	56	<0.1	24.1	8.1	458	1.94	3.8	3.1	<0.5	2.6	13	0.2	0.2	0.2	43	0.20	0.072
1066187	Soil		0.4	18.7	6.8	52	<0.1	48.8	11.5	341	2.25	2.4	2.2	<0.5	5.5	15	0.2	0.2	0.2	62	0.30	0.088

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

Project: ECH
Report Date: July 30, 2011

CERTIFICATE OF ANALYSIS WHI11000689.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1066212	Soil	15	28	0.43	146	0.032	1	1.57	0.008	0.10	0.1	0.02	2.4	0.2	<0.05	5	<0.5	<0.2
1066209	Soil	16	55	0.85	114	0.116	1	1.72	0.011	0.10	0.4	<0.01	2.8	0.2	<0.05	6	<0.5	<0.2
1066207	Soil	17	59	0.98	121	0.128	<1	1.79	0.013	0.12	0.2	<0.01	3.2	0.2	<0.05	7	<0.5	<0.2
1066192	Soil	13	56	0.72	109	0.122	<1	1.44	0.012	0.17	0.1	0.02	2.1	0.2	<0.05	5	<0.5	<0.2
1066189	Soil	4	11	0.11	35	0.028	<1	0.79	0.015	0.03	<0.1	0.06	0.5	<0.1	0.08	4	<0.5	<0.2
1066211	Soil	6	18	0.23	48	0.048	<1	1.23	0.028	0.07	<0.1	0.06	1.7	0.1	0.07	4	<0.5	<0.2
1066191	Soil	9	43	0.49	87	0.082	1	1.32	0.015	0.09	<0.1	0.08	1.5	0.1	<0.05	6	<0.5	<0.2
1066188	Soil	3	17	0.13	57	0.031	<1	0.74	0.016	0.05	<0.1	0.08	0.7	<0.1	0.09	3	<0.5	<0.2
1066186	Soil	11	33	0.49	77	0.076	<1	1.57	0.015	0.09	<0.1	0.03	1.9	0.2	<0.05	6	<0.5	<0.2
1066187	Soil	15	84	1.00	88	0.148	<1	1.62	0.010	0.16	0.1	0.02	2.2	0.2	<0.05	6	<0.5	<0.2

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

Project: ECH
Report Date: July 30, 2011

QUALITY CONTROL REPORT WHI11000689.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1033701	Soil	0.4	14.5	7.2	47	<0.1	13.5	5.7	272	1.57	3.6	5.6	1.3	3.7	17	0.2	0.2	0.6	35	0.28	0.077
REP 1033701	QC	0.4	14.4	7.0	47	<0.1	12.7	5.8	275	1.55	3.7	5.6	1.5	3.9	17	0.1	0.5	0.6	34	0.28	0.073
1033730	Soil	0.9	15.9	9.6	57	<0.1	17.4	7.7	336	2.49	6.1	2.2	3.2	2.5	11	0.1	0.4	1.2	53	0.13	0.045
REP 1033730	QC	0.8	15.9	9.9	58	<0.1	16.9	7.9	325	2.48	6.2	2.2	2.0	2.5	11	0.1	0.3	1.0	50	0.13	0.045
1067268	Soil	0.7	50.2	17.2	94	<0.1	50.5	19.9	677	4.56	13.3	4.2	2.1	6.3	12	<0.1	0.4	0.7	43	0.21	0.052
REP 1067268	QC	0.5	50.2	16.7	99	<0.1	48.1	19.3	693	4.41	13.2	4.3	1.9	6.6	12	0.1	0.4	0.6	45	0.20	0.057
1066214	Soil	0.4	13.0	19.1	60	<0.1	22.4	8.9	543	2.55	4.2	4.0	3.0	5.1	27	<0.1	0.2	0.3	54	0.29	0.061
REP 1066214	QC	0.3	13.4	20.3	62	<0.1	22.2	9.2	541	2.58	4.5	4.1	14.3	5.4	27	0.1	0.2	0.3	55	0.31	0.064
1066208	Soil	0.6	20.9	10.2	63	<0.1	30.7	11.0	572	2.76	7.3	4.3	2.4	4.1	20	0.3	0.4	0.4	63	0.33	0.082
REP 1066208	QC	0.6	21.3	10.0	63	<0.1	29.9	10.7	547	2.56	6.7	4.2	<0.5	3.9	20	0.2	0.4	0.2	60	0.34	0.081
1066201	Soil	0.8	17.8	12.0	59	<0.1	18.5	7.2	309	2.49	6.0	5.7	<0.5	1.5	15	0.2	0.4	0.4	55	0.18	0.070
REP 1066201	QC	0.8	17.9	15.4	58	<0.1	17.5	7.2	306	2.45	5.6	5.4	<0.5	1.4	15	0.4	0.4	0.4	52	0.17	0.068
Reference Materials																					
STD DS8	Standard	14.0	102.7	111.8	287	1.7	37.0	7.5	642	2.49	25.8	2.4	111.1	6.5	65	2.3	5.4	6.1	39	0.72	0.076
STD DS8	Standard	13.1	99.2	112.2	301	1.7	35.0	7.2	580	2.32	24.1	2.6	96.9	6.3	62	2.2	4.9	6.0	37	0.70	0.078
STD DS8	Standard	12.2	100.3	112.4	287	1.7	33.4	6.6	552	2.09	22.7	2.2	109.6	5.6	54	1.9	4.5	5.3	40	0.63	0.067
STD DS8	Standard	11.4	94.5	110.4	281	1.6	34.3	6.6	548	2.27	23.5	2.2	105.4	5.4	57	2.0	4.7	5.2	37	0.63	0.067
STD DS8	Standard	12.1	108.5	119.0	306	1.7	38.3	7.3	577	2.38	25.7	2.5	102.7	5.9	58	2.1	5.0	6.1	41	0.65	0.075
STD DS8	Standard	12.8	103.7	119.7	292	1.7	36.1	7.1	588	2.35	25.2	2.5	130.6	6.0	59	2.1	5.1	6.2	40	0.63	0.072
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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

Project: ECH
Report Date: July 30, 2011

QUALITY CONTROL REPORT WHI11000689.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1033701	Soil	11	18	0.31	96	0.066	<1	1.06	0.011	0.05	<0.1	0.02	2.5	<0.1	<0.05	3	<0.5	<0.2
REP 1033701	QC	11	18	0.31	99	0.070	<1	1.07	0.010	0.05	<0.1	0.02	2.5	0.1	<0.05	3	<0.5	<0.2
1033730	Soil	12	24	0.42	97	0.079	1	1.66	0.008	0.11	0.1	0.04	2.3	0.2	<0.05	6	<0.5	<0.2
REP 1033730	QC	12	23	0.41	96	0.076	1	1.62	0.008	0.10	0.1	0.05	2.3	0.2	<0.05	5	<0.5	<0.2
1067268	Soil	18	35	0.38	116	0.076	2	1.14	0.009	0.29	<0.1	0.04	5.1	0.7	<0.05	4	<0.5	<0.2
REP 1067268	QC	18	36	0.37	114	0.080	2	1.15	0.009	0.28	<0.1	0.04	5.2	0.6	<0.05	4	<0.5	<0.2
1066214	Soil	20	32	0.62	136	0.078	<1	1.72	0.008	0.10	0.2	0.03	3.2	0.2	<0.05	7	<0.5	<0.2
REP 1066214	QC	21	34	0.65	143	0.082	<1	1.82	0.009	0.12	0.2	0.03	3.4	0.2	<0.05	7	<0.5	<0.2
1066208	Soil	15	42	0.62	130	0.098	2	1.92	0.013	0.10	0.3	0.03	3.0	0.2	<0.05	6	<0.5	<0.2
REP 1066208	QC	14	39	0.65	126	0.093	1	1.87	0.012	0.10	0.1	0.04	3.1	0.1	<0.05	6	<0.5	<0.2
1066201	Soil	10	28	0.48	116	0.071	1	1.97	0.010	0.08	0.1	0.02	2.3	0.2	<0.05	6	<0.5	<0.2
REP 1066201	QC	10	29	0.47	111	0.070	<1	1.86	0.012	0.08	<0.1	0.03	2.2	0.2	<0.05	6	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	16	117	0.54	283	0.118	3	0.94	0.085	0.41	3.0	0.19	2.1	5.1	0.18	5	5.1	4.7
STD DS8	Standard	14	109	0.52	263	0.102	<1	0.87	0.082	0.40	2.8	0.18	2.0	5.2	0.17	4	4.4	5.0
STD DS8	Standard	13	105	0.47	257	0.104	2	0.80	0.058	0.38	2.9	0.19	2.0	4.5	0.16	4	4.2	4.7
STD DS8	Standard	13	101	0.48	259	0.102	2	0.82	0.064	0.39	2.6	0.20	1.8	4.7	0.13	4	5.3	4.7
STD DS8	Standard	12	111	0.55	259	0.105	2	0.84	0.066	0.38	2.8	0.21	1.7	5.3	0.16	5	5.3	5.2
STD DS8	Standard	14	111	0.54	268	0.111	2	0.85	0.069	0.39	2.8	0.19	1.8	5.2	0.15	4	4.9	4.3
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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1020 Cordova St. East Vancouver BC V6A 4A3 Canada

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

Submitted By: Mike Skead
Receiving Lab: Canada-Whitehorse
Received: July 15, 2011
Report Date: August 09, 2011
Page: 1 of 7

CERTIFICATE OF ANALYSIS WHI11000707.1

CLIENT JOB INFORMATION

Project: ECH
Shipment ID:
P.O. Number
Number of Samples: 174

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	174	Dry at 60C			VAN
SS80	174	Dry at 60C sieve 100g to -80 mesh			VAN
1DX2	173	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Ian Gendall

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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

Project: ECH
Report Date: August 09, 2011

CERTIFICATE OF ANALYSIS WHI11000707.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1064532	Soil		1.0	24.8	10.5	57	0.2	21.9	11.0	401	2.84	6.0	3.8	1.4	7.9	34	0.2	0.4	0.3	59	0.46	0.061
1064529	Soil		0.6	18.3	7.6	54	<0.1	20.3	10.0	260	2.65	5.1	1.6	4.6	11.5	17	<0.1	0.3	0.2	58	0.31	0.049
1064530	Soil		0.4	13.4	5.9	42	<0.1	15.2	7.5	193	2.11	3.4	1.9	<0.5	10.7	20	<0.1	0.2	0.1	48	0.38	0.045
1064531	Soil		0.5	15.3	7.6	47	<0.1	17.2	8.0	192	2.50	4.4	1.5	0.9	8.8	17	0.2	0.3	0.2	57	0.35	0.047
1064533	Soil		0.9	19.1	9.1	51	0.2	17.8	7.8	206	2.41	4.8	2.6	1.6	8.3	24	0.2	0.3	0.2	50	0.35	0.042
1033756	Soil		1.3	14.3	8.2	50	0.1	12.1	6.2	226	2.07	4.4	1.7	0.7	3.1	14	0.2	0.2	0.2	50	0.21	0.059
1033752	Soil		1.1	19.3	5.9	71	<0.1	18.9	17.1	470	4.26	3.8	1.2	<0.5	7.0	24	0.2	0.1	0.2	100	0.30	0.062
1033760	Soil		1.1	16.1	9.3	68	0.1	17.4	10.4	368	2.97	5.7	3.1	4.4	11.1	18	0.1	0.3	0.2	63	0.24	0.050
1033755	Soil		1.5	18.6	9.8	66	<0.1	16.9	11.2	415	3.67	5.8	1.4	1.4	14.2	13	<0.1	0.3	0.3	75	0.17	0.041
1033757	Soil		0.9	12.7	7.6	66	<0.1	16.1	10.1	324	2.99	5.0	1.8	3.0	8.8	22	0.1	0.3	0.3	58	0.27	0.062
1033759	Soil		1.0	15.0	9.1	71	0.1	16.8	9.3	329	3.13	5.9	2.5	1.7	13.0	16	0.1	0.3	0.3	59	0.22	0.054
1033765	Soil		0.8	16.2	5.2	57	<0.1	20.1	16.2	406	3.31	3.2	0.9	0.7	6.1	20	<0.1	0.2	0.1	85	0.40	0.077
1033764	Soil		0.7	22.4	5.5	56	0.1	23.4	13.1	257	3.24	4.0	1.2	3.9	7.9	16	<0.1	0.2	0.2	68	0.31	0.078
1033763	Soil		0.8	29.5	2.5	65	<0.1	23.8	28.1	764	4.87	1.2	1.2	<0.5	5.6	38	<0.1	<0.1	<0.1	140	0.61	0.154
1033771	Soil		0.7	24.6	4.4	69	<0.1	22.3	19.4	500	4.28	3.3	1.4	2.4	8.0	21	<0.1	0.2	0.1	101	0.45	0.098
1033770	Soil		0.7	20.9	6.1	68	<0.1	23.3	17.5	419	3.92	5.1	1.1	2.7	6.2	22	<0.1	0.3	0.1	92	0.40	0.070
1033769	Soil		0.8	15.3	6.6	69	<0.1	18.0	14.3	390	4.34	4.7	1.4	2.1	6.9	21	<0.1	0.2	0.1	98	0.31	0.073
1033779	Soil		1.2	10.5	6.1	47	<0.1	12.8	7.5	233	2.73	3.1	2.6	1.3	11.4	17	0.1	0.1	1.1	40	0.27	0.100
1033775	Soil		0.8	24.5	10.1	69	0.1	21.2	12.0	346	3.05	6.3	1.8	2.4	8.9	25	0.2	0.4	0.3	65	0.41	0.051
1033780	Soil		0.9	28.3	7.1	37	0.1	11.9	5.6	170	2.43	2.0	5.8	2.2	2.9	17	0.3	0.1	0.4	27	0.22	0.077
1033783	Soil		1.6	34.1	8.4	99	<0.1	16.1	10.4	268	3.37	4.7	2.6	2.8	16.4	22	0.1	0.3	0.2	48	0.24	0.069
1033781	Soil		1.1	17.9	5.6	73	<0.1	17.0	10.0	280	3.55	3.1	4.1	0.9	19.1	23	0.3	0.2	0.2	46	0.33	0.096
1033782	Soil		1.0	14.6	9.8	88	<0.1	15.5	9.6	268	3.30	3.4	3.2	1.2	19.4	19	0.3	0.2	0.3	38	0.31	0.094
1033784	Soil		0.4	16.0	1.8	63	<0.1	59.5	25.4	699	4.84	1.4	1.0	<0.5	5.4	30	0.1	<0.1	<0.1	67	0.68	0.153
1033777	Soil		0.8	17.6	8.6	55	<0.1	17.7	9.7	218	2.92	6.8	1.4	1.3	7.1	21	0.1	0.4	0.2	62	0.28	0.050
1033776	Soil		0.7	21.2	7.6	61	0.1	20.1	9.9	266	2.78	6.1	1.6	7.9	7.3	26	<0.1	0.3	0.2	59	0.38	0.053
1033778	Soil		0.8	16.7	8.8	45	<0.1	13.4	6.9	165	2.44	5.1	2.3	2.1	7.6	21	0.1	0.3	0.4	47	0.26	0.056
1033753	Soil		1.1	14.7	5.8	45	<0.1	12.0	8.4	264	2.59	3.9	1.8	1.5	2.1	18	0.1	0.2	0.2	68	0.18	0.053
1033751	Soil		1.0	12.9	6.0	37	<0.1	10.0	7.6	230	2.62	4.3	1.2	0.8	3.7	15	0.1	0.3	0.2	75	0.18	0.038
1033754	Soil		1.2	23.4	8.1	32	0.1	10.1	4.9	143	2.55	3.4	2.8	0.6	1.9	15	0.1	0.3	0.2	60	0.14	0.052

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

Project: ECH
Report Date: August 09, 2011

CERTIFICATE OF ANALYSIS WHI11000707.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1064532	Soil	29	37	0.55	306	0.064	<1	2.15	0.013	0.06	0.3	0.05	4.3	0.1	<0.05	7	<0.5	<0.2
1064529	Soil	28	36	0.72	191	0.084	<1	1.73	0.010	0.10	0.2	0.02	4.0	0.1	<0.05	6	<0.5	<0.2
1064530	Soil	19	28	0.60	157	0.087	<1	1.52	0.013	0.11	0.2	0.02	3.4	0.1	<0.05	6	<0.5	<0.2
1064531	Soil	17	33	0.65	164	0.075	1	1.89	0.011	0.08	0.2	0.02	3.6	0.1	<0.05	7	<0.5	<0.2
1064533	Soil	30	28	0.49	466	0.052	2	1.97	0.011	0.07	0.2	0.03	3.6	0.1	<0.05	8	0.5	<0.2
1033756	Soil	39	21	0.34	153	0.069	2	1.21	0.010	0.17	0.2	0.05	2.3	0.1	0.06	6	<0.5	<0.2
1033752	Soil	14	38	1.30	243	0.212	1	2.26	0.015	0.87	1.0	0.03	5.1	0.4	<0.05	11	<0.5	<0.2
1033760	Soil	51	32	0.72	237	0.099	1	2.06	0.012	0.24	0.3	0.03	4.8	0.2	<0.05	8	<0.5	<0.2
1033755	Soil	24	31	0.79	152	0.132	1	2.13	0.009	0.35	0.2	0.02	4.1	0.2	<0.05	8	<0.5	<0.2
1033757	Soil	36	27	0.75	166	0.134	3	1.77	0.012	0.34	0.3	0.04	3.6	0.2	<0.05	8	<0.5	<0.2
1033759	Soil	34	30	0.75	165	0.113	3	2.06	0.010	0.25	0.2	0.06	3.7	0.2	<0.05	8	<0.5	<0.2
1033765	Soil	14	53	1.11	310	0.213	2	2.00	0.016	0.64	0.2	0.02	3.7	0.3	<0.05	9	<0.5	<0.2
1033764	Soil	18	50	0.94	273	0.175	2	1.99	0.015	0.50	0.2	0.03	3.7	0.2	<0.05	8	<0.5	<0.2
1033763	Soil	13	54	1.25	627	0.270	1	2.72	0.026	1.35	0.2	0.02	5.6	0.5	<0.05	12	<0.5	<0.2
1033771	Soil	17	49	1.32	358	0.267	3	2.40	0.015	0.90	0.2	0.02	4.6	0.4	<0.05	11	<0.5	<0.2
1033770	Soil	14	47	1.17	401	0.231	2	2.37	0.017	0.56	0.2	0.02	3.9	0.3	<0.05	9	<0.5	<0.2
1033769	Soil	17	32	0.98	383	0.248	2	2.45	0.016	0.61	0.2	0.04	4.8	0.3	<0.05	10	<0.5	<0.2
1033779	Soil	73	25	0.62	164	0.103	2	1.79	0.010	0.50	<0.1	0.03	2.5	0.3	<0.05	8	<0.5	<0.2
1033775	Soil	24	33	0.71	295	0.131	1	1.91	0.016	0.12	0.2	0.06	4.3	0.2	<0.05	7	<0.5	<0.2
1033780	Soil	80	15	0.48	169	0.033	1	1.79	0.009	0.35	<0.1	0.03	1.6	0.2	<0.05	9	<0.5	<0.2
1033783	Soil	40	27	0.63	209	0.114	1	2.10	0.011	0.38	0.1	0.02	2.7	0.3	0.08	6	<0.5	<0.2
1033781	Soil	49	29	0.70	308	0.117	1	1.97	0.011	0.67	0.1	0.03	4.1	0.3	<0.05	8	<0.5	<0.2
1033782	Soil	49	25	0.59	238	0.085	<1	1.86	0.009	0.49	0.1	0.02	3.1	0.3	<0.05	7	<0.5	<0.2
1033784	Soil	37	159	2.32	168	0.239	2	2.92	0.007	1.33	0.2	0.02	5.5	0.8	<0.05	7	<0.5	<0.2
1033777	Soil	19	29	0.60	205	0.101	2	2.02	0.014	0.11	0.1	0.05	3.5	0.2	<0.05	7	<0.5	<0.2
1033776	Soil	23	31	0.63	261	0.103	2	1.82	0.015	0.10	0.2	0.05	3.6	0.1	<0.05	6	<0.5	<0.2
1033778	Soil	39	24	0.45	221	0.069	1	1.72	0.010	0.17	0.2	0.04	2.9	0.2	<0.05	7	<0.5	<0.2
1033753	Soil	15	24	0.64	150	0.114	2	1.48	0.015	0.32	0.3	0.04	2.3	0.2	<0.05	7	<0.5	<0.2
1033751	Soil	14	25	0.52	134	0.150	1	1.26	0.014	0.28	0.2	0.04	2.4	0.2	<0.05	8	<0.5	<0.2
1033754	Soil	24	24	0.36	110	0.083	1	1.69	0.014	0.12	0.1	0.07	2.2	0.1	<0.05	8	<0.5	<0.2

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1033758	Soil	1.2	13.9	9.5	68	<0.1	16.5	8.9	315	3.24	5.5	2.1	1.5	10.1	18	<0.1	0.3	0.2	72	0.21	0.045
1033762	Soil	0.9	13.7	6.7	59	<0.1	14.8	8.3	256	2.98	3.3	1.9	0.9	6.6	21	<0.1	0.2	0.2	65	0.28	0.068
1033772	Soil	0.9	21.3	7.1	73	<0.1	21.9	16.8	467	3.89	4.8	1.4	2.0	8.3	19	0.1	0.3	0.2	85	0.32	0.065
1033761	Soil	1.1	16.6	9.1	60	0.2	17.0	7.8	261	2.94	5.1	3.5	1.4	10.2	23	0.1	0.3	0.3	60	0.24	0.064
1033768	Soil	1.0	13.9	6.7	71	<0.1	16.9	13.0	434	3.97	4.3	1.0	1.0	6.1	19	<0.1	0.2	0.2	97	0.30	0.069
1033767	Soil	0.7	16.3	6.0	57	<0.1	18.4	12.5	280	3.31	3.0	1.3	4.2	5.9	18	<0.1	0.2	0.1	79	0.31	0.075
1033774	Soil	1.0	25.0	11.1	71	0.2	23.1	14.8	434	3.31	5.5	2.1	1.9	7.4	24	0.2	0.4	0.2	72	0.42	0.059
1033766	Soil	0.6	14.0	6.1	46	0.2	16.6	9.1	205	2.87	2.7	2.3	1.6	7.8	21	<0.1	0.2	0.2	63	0.31	0.073
1033773	Soil	0.7	16.6	12.3	71	<0.1	16.4	12.3	377	3.30	3.7	1.2	2.6	12.2	20	0.2	0.3	0.1	66	0.38	0.058
1033815	Soil	1.1	14.7	32.9	112	0.2	23.7	11.4	298	3.62	5.6	4.9	3.6	11.3	20	0.2	0.3	0.2	68	0.34	0.096
1033813	Soil	0.9	7.9	87.4	185	<0.1	12.6	10.8	902	3.24	4.9	4.7	1.3	25.1	12	0.2	0.2	0.2	43	0.27	0.126
1033817	Soil	1.0	7.9	9.3	38	<0.1	11.3	7.3	278	3.30	4.8	1.5	0.7	18.5	8	<0.1	0.2	0.2	64	0.12	0.083
1033821	Soil	1.2	10.0	14.0	50	<0.1	15.4	8.2	303	3.67	8.0	0.6	1.0	7.4	15	<0.1	0.3	0.3	82	0.14	0.039
1033814	Soil	0.9	8.6	9.7	49	<0.1	12.4	6.1	226	3.49	6.7	0.9	<0.5	8.7	8	0.1	0.3	0.2	67	0.09	0.040
1033820	Soil	1.1	11.6	9.3	50	<0.1	23.9	11.7	390	3.49	6.5	0.9	1.1	6.5	14	<0.1	0.3	0.2	73	0.16	0.041
1033816	Soil	0.9	7.5	10.6	58	<0.1	11.5	8.4	372	3.10	4.1	2.0	<0.5	21.6	13	0.2	0.2	0.2	45	0.24	0.107
1033818	Soil	0.7	9.3	8.2	47	<0.1	14.5	9.8	272	3.51	4.9	1.7	0.6	16.0	13	0.1	0.2	0.2	54	0.21	0.090
1033825	Soil	0.5	11.6	4.5	45	<0.1	11.3	10.6	440	4.14	2.8	1.2	<0.5	18.9	17	0.1	0.1	0.2	46	0.24	0.097
1033824	Soil	0.5	7.9	4.1	42	<0.1	10.8	11.5	461	4.13	2.0	1.1	<0.5	19.4	15	0.1	0.1	0.1	43	0.28	0.109
1033826	Soil	0.7	23.3	7.3	60	0.2	18.3	11.7	318	4.20	4.1	4.9	<0.5	16.3	25	<0.1	0.3	0.2	69	0.46	0.089
1033819	Soil	1.0	7.9	9.0	51	<0.1	17.9	10.3	408	3.21	6.5	1.2	0.8	18.5	14	0.2	0.3	0.2	58	0.23	0.085
1033801	Soil	0.7	19.4	8.2	58	<0.1	19.7	10.8	372	3.30	7.0	2.0	1.2	12.3	22	<0.1	0.4	0.2	55	0.25	0.049
1033806	Soil	0.7	17.6	9.6	59	<0.1	16.3	8.8	277	2.74	6.2	1.6	0.8	10.1	22	0.1	0.4	0.2	50	0.27	0.059
1033809	Soil	0.7	8.6	7.2	40	<0.1	8.5	5.4	233	2.32	2.9	2.0	1.5	6.2	16	<0.1	0.2	0.7	41	0.23	0.083
1033811	Soil	0.6	10.8	9.8	44	<0.1	11.8	6.9	254	2.79	5.0	5.3	0.8	14.7	16	0.2	0.2	0.2	50	0.26	0.111
1033805	Soil	0.6	20.3	8.7	59	<0.1	17.3	8.8	244	2.86	5.6	1.6	1.1	10.7	27	0.2	0.3	0.2	49	0.32	0.057
1033807	Soil	0.7	12.9	15.2	61	<0.1	15.1	7.4	291	2.80	7.0	2.2	1.9	14.7	20	0.2	0.4	0.2	51	0.24	0.070
1033808	Soil	0.9	14.9	11.7	53	0.1	13.0	8.5	299	2.85	4.9	3.1	2.3	12.6	17	0.1	0.2	0.4	50	0.20	0.069
1033804	Soil	0.5	19.9	7.6	56	<0.1	16.9	8.9	256	2.92	5.0	1.6	3.2	12.7	24	<0.1	0.4	0.2	45	0.32	0.070
1033802	Soil	0.4	18.1	6.2	52	<0.1	16.3	9.5	271	2.86	4.2	1.9	<0.5	12.1	21	<0.1	0.3	0.2	46	0.28	0.057

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1033758	Soil	33	31	0.78	153	0.140	2	2.03	0.011	0.29	0.2	0.04	3.9	0.2	<0.05	9	<0.5	<0.2
1033762	Soil	24	33	0.76	240	0.153	2	1.92	0.015	0.45	0.2	0.04	3.6	0.3	<0.05	9	<0.5	<0.2
1033772	Soil	23	46	1.04	329	0.204	<1	2.35	0.013	0.45	0.3	0.03	4.1	0.3	<0.05	10	<0.5	<0.2
1033761	Soil	56	32	0.72	243	0.100	2	2.10	0.013	0.27	0.2	0.05	4.3	0.2	<0.05	9	<0.5	<0.2
1033768	Soil	14	34	0.91	325	0.220	<1	2.29	0.014	0.64	0.1	0.03	4.4	0.3	<0.05	10	<0.5	<0.2
1033767	Soil	16	39	0.99	312	0.193	<1	2.21	0.013	0.53	0.2	0.04	3.5	0.3	<0.05	9	<0.5	<0.2
1033774	Soil	20	40	0.89	298	0.160	2	2.31	0.015	0.26	0.2	0.06	4.5	0.2	<0.05	8	<0.5	<0.2
1033766	Soil	29	35	0.80	265	0.155	<1	1.90	0.014	0.43	0.2	0.07	4.0	0.3	<0.05	8	<0.5	<0.2
1033773	Soil	26	33	0.86	205	0.153	2	1.85	0.014	0.28	0.2	0.03	3.7	0.2	<0.05	8	<0.5	<0.2
1033815	Soil	38	48	0.96	231	0.133	<1	2.59	0.012	0.53	0.1	0.03	4.8	0.2	<0.05	10	<0.5	<0.2
1033813	Soil	70	22	0.64	101	0.083	<1	2.12	0.008	0.41	0.1	0.01	2.7	0.3	<0.05	8	0.5	<0.2
1033817	Soil	40	23	0.52	65	0.127	<1	1.86	0.009	0.42	0.1	0.01	3.2	0.3	<0.05	12	<0.5	<0.2
1033821	Soil	15	31	0.61	108	0.142	<1	2.42	0.008	0.16	0.2	0.02	3.0	0.2	<0.05	11	<0.5	<0.2
1033814	Soil	23	21	0.66	87	0.128	<1	2.06	0.008	0.18	0.1	0.02	2.3	0.2	<0.05	11	<0.5	<0.2
1033820	Soil	18	47	0.95	105	0.135	<1	2.30	0.010	0.19	0.1	0.01	2.8	0.2	<0.05	9	<0.5	<0.2
1033816	Soil	67	22	0.64	107	0.122	<1	1.83	0.010	0.51	0.1	<0.01	3.5	0.2	<0.05	9	<0.5	<0.2
1033818	Soil	45	26	0.76	121	0.140	<1	2.23	0.010	0.56	0.1	<0.01	4.3	0.4	<0.05	10	<0.5	<0.2
1033825	Soil	25	23	1.88	155	0.237	<1	3.60	0.009	0.99	0.3	<0.01	4.8	0.5	<0.05	15	<0.5	<0.2
1033824	Soil	29	21	2.01	162	0.227	<1	3.56	0.009	1.14	0.2	<0.01	4.7	0.6	<0.05	15	<0.5	<0.2
1033826	Soil	46	32	1.37	324	0.181	<1	2.85	0.013	0.80	0.2	0.04	7.1	0.4	<0.05	10	<0.5	<0.2
1033819	Soil	29	32	0.74	128	0.143	2	2.32	0.011	0.38	0.1	0.01	4.1	0.2	<0.05	9	<0.5	<0.2
1033801	Soil	30	33	0.79	248	0.114	<1	2.16	0.011	0.27	0.1	0.01	4.4	0.3	<0.05	7	<0.5	<0.2
1033806	Soil	24	27	0.57	222	0.107	<1	1.77	0.010	0.16	0.1	0.02	3.8	0.2	<0.05	7	<0.5	<0.2
1033809	Soil	42	16	0.45	90	0.098	<1	1.39	0.009	0.37	0.2	0.01	2.7	0.2	<0.05	8	<0.5	<0.2
1033811	Soil	57	25	0.54	154	0.095	<1	1.88	0.009	0.33	<0.1	<0.01	3.9	0.2	<0.05	9	0.5	<0.2
1033805	Soil	25	30	0.66	239	0.132	<1	1.93	0.013	0.25	0.1	0.03	3.9	0.3	<0.05	7	<0.5	<0.2
1033807	Soil	44	28	0.56	160	0.103	2	2.07	0.011	0.21	0.1	0.02	3.6	0.2	<0.05	7	<0.5	<0.2
1033808	Soil	56	24	0.56	147	0.125	<1	2.11	0.010	0.32	0.1	0.02	3.6	0.3	<0.05	9	0.5	<0.2
1033804	Soil	25	26	0.66	243	0.133	<1	1.86	0.011	0.30	0.1	0.02	3.6	0.3	<0.05	7	<0.5	<0.2
1033802	Soil	28	27	0.71	182	0.134	<1	1.78	0.011	0.31	0.1	<0.01	3.3	0.3	<0.05	6	<0.5	<0.2

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Project: ECH
Report Date: August 09, 2011

CERTIFICATE OF ANALYSIS WHI11000707.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1033823	Soil		0.9	14.6	20.2	47	<0.1	13.4	7.5	416	2.79	6.1	2.1	3.1	4.1	19	0.2	0.3	0.2	55	0.22	0.056
1033803	Soil		0.6	18.4	8.4	56	<0.1	17.2	9.0	259	2.97	6.1	1.4	2.8	9.9	19	<0.1	0.4	0.3	51	0.23	0.052
1033810	Soil		0.7	6.3	6.9	23	<0.1	4.6	2.9	110	1.71	3.7	0.7	0.9	8.0	6	<0.1	0.2	0.3	43	0.05	0.021
1033830	Soil		0.5	17.1	8.3	50	0.1	14.9	9.5	269	2.65	5.2	2.0	2.4	7.9	26	<0.1	0.4	0.2	51	0.36	0.069
1033828	Soil		0.4	17.3	9.2	58	0.1	17.0	11.0	299	3.72	4.1	3.8	2.8	16.5	30	0.1	0.3	0.2	58	0.58	0.070
1033832	Soil		0.6	22.6	8.8	54	0.1	18.3	9.2	287	2.72	6.4	2.4	3.6	8.6	33	0.1	0.4	0.2	51	0.47	0.057
1033812	Soil		0.6	6.5	5.3	35	<0.1	7.8	4.0	175	2.13	2.7	3.4	1.0	18.9	8	<0.1	0.1	0.6	38	0.11	0.056
1033831	Soil		0.6	20.1	8.8	57	0.1	17.0	9.1	265	2.75	5.7	2.7	1.5	7.9	31	<0.1	0.4	0.2	50	0.44	0.066
1033827	Soil		0.8	14.2	7.9	57	<0.1	17.1	11.1	402	3.60	4.4	2.1	1.8	12.9	24	0.1	0.3	0.2	60	0.36	0.083
1033822	Soil		1.5	13.2	14.1	49	<0.1	13.4	7.6	235	3.30	9.4	0.9	1.9	5.8	13	<0.1	0.3	0.4	84	0.10	0.028
1033829	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1033789	Soil		1.7	14.8	8.3	61	<0.1	16.5	10.7	346	4.31	6.6	1.0	2.8	5.6	16	<0.1	0.3	0.3	115	0.20	0.058
1033790	Soil		3.3	22.7	11.1	79	<0.1	21.6	13.7	496	4.47	7.9	2.2	3.9	9.4	21	0.1	0.3	0.3	107	0.24	0.041
1033791	Soil		0.7	11.1	6.3	50	<0.1	10.0	6.4	247	2.84	4.1	1.1	1.3	9.3	11	0.1	0.2	0.2	46	0.12	0.033
1033792	Soil		0.8	23.4	12.4	79	<0.1	20.7	10.4	298	3.42	6.6	1.8	1.6	10.6	17	0.1	0.4	0.2	66	0.21	0.044
1033793	Soil		1.1	17.2	11.0	57	<0.1	16.4	9.4	323	3.48	7.5	1.8	0.5	14.8	18	0.1	0.4	0.3	76	0.20	0.032
1033794	Soil		0.5	3.2	3.2	17	<0.1	3.0	2.1	77	1.77	1.7	0.9	0.6	13.3	5	<0.1	<0.1	0.1	43	0.07	0.012
1033795	Soil		0.9	19.4	5.1	68	<0.1	24.0	16.0	333	4.01	5.0	0.6	1.5	4.1	19	0.1	0.3	0.1	119	0.39	0.090
1033796	Soil		0.7	32.4	5.3	47	<0.1	27.0	17.2	331	4.10	3.2	0.5	<0.5	2.9	24	<0.1	0.2	0.1	111	0.42	0.049
1033797	Soil		1.0	21.3	6.8	58	<0.1	27.9	16.0	265	4.70	10.4	0.7	<0.5	5.1	18	0.1	0.5	0.2	124	0.24	0.047
1033798	Soil		0.9	17.4	7.7	60	<0.1	19.1	13.3	412	3.61	7.4	0.7	0.7	4.4	22	0.1	0.4	0.2	84	0.32	0.086
1033799	Soil		1.2	19.2	8.9	56	<0.1	21.8	13.6	288	4.13	10.7	0.5	4.1	4.6	15	0.1	0.6	0.2	104	0.18	0.035
1033836	Soil		0.9	24.0	7.3	62	<0.1	21.0	14.4	373	4.64	9.0	0.4	1.6	2.9	15	<0.1	0.5	0.2	90	0.21	0.058
1033837	Soil		0.6	8.6	5.1	51	<0.1	20.8	15.9	374	3.59	4.5	0.3	<0.5	2.2	11	<0.1	0.3	0.1	98	0.34	0.096
1033838	Soil		0.9	28.2	8.8	60	<0.1	26.7	12.8	274	3.60	10.4	1.1	2.8	11.4	14	<0.1	0.6	0.2	81	0.13	0.012
1033840	Soil		0.4	21.1	2.9	79	<0.1	60.3	37.4	578	5.99	3.3	0.3	<0.5	1.7	23	<0.1	0.2	<0.1	138	0.40	0.084
1033839	Soil		0.3	19.4	2.3	81	<0.1	61.7	38.3	609	5.89	2.2	0.2	1.2	1.5	23	<0.1	0.1	<0.1	142	0.46	0.107
1033841	Soil		1.1	17.9	8.3	54	<0.1	24.3	11.0	304	3.75	9.7	1.1	<0.5	12.7	14	0.1	0.5	0.2	71	0.14	0.033
1033842	Soil		1.1	16.7	12.3	65	<0.1	19.5	10.2	304	4.41	9.5	1.0	2.3	12.4	14	0.2	0.6	0.3	75	0.13	0.044
1033843	Soil		1.2	26.9	9.7	67	<0.1	28.7	14.5	314	3.81	12.1	1.1	2.6	13.4	18	0.2	0.6	0.2	79	0.17	0.034

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Project: ECH
Report Date: August 09, 2011

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1033823	Soil	42	25	0.50	175	0.084	<1	2.03	0.011	0.17	0.2	<0.01	3.2	0.2	<0.05	7	<0.5	<0.2
1033803	Soil	19	28	0.63	179	0.126	1	2.01	0.011	0.23	0.1	0.02	3.3	0.3	<0.05	7	<0.5	<0.2
1033810	Soil	19	10	0.35	55	0.115	<1	1.38	0.006	0.24	<0.1	<0.01	1.7	0.2	<0.05	11	<0.5	<0.2
1033830	Soil	23	28	0.61	209	0.080	<1	1.91	0.014	0.08	0.1	0.04	4.1	0.1	<0.05	6	<0.5	<0.2
1033828	Soil	44	34	1.12	195	0.089	1	2.65	0.013	0.15	0.1	0.05	5.6	0.1	<0.05	12	<0.5	<0.2
1033832	Soil	22	28	0.60	288	0.092	<1	1.97	0.015	0.08	0.1	0.04	4.7	0.1	<0.05	7	<0.5	<0.2
1033812	Soil	45	17	0.47	69	0.136	<1	1.36	0.008	0.42	<0.1	<0.01	3.1	0.2	<0.05	9	<0.5	<0.2
1033831	Soil	24	29	0.63	260	0.078	<1	2.08	0.015	0.08	0.1	0.03	4.6	0.1	<0.05	7	<0.5	<0.2
1033827	Soil	33	32	1.08	170	0.095	<1	2.26	0.011	0.21	0.1	0.02	4.2	0.1	<0.05	11	<0.5	<0.2
1033822	Soil	17	27	0.47	129	0.148	<1	2.55	0.009	0.14	0.1	0.01	3.7	0.2	<0.05	13	<0.5	<0.2
1033829	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1033789	Soil	12	36	1.06	152	0.231	1	2.16	0.011	0.46	0.2	0.02	4.5	0.3	<0.05	12	<0.5	<0.2
1033790	Soil	25	43	1.08	210	0.231	3	2.67	0.011	0.41	0.2	0.04	5.4	0.3	<0.05	12	0.6	<0.2
1033791	Soil	26	20	0.94	88	0.137	2	2.08	0.013	0.40	0.2	0.03	2.9	0.3	0.05	11	<0.5	<0.2
1033792	Soil	27	34	0.81	174	0.148	2	2.36	0.010	0.27	0.2	0.03	4.9	0.2	<0.05	9	<0.5	<0.2
1033793	Soil	49	33	0.65	215	0.169	2	2.48	0.011	0.20	0.2	0.02	5.3	0.3	<0.05	11	<0.5	<0.2
1033794	Soil	15	8	0.20	44	0.049	<1	0.74	0.007	0.13	0.2	<0.01	1.5	<0.1	<0.05	8	<0.5	<0.2
1033795	Soil	9	55	1.12	358	0.268	2	2.45	0.025	0.69	0.2	<0.01	4.0	0.3	0.06	10	<0.5	<0.2
1033796	Soil	8	102	1.27	384	0.310	2	2.65	0.031	0.45	0.2	0.02	4.1	0.2	0.06	12	<0.5	<0.2
1033797	Soil	10	45	0.93	283	0.247	1	3.36	0.017	0.37	0.2	0.02	4.4	0.3	<0.05	10	0.7	<0.2
1033798	Soil	13	35	0.75	285	0.143	2	2.43	0.015	0.26	0.2	0.02	4.1	0.2	<0.05	8	0.6	<0.2
1033799	Soil	10	37	0.75	279	0.167	2	2.88	0.011	0.15	0.2	0.01	4.1	0.2	<0.05	10	<0.5	<0.2
1033836	Soil	7	38	0.78	226	0.238	2	2.98	0.012	0.26	0.2	0.01	3.5	0.2	<0.05	10	0.5	<0.2
1033837	Soil	5	38	0.95	83	0.232	2	1.81	0.021	0.25	0.2	0.01	2.7	0.1	<0.05	10	<0.5	<0.2
1033838	Soil	29	47	0.73	111	0.126	1	2.74	0.013	0.08	0.1	0.02	5.0	0.1	<0.05	8	<0.5	<0.2
1033840	Soil	3	166	2.28	201	0.379	1	3.87	0.012	0.79	0.3	<0.01	3.2	0.4	<0.05	12	<0.5	<0.2
1033839	Soil	3	176	2.32	208	0.368	<1	3.51	0.011	0.85	0.2	0.02	3.2	0.4	<0.05	12	<0.5	<0.2
1033841	Soil	19	33	0.69	192	0.102	2	2.99	0.011	0.13	0.1	0.02	3.2	0.2	<0.05	8	<0.5	<0.2
1033842	Soil	21	40	0.74	148	0.123	1	3.11	0.010	0.22	0.1	0.02	4.1	0.2	<0.05	9	0.8	<0.2
1033843	Soil	13	42	0.67	177	0.128	2	2.96	0.011	0.12	0.2	0.05	4.0	0.2	<0.05	8	0.6	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1033844	Soil	0.6	20.2	9.5	42	<0.1	18.5	12.1	289	3.44	6.9	1.7	3.0	12.8	16	0.1	0.3	0.2	67	0.16	0.036
1033846	Soil	0.9	20.3	8.5	58	<0.1	28.7	15.3	340	3.81	8.2	1.2	0.7	11.0	19	0.1	0.5	0.1	71	0.20	0.045
1033845	Soil	1.4	9.9	7.5	33	<0.1	7.2	4.5	138	2.60	10.2	0.8	<0.5	6.2	9	<0.1	0.4	0.3	99	0.08	0.031
1197351	Soil	0.8	10.6	6.4	32	<0.1	6.6	4.4	121	1.86	4.2	0.5	<0.5	1.5	13	<0.1	0.3	0.1	54	0.13	0.035
1197352	Soil	0.7	14.2	6.8	53	<0.1	29.2	22.2	452	4.61	4.0	0.4	2.0	2.1	29	<0.1	0.2	0.2	126	0.50	0.052
1197353	Soil	0.9	19.1	8.3	54	<0.1	20.7	12.7	306	3.25	7.3	1.7	3.5	6.8	23	<0.1	0.4	0.2	81	0.29	0.060
1197354	Soil	1.2	18.7	10.3	51	<0.1	17.7	8.5	233	3.05	8.2	1.0	4.9	5.9	16	0.1	0.6	0.2	77	0.16	0.029
1197355	Soil	0.9	7.3	9.8	77	<0.1	22.1	16.9	610	6.00	4.2	0.8	1.2	5.6	13	0.1	0.2	0.2	153	0.18	0.038
1033556	Soil	0.6	15.5	7.0	56	<0.1	22.1	16.6	452	4.46	6.0	0.9	0.9	7.3	18	0.1	0.3	0.1	107	0.24	0.057
1033555	Soil	0.7	28.7	6.8	62	<0.1	31.8	20.5	475	4.01	6.9	1.0	0.6	7.3	23	0.1	0.4	0.2	104	0.37	0.074
1033554	Soil	1.1	22.4	10.0	63	<0.1	25.1	13.1	255	3.79	12.4	0.8	3.6	7.8	18	0.2	0.6	0.2	80	0.16	0.031
1033553	Soil	0.7	16.3	8.0	72	<0.1	13.5	21.2	685	6.38	4.6	0.7	0.8	4.4	18	<0.1	0.2	<0.1	139	0.37	0.133
1033552	Soil	1.0	18.8	12.2	81	<0.1	17.1	16.3	666	5.01	6.1	1.2	<0.5	6.4	20	0.1	0.4	0.2	121	0.31	0.104
1033551	Soil	1.1	22.6	10.8	77	<0.1	22.6	15.2	479	4.24	7.4	1.5	1.3	15.1	17	0.1	0.4	0.2	88	0.22	0.057
1033800	Soil	0.7	23.8	6.0	71	<0.1	24.8	20.1	485	4.47	3.5	1.8	0.5	11.8	21	0.1	0.2	0.2	105	0.36	0.070
1067344	Soil	1.1	17.7	9.6	63	0.1	17.8	10.1	297	3.07	6.0	4.7	2.8	18.7	21	0.1	0.3	0.2	62	0.32	0.074
1067340	Soil	0.9	14.1	8.8	55	<0.1	14.8	7.6	229	2.41	5.6	2.9	<0.5	25.4	18	<0.1	0.3	0.3	55	0.23	0.032
1067343	Soil	0.9	18.7	9.2	57	<0.1	17.8	9.1	282	2.82	5.6	4.1	2.1	22.1	26	0.1	0.4	0.3	60	0.35	0.047
1067342	Soil	0.7	14.3	7.8	50	<0.1	14.1	9.5	303	2.31	5.5	1.6	0.9	20.1	18	0.1	0.4	0.3	48	0.25	0.033
1067341	Soil	0.7	15.9	6.9	53	<0.1	15.3	8.4	246	2.32	4.5	2.5	1.6	21.2	19	<0.1	0.3	0.2	53	0.27	0.036
1067049	Soil	1.5	13.9	9.5	54	0.1	11.5	7.0	242	2.31	3.9	3.9	5.3	25.8	9	0.2	0.2	1.1	46	0.13	0.038
1067037	Soil	1.4	33.2	5.5	74	<0.1	27.4	21.1	698	4.17	1.7	2.4	1.0	9.7	20	0.1	0.2	0.1	99	0.67	0.179
1067035	Soil	1.3	22.4	8.4	79	<0.1	30.1	13.8	361	3.38	5.5	2.6	4.5	13.5	23	0.1	0.3	0.3	70	0.39	0.079
1067036	Soil	1.5	37.7	5.4	74	<0.1	22.3	26.3	857	5.05	1.0	3.3	0.6	4.8	24	<0.1	<0.1	<0.1	129	1.07	0.235
1067026	Soil	0.6	23.6	6.8	62	<0.1	27.2	14.2	312	2.96	6.1	1.1	5.6	7.8	19	<0.1	0.3	0.2	71	0.38	0.073
1067028	Soil	1.0	32.6	7.2	57	0.2	32.0	15.3	353	3.01	5.0	2.0	0.8	6.7	20	<0.1	0.2	0.1	73	0.38	0.087
1067027	Soil	0.7	22.1	6.7	56	<0.1	25.7	13.3	292	2.94	6.0	0.9	0.9	7.4	19	<0.1	0.3	0.2	69	0.34	0.071
1067030	Soil	0.6	25.9	5.2	80	<0.1	37.3	24.2	749	3.96	2.2	0.9	1.5	7.0	13	0.1	0.1	<0.1	96	0.65	0.197
1067039	Soil	1.3	16.3	8.6	52	<0.1	22.3	12.3	304	3.46	3.0	1.8	<0.5	23.3	19	<0.1	0.2	0.3	52	0.36	0.074
1067031	Soil	0.6	22.5	6.2	75	<0.1	24.1	16.0	466	3.83	4.3	0.8	<0.5	9.5	17	0.1	0.2	0.3	79	0.49	0.147

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Project: ECH
Report Date: August 09, 2011

CERTIFICATE OF ANALYSIS WHI11000707.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1033844	Soil		24	35	0.64	229	0.121	1	2.47	0.012	0.33	0.1	0.03	3.9	0.3	<0.05	8	0.7	<0.2
1033846	Soil		16	47	0.92	200	0.145	2	3.05	0.012	0.31	0.2	0.02	4.1	0.3	<0.05	8	<0.5	<0.2
1033845	Soil		14	17	0.33	53	0.146	<1	1.44	0.006	0.17	0.1	<0.01	2.0	0.3	<0.05	13	<0.5	<0.2
1197351	Soil		9	17	0.30	59	0.081	1	1.04	0.016	0.07	<0.1	0.02	1.6	<0.1	<0.05	6	0.6	<0.2
1197352	Soil		6	63	1.55	210	0.273	1	3.43	0.029	0.82	0.8	0.02	5.5	0.4	<0.05	10	<0.5	<0.2
1197353	Soil		23	39	0.84	199	0.140	2	2.15	0.013	0.27	0.2	0.02	4.5	0.2	<0.05	8	0.7	<0.2
1197354	Soil		16	31	0.51	123	0.132	2	1.77	0.013	0.11	0.2	<0.01	3.5	0.2	<0.05	8	<0.5	<0.2
1197355	Soil		10	75	1.86	150	0.385	<1	2.97	0.015	1.01	0.2	0.02	10.6	0.6	<0.05	19	<0.5	<0.2
1033556	Soil		10	56	1.42	213	0.279	<1	2.95	0.014	0.68	0.3	0.03	5.5	0.3	<0.05	12	0.6	<0.2
1033555	Soil		22	70	1.66	418	0.251	1	2.93	0.017	0.70	0.2	0.01	4.7	0.5	<0.05	10	<0.5	<0.2
1033554	Soil		12	37	0.73	164	0.149	3	3.02	0.012	0.16	0.2	0.03	4.6	0.2	<0.05	9	<0.5	<0.2
1033553	Soil		9	24	1.34	210	0.393	<1	3.12	0.015	1.24	0.2	0.01	5.5	0.7	<0.05	15	<0.5	<0.2
1033552	Soil		14	33	1.20	165	0.226	1	2.46	0.014	0.74	0.2	<0.01	6.8	0.5	<0.05	13	<0.5	<0.2
1033551	Soil		19	39	1.04	177	0.215	2	2.65	0.012	0.45	0.2	0.02	5.6	0.3	<0.05	11	0.6	<0.2
1033800	Soil		25	50	1.59	331	0.286	<1	2.72	0.017	0.93	0.6	0.01	6.5	0.4	<0.05	13	<0.5	<0.2
1067344	Soil		33	34	0.69	242	0.101	1	2.36	0.013	0.16	0.4	0.03	4.7	0.2	<0.05	8	0.5	<0.2
1067340	Soil		35	27	0.44	163	0.084	1	1.90	0.011	0.09	0.4	0.02	3.4	0.1	<0.05	7	<0.5	<0.2
1067343	Soil		35	33	0.60	257	0.111	<1	1.92	0.013	0.14	0.3	0.03	4.8	0.1	<0.05	7	<0.5	<0.2
1067342	Soil		21	27	0.43	155	0.080	<1	1.41	0.011	0.05	0.3	0.02	2.8	<0.1	<0.05	5	<0.5	<0.2
1067341	Soil		29	31	0.50	180	0.087	1	1.44	0.012	0.08	0.3	0.01	3.4	<0.1	<0.05	5	<0.5	<0.2
1067049	Soil		36	23	0.34	99	0.076	<1	1.46	0.009	0.14	1.3	0.03	2.6	0.2	<0.05	7	<0.5	<0.2
1067037	Soil		26	58	1.23	263	0.217	<1	2.55	0.023	0.80	0.2	0.02	6.7	0.5	<0.05	9	<0.5	<0.2
1067035	Soil		33	62	0.93	229	0.133	<1	2.20	0.014	0.17	0.4	0.02	5.2	0.2	<0.05	9	<0.5	<0.2
1067036	Soil		25	41	1.30	257	0.192	<1	2.71	0.037	1.08	0.2	<0.01	6.6	0.6	<0.05	10	<0.5	<0.2
1067026	Soil		16	51	0.79	181	0.142	2	2.00	0.015	0.12	0.2	0.02	3.6	0.2	<0.05	7	<0.5	<0.2
1067028	Soil		27	57	0.82	204	0.152	<1	1.91	0.016	0.12	0.4	0.03	3.5	0.2	<0.05	7	<0.5	<0.2
1067027	Soil		16	49	0.73	170	0.133	2	1.92	0.013	0.12	0.3	0.01	3.4	0.2	<0.05	6	<0.5	<0.2
1067030	Soil		17	89	1.30	203	0.205	<1	2.14	0.014	0.66	0.2	<0.01	3.5	0.5	<0.05	10	<0.5	<0.2
1067039	Soil		52	39	0.76	110	0.063	<1	1.69	0.012	0.11	0.4	0.01	4.3	0.1	<0.05	8	<0.5	<0.2
1067031	Soil		14	45	0.97	172	0.133	<1	2.08	0.013	0.29	0.3	0.03	3.8	0.3	<0.05	9	<0.5	<0.2

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Project: ECH
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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1067029	Soil		1.2	35.4	4.6	55	<0.1	48.3	21.3	349	3.24	2.7	0.5	<0.5	2.3	17	<0.1	0.2	<0.1	73	0.68	0.206
1067038	Soil		0.9	17.6	8.7	56	<0.1	20.6	11.1	355	3.09	2.8	2.7	6.9	28.4	21	<0.1	0.3	0.3	54	0.53	0.070
1067033	Soil		1.3	16.0	5.9	98	<0.1	12.1	16.5	658	5.38	2.7	1.3	1.4	4.1	38	<0.1	0.2	0.2	63	1.30	0.388
1067032	Soil		0.8	19.0	7.3	68	<0.1	18.9	12.0	427	3.42	5.7	1.4	1.8	10.6	23	0.1	0.3	0.2	66	0.51	0.127
1067034	Soil		1.0	14.6	5.9	63	<0.1	24.6	12.8	401	3.28	4.1	1.3	3.4	11.5	18	<0.1	0.3	0.2	63	0.33	0.096
1067044	Soil		1.2	16.5	10.5	50	<0.1	17.7	8.4	257	2.90	7.4	2.0	1.3	26.8	17	<0.1	0.4	0.3	63	0.19	0.023
1067040	Soil		1.4	12.8	9.1	51	<0.1	17.0	9.0	241	3.18	3.6	1.3	1.6	16.7	16	0.1	0.2	0.3	54	0.25	0.051
1067048	Soil		1.5	15.0	10.5	62	<0.1	16.0	7.5	245	2.92	7.5	4.5	1.6	33.4	17	0.1	0.4	0.6	66	0.19	0.030
1067042	Soil		0.9	15.7	9.5	57	<0.1	20.9	12.1	484	2.93	5.9	1.4	1.9	17.2	23	<0.1	0.3	0.3	64	0.31	0.037
1067041	Soil		0.9	11.7	7.9	51	<0.1	15.6	9.8	339	3.04	2.0	1.4	<0.5	19.5	18	<0.1	0.2	0.4	45	0.33	0.072
1067043	Soil		1.2	18.0	11.6	60	<0.1	20.1	13.3	515	3.21	7.3	2.1	<0.5	23.0	21	<0.1	0.4	0.4	74	0.27	0.033
1067339	Soil		0.7	12.8	5.6	57	<0.1	13.5	9.3	264	2.65	2.4	2.6	<0.5	22.5	16	<0.1	0.2	0.2	54	0.25	0.043
1067050	Soil		1.3	11.2	9.8	61	<0.1	13.3	6.4	239	2.65	6.1	3.2	<0.5	25.5	12	<0.1	0.3	0.4	55	0.14	0.039
1067045	Soil		1.3	17.6	10.7	56	<0.1	17.7	11.1	415	2.91	7.9	3.1	2.4	29.4	24	<0.1	0.4	0.4	65	0.24	0.036
1067046	Soil		0.6	12.2	6.2	44	<0.1	13.8	6.7	189	1.91	3.4	2.3	<0.5	27.7	17	<0.1	0.3	0.3	41	0.22	0.027
1067047	Soil		1.3	15.3	10.5	53	<0.1	15.2	7.1	244	2.66	6.9	3.0	<0.5	25.6	16	<0.1	0.3	0.4	62	0.17	0.032
1067336	Soil		1.5	13.4	10.6	60	<0.1	13.7	7.1	255	2.77	6.4	2.6	<0.5	25.6	12	<0.1	0.4	0.8	55	0.13	0.028
1067337	Soil		0.9	10.4	7.8	50	<0.1	11.8	6.4	221	2.29	4.0	2.6	1.6	29.9	12	<0.1	0.3	0.3	42	0.16	0.026
1067338	Soil		0.9	12.5	8.4	52	<0.1	13.7	7.7	223	2.33	3.5	2.3	0.7	23.6	12	<0.1	0.3	0.2	49	0.16	0.026
1066119	Soil		0.7	13.4	12.1	43	<0.1	12.3	6.5	184	2.74	2.9	1.2	<0.5	7.8	10	<0.1	0.2	0.3	44	0.13	0.066
1066131	Soil		0.5	19.0	10.3	45	<0.1	18.1	8.4	219	2.70	3.3	1.3	<0.5	14.2	25	<0.1	0.4	<0.1	48	0.33	0.059
1066135	Soil		0.8	15.6	7.8	39	<0.1	14.4	6.9	228	2.37	4.1	1.5	<0.5	9.5	19	<0.1	0.3	0.1	44	0.26	0.063
1066134	Soil		0.8	12.0	5.5	40	<0.1	14.0	8.1	181	2.51	3.3	1.3	<0.5	14.0	15	<0.1	0.2	<0.1	48	0.23	0.072
1066128	Soil		0.4	15.0	8.6	53	<0.1	18.8	11.3	231	4.13	1.9	1.3	<0.5	24.0	12	<0.1	0.2	0.1	57	0.27	0.104
1066132	Soil		0.6	23.3	10.0	55	<0.1	20.7	8.4	273	2.96	6.4	1.7	2.6	15.4	30	<0.1	0.5	0.2	56	0.38	0.077
1066129	Soil		0.9	11.2	12.5	51	<0.1	12.4	7.5	214	3.79	3.7	1.8	0.9	20.4	12	<0.1	0.2	0.2	41	0.25	0.111
1066130	Soil		0.3	14.8	5.3	48	<0.1	47.2	19.8	561	4.49	1.7	1.3	0.7	19.2	22	<0.1	<0.1	0.1	60	0.44	0.122
1066133	Soil		0.6	29.9	10.3	56	0.1	26.1	10.1	326	3.18	9.0	1.6	2.7	9.2	31	<0.1	0.5	0.2	56	0.39	0.047
1066107	Soil		1.3	10.4	8.1	49	<0.1	13.6	8.5	321	3.87	8.5	2.0	2.4	11.1	9	0.1	0.4	0.2	61	0.09	0.071
1066105	Soil		1.0	14.6	8.2	53	<0.1	17.4	8.9	279	3.48	8.1	0.8	1.6	8.5	13	<0.1	0.4	0.2	70	0.16	0.038

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1067029	Soil		12	52	1.19	162	0.187	<1	1.99	0.017	0.31	0.2	<0.01	2.2	0.2	<0.05	7	<0.5	<0.2
1067038	Soil		50	38	0.63	138	0.096	<1	1.83	0.012	0.14	1.2	0.02	5.3	0.2	<0.05	8	<0.5	<0.2
1067033	Soil		13	19	0.91	312	0.099	<1	2.71	0.025	0.86	0.2	0.02	5.0	0.4	<0.05	12	<0.5	<0.2
1067032	Soil		25	34	0.68	236	0.139	<1	1.85	0.016	0.16	0.3	0.02	3.8	0.1	<0.05	7	<0.5	<0.2
1067034	Soil		27	51	0.93	179	0.129	<1	1.93	0.018	0.36	0.2	0.02	3.9	0.3	<0.05	8	<0.5	<0.2
1067044	Soil		44	34	0.50	162	0.083	<1	1.97	0.009	0.08	0.4	0.02	3.3	0.1	<0.05	7	<0.5	<0.2
1067040	Soil		31	27	0.52	108	0.071	1	1.58	0.011	0.15	0.3	0.02	3.4	0.1	<0.05	8	<0.5	<0.2
1067048	Soil		69	31	0.46	197	0.086	<1	2.02	0.012	0.10	0.6	0.02	3.6	0.1	<0.05	9	0.5	<0.2
1067042	Soil		27	38	0.68	182	0.111	<1	1.90	0.012	0.13	0.4	0.02	3.7	0.2	<0.05	7	<0.5	<0.2
1067041	Soil		36	29	0.63	113	0.052	<1	1.66	0.008	0.11	0.4	0.02	3.6	0.1	<0.05	9	<0.5	<0.2
1067043	Soil		40	40	0.62	191	0.111	<1	2.20	0.012	0.13	0.4	0.03	3.8	0.2	<0.05	9	<0.5	<0.2
1067339	Soil		34	26	0.60	151	0.117	<1	1.51	0.011	0.34	0.4	0.02	3.9	0.3	<0.05	7	<0.5	<0.2
1067050	Soil		35	24	0.37	130	0.086	<1	1.73	0.008	0.09	0.4	0.02	3.0	0.2	<0.05	8	<0.5	<0.2
1067045	Soil		69	34	0.49	234	0.088	<1	2.22	0.014	0.10	0.4	0.02	4.0	0.1	<0.05	9	<0.5	<0.2
1067046	Soil		64	26	0.40	132	0.074	<1	1.29	0.011	0.06	0.7	0.02	2.8	0.1	<0.05	6	<0.5	<0.2
1067047	Soil		49	29	0.43	147	0.080	<1	1.95	0.010	0.08	0.5	0.03	2.9	0.1	<0.05	8	<0.5	<0.2
1067336	Soil		31	26	0.39	110	0.085	<1	1.92	0.008	0.10	0.6	0.03	2.7	0.2	<0.05	8	<0.5	<0.2
1067337	Soil		32	22	0.35	102	0.078	<1	1.40	0.009	0.09	0.4	<0.01	2.6	0.1	<0.05	6	<0.5	<0.2
1067338	Soil		29	26	0.44	112	0.087	<1	1.68	0.009	0.10	0.3	0.02	3.1	0.1	<0.05	6	<0.5	<0.2
1066119	Soil		26	24	0.42	109	0.093	<1	1.76	0.008	0.34	0.1	0.02	2.7	0.3	<0.05	8	<0.5	<0.2
1066131	Soil		34	27	0.59	221	0.112	<1	1.70	0.012	0.22	0.1	0.03	4.6	0.3	<0.05	6	<0.5	<0.2
1066135	Soil		37	22	0.45	170	0.079	<1	1.80	0.013	0.14	0.1	0.02	3.5	0.1	<0.05	7	<0.5	<0.2
1066134	Soil		29	22	0.53	160	0.096	<1	1.80	0.010	0.19	0.1	0.02	3.1	0.2	<0.05	6	<0.5	<0.2
1066128	Soil		34	37	1.01	131	0.228	<1	2.88	0.009	0.87	0.3	0.02	6.5	0.8	<0.05	13	<0.5	<0.2
1066132	Soil		34	32	0.59	253	0.118	<1	1.97	0.015	0.25	0.1	0.03	5.0	0.2	<0.05	8	<0.5	<0.2
1066129	Soil		36	19	0.55	116	0.108	1	1.83	0.008	0.47	0.1	<0.01	3.4	0.4	<0.05	9	<0.5	<0.2
1066130	Soil		45	97	1.84	243	0.182	<1	2.85	0.010	0.93	0.1	<0.01	5.0	0.7	<0.05	11	<0.5	<0.2
1066133	Soil		23	33	0.59	340	0.097	<1	1.90	0.016	0.11	0.1	0.04	5.4	0.1	<0.05	7	<0.5	<0.2
1066107	Soil		25	27	0.44	106	0.067	<1	2.11	0.008	0.16	0.1	0.02	2.5	0.2	0.07	7	<0.5	<0.2
1066105	Soil		14	31	0.62	146	0.111	1	2.27	0.009	0.15	0.1	0.02	2.9	0.1	<0.05	8	<0.5	<0.2

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

Project: ECH
Report Date: August 09, 2011

CERTIFICATE OF ANALYSIS WHI11000707.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1066112	Soil	0.6	12.3	5.9	59	<0.1	12.7	9.3	278	3.85	3.3	2.1	0.8	22.4	11	<0.1	0.1	0.5	47	0.18	0.077
1066108	Soil	0.8	8.5	6.0	38	<0.1	11.9	6.5	189	3.06	4.9	1.5	0.8	14.7	8	<0.1	0.2	0.2	46	0.12	0.053
1066101	Soil	0.9	26.0	6.1	53	<0.1	29.6	18.8	402	4.46	4.8	0.8	1.3	4.1	18	<0.1	0.2	0.2	98	0.26	0.047
1066102	Soil	0.5	46.1	3.4	65	<0.1	21.6	22.9	509	4.29	2.8	0.8	<0.5	5.3	20	<0.1	0.2	0.3	107	0.45	0.107
1066103	Soil	0.7	25.1	6.2	59	<0.1	23.5	19.2	407	4.18	5.9	0.8	1.1	7.0	12	0.1	0.3	0.2	96	0.22	0.050
1066109	Soil	0.8	13.5	7.0	44	<0.1	16.3	8.3	234	3.04	6.2	1.8	1.1	18.9	13	<0.1	0.3	0.2	53	0.14	0.032
1066110	Soil	0.9	11.5	8.5	43	<0.1	16.3	7.7	206	3.01	6.7	1.5	0.9	14.0	13	<0.1	0.3	0.2	60	0.13	0.026
1066104	Soil	0.6	15.9	7.5	50	<0.1	17.1	9.4	277	2.79	5.2	1.0	0.6	7.2	16	<0.1	0.3	0.1	59	0.20	0.031
1066106	Soil	0.8	11.1	6.3	47	<0.1	14.8	8.8	286	3.19	5.6	1.1	0.6	13.0	10	0.1	0.3	0.2	61	0.13	0.039
1066113	Soil	0.4	12.9	4.4	51	<0.1	17.5	12.1	281	3.93	3.3	1.6	<0.5	22.8	13	<0.1	0.2	0.3	51	0.23	0.101
1066114	Soil	0.6	16.6	7.8	50	<0.1	15.8	10.2	282	3.37	4.1	1.6	1.4	9.4	14	<0.1	0.2	0.3	54	0.20	0.067
1066115	Soil	0.6	16.0	7.2	49	<0.1	14.1	8.3	266	2.81	4.1	1.8	1.9	12.2	18	<0.1	0.3	0.2	48	0.27	0.064
1066116	Soil	0.5	15.1	4.8	47	<0.1	12.6	8.2	271	2.96	3.2	1.8	0.8	19.5	19	<0.1	0.2	0.4	39	0.32	0.091
1066111	Soil	1.0	13.0	7.7	46	<0.1	13.3	7.4	270	3.35	6.1	2.0	<0.5	19.8	11	<0.1	0.3	0.4	47	0.12	0.041
1066118	Soil	0.7	15.7	6.7	59	<0.1	18.0	10.4	266	3.33	5.4	1.4	1.3	14.3	23	<0.1	0.2	0.2	51	0.27	0.066
1066122	Soil	0.2	12.4	6.8	36	<0.1	8.4	7.0	218	3.21	0.7	4.2	1.8	29.1	28	<0.1	<0.1	0.8	29	0.59	0.165
1066126	Soil	0.9	6.2	8.0	28	<0.1	7.7	4.3	110	2.34	5.1	0.7	<0.5	14.0	6	<0.1	0.2	0.1	39	0.14	0.060
1066123	Soil	0.3	15.6	5.8	35	<0.1	8.2	7.2	212	3.31	0.7	3.8	<0.5	30.7	28	<0.1	<0.1	1.0	21	0.53	0.151
1066124	Soil	0.3	12.5	4.8	42	<0.1	8.2	9.3	236	3.27	1.6	2.9	<0.5	27.0	14	<0.1	<0.1	0.4	27	0.37	0.149
1066117	Soil	0.4	15.5	4.8	43	<0.1	12.4	7.8	256	2.86	3.2	1.8	1.3	19.8	19	<0.1	0.2	0.3	36	0.36	0.103
1066127	Soil	0.6	7.0	6.0	40	<0.1	15.5	8.3	188	3.33	3.4	3.3	0.7	36.5	10	<0.1	0.2	0.2	32	0.23	0.112
1066125	Soil	0.6	7.5	7.0	38	<0.1	6.0	4.0	160	3.03	1.9	2.0	<0.5	27.1	6	<0.1	<0.1	0.4	25	0.16	0.087
1066120	Soil	0.5	17.7	4.4	52	<0.1	29.3	15.4	438	4.28	2.8	1.8	1.9	20.1	25	<0.1	0.2	0.1	59	0.45	0.108
1066121	Soil	0.5	18.8	5.5	55	<0.1	26.9	14.4	446	4.11	4.0	2.0	0.9	19.8	25	<0.1	0.2	0.1	63	0.38	0.089

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Project: ECH
Report Date: August 09, 2011

CERTIFICATE OF ANALYSIS WHI11000707.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1066112	Soil	40	21	0.72	204	0.139	<1	2.48	0.009	0.62	0.1	0.01	3.3	0.4	<0.05	9	<0.5	<0.2
1066108	Soil	25	21	0.44	108	0.089	<1	1.88	0.007	0.24	0.1	<0.01	2.4	0.2	<0.05	8	<0.5	<0.2
1066101	Soil	9	72	1.39	395	0.221	<1	2.74	0.018	0.53	0.3	<0.01	3.7	0.3	<0.05	10	<0.5	<0.2
1066102	Soil	14	43	1.34	576	0.247	<1	2.28	0.014	0.88	0.2	<0.01	4.4	0.4	<0.05	10	<0.5	<0.2
1066103	Soil	11	40	1.06	264	0.239	<1	2.99	0.012	0.49	0.2	0.01	3.8	0.3	<0.05	9	<0.5	<0.2
1066109	Soil	34	28	0.49	147	0.093	1	2.10	0.008	0.19	0.1	<0.01	3.1	0.2	<0.05	7	<0.5	<0.2
1066110	Soil	33	32	0.52	156	0.103	<1	2.21	0.009	0.16	0.1	0.02	3.2	0.2	<0.05	8	0.5	<0.2
1066104	Soil	14	32	0.67	199	0.120	<1	1.72	0.011	0.16	0.1	<0.01	3.1	0.1	<0.05	7	<0.5	<0.2
1066106	Soil	17	30	0.64	136	0.141	<1	2.17	0.008	0.29	0.1	<0.01	3.2	0.3	<0.05	9	<0.5	<0.2
1066113	Soil	35	31	0.74	192	0.180	<1	2.71	0.012	0.78	0.2	0.01	4.1	0.6	<0.05	10	0.6	<0.2
1066114	Soil	22	25	0.66	153	0.135	<1	2.11	0.009	0.32	0.1	<0.01	2.5	0.3	<0.05	7	<0.5	<0.2
1066115	Soil	34	26	0.53	183	0.110	<1	1.77	0.010	0.26	0.1	0.01	2.9	0.2	<0.05	7	<0.5	<0.2
1066116	Soil	35	21	0.51	195	0.133	<1	1.76	0.013	0.47	0.1	<0.01	2.8	0.4	<0.05	7	<0.5	<0.2
1066111	Soil	31	23	0.49	180	0.098	<1	2.38	0.008	0.30	0.1	0.01	2.6	0.3	<0.05	8	<0.5	<0.2
1066118	Soil	31	30	0.62	195	0.129	<1	2.03	0.011	0.43	0.1	0.01	3.8	0.3	<0.05	7	<0.5	<0.2
1066122	Soil	63	11	0.77	265	0.092	<1	1.93	0.007	0.81	0.1	<0.01	3.9	0.4	<0.05	9	<0.5	<0.2
1066126	Soil	19	14	0.67	64	0.103	<1	1.93	0.006	0.29	0.1	<0.01	1.4	0.3	<0.05	7	<0.5	<0.2
1066123	Soil	65	10	0.88	289	0.079	<1	2.04	0.007	0.77	<0.1	<0.01	3.4	0.4	<0.05	8	<0.5	<0.2
1066124	Soil	48	11	0.62	169	0.156	<1	2.04	0.008	0.82	0.1	<0.01	2.3	0.5	<0.05	8	<0.5	<0.2
1066117	Soil	34	21	0.51	188	0.125	<1	1.64	0.010	0.49	0.1	0.01	2.8	0.4	<0.05	7	0.9	<0.2
1066127	Soil	69	25	1.12	98	0.117	<1	2.56	0.007	0.71	0.2	<0.01	2.7	0.6	<0.05	7	<0.5	<0.2
1066125	Soil	33	10	0.31	58	0.124	<1	1.30	0.008	0.55	0.1	<0.01	1.7	0.4	<0.05	8	<0.5	<0.2
1066120	Soil	45	53	1.20	251	0.204	<1	2.29	0.011	1.13	0.2	<0.01	4.6	0.6	<0.05	10	<0.5	<0.2
1066121	Soil	44	50	1.14	282	0.215	<1	2.57	0.014	0.93	0.2	0.01	5.2	0.6	<0.05	9	<0.5	<0.2

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Project: ECH
Report Date: August 09, 2011

QUALITY CONTROL REPORT WHI11000707.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1064533	Soil	0.9	19.1	9.1	51	0.2	17.8	7.8	206	2.41	4.8	2.6	1.6	8.3	24	0.2	0.3	0.2	50	0.35	0.042
REP 1064533	QC	0.8	18.6	9.0	49	0.2	17.2	7.5	201	2.38	4.9	2.6	2.4	7.8	24	0.2	0.3	0.2	51	0.34	0.041
1033759	Soil	1.0	15.0	9.1	71	0.1	16.8	9.3	329	3.13	5.9	2.5	1.7	13.0	16	0.1	0.3	0.3	59	0.22	0.054
REP 1033759	QC	1.0	14.9	9.2	69	0.1	17.2	9.4	329	3.11	6.0	2.5	3.2	13.0	16	0.1	0.3	0.3	61	0.22	0.056
1033821	Soil	1.2	10.0	14.0	50	<0.1	15.4	8.2	303	3.67	8.0	0.6	1.0	7.4	15	<0.1	0.3	0.3	82	0.14	0.039
REP 1033821	QC	1.2	10.1	13.6	48	<0.1	14.6	8.2	302	3.63	7.9	0.6	3.0	7.2	15	<0.1	0.3	0.2	82	0.14	0.038
1033803	Soil	0.6	18.4	8.4	56	<0.1	17.2	9.0	259	2.97	6.1	1.4	2.8	9.9	19	<0.1	0.4	0.3	51	0.23	0.052
REP 1033803	QC	0.7	18.3	8.1	56	<0.1	16.4	8.7	264	2.95	6.2	1.4	2.8	9.8	18	<0.1	0.4	0.2	50	0.22	0.052
1033790	Soil	3.3	22.7	11.1	79	<0.1	21.6	13.7	496	4.47	7.9	2.2	3.9	9.4	21	0.1	0.3	0.3	107	0.24	0.041
REP 1033790	QC	3.2	24.5	10.9	77	<0.1	22.9	14.5	512	4.78	7.6	2.1	3.5	9.4	20	<0.1	0.3	0.3	105	0.25	0.040
1033844	Soil	0.6	20.2	9.5	42	<0.1	18.5	12.1	289	3.44	6.9	1.7	3.0	12.8	16	0.1	0.3	0.2	67	0.16	0.036
REP 1033844	QC	0.7	21.5	9.3	43	<0.1	19.1	11.9	287	3.38	6.9	1.8	2.0	12.6	18	<0.1	0.4	0.2	69	0.18	0.040
1067037	Soil	1.4	33.2	5.5	74	<0.1	27.4	21.1	698	4.17	1.7	2.4	1.0	9.7	20	0.1	0.2	0.1	99	0.67	0.179
REP 1067037	QC	1.4	34.4	5.5	79	<0.1	28.8	22.2	713	4.33	1.9	2.3	<0.5	9.2	21	0.1	0.1	<0.1	100	0.67	0.167
1067050	Soil	1.3	11.2	9.8	61	<0.1	13.3	6.4	239	2.65	6.1	3.2	<0.5	25.5	12	<0.1	0.3	0.4	55	0.14	0.039
REP 1067050	QC	1.5	12.0	10.1	64	<0.1	14.3	6.6	243	2.84	6.5	3.2	<0.5	26.4	13	0.1	0.3	0.4	58	0.15	0.041
1066109	Soil	0.8	13.5	7.0	44	<0.1	16.3	8.3	234	3.04	6.2	1.8	1.1	18.9	13	<0.1	0.3	0.2	53	0.14	0.032
REP 1066109	QC	0.9	13.6	6.8	46	<0.1	15.7	7.8	222	2.93	6.1	1.8	1.5	18.9	13	<0.1	0.3	0.2	51	0.14	0.034
1066126	Soil	0.9	6.2	8.0	28	<0.1	7.7	4.3	110	2.34	5.1	0.7	<0.5	14.0	6	<0.1	0.2	0.1	39	0.14	0.060
REP 1066126	QC	0.9	6.4	8.1	28	<0.1	8.3	4.8	119	2.47	5.1	0.7	1.4	14.4	7	<0.1	0.2	0.1	40	0.14	0.066
Reference Materials																					
STD DS8	Standard	12.8	101.5	117.3	304	1.7	34.6	7.0	584	2.36	26.0	2.7	120.1	6.5	65	2.3	5.6	6.8	39	0.66	0.078
STD DS8	Standard	12.4	105.2	121.5	316	1.8	37.7	7.6	627	2.46	25.0	2.6	117.9	6.3	69	2.2	5.2	5.9	42	0.71	0.078
STD DS8	Standard	13.9	118.6	123.3	326	1.8	39.3	8.2	612	2.51	27.6	2.8	118.8	6.9	69	2.1	5.7	6.3	43	0.69	0.077
STD DS8	Standard	12.8	105.9	114.1	284	1.7	36.2	7.2	601	2.40	24.3	2.4	105.4	6.3	64	2.0	5.4	5.9	42	0.64	0.073
STD DS8	Standard	12.6	108.7	120.7	304	1.7	38.3	7.3	588	2.33	25.6	2.7	110.0	6.8	70	2.2	5.3	6.6	42	0.69	0.077
STD DS8	Standard	12.0	102.2	123.3	304	1.9	35.3	7.0	568	2.35	24.9	2.7	114.0	6.5	66	2.1	5.2	6.1	39	0.67	0.075
STD DS8	Standard	11.0	109.4	119.0	296	1.6	37.6	7.4	564	2.33	23.5	2.6	103.1	6.2	62	2.2	5.7	6.3	39	0.61	0.074

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Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: ECH
Report Date: August 09, 2011

QUALITY CONTROL REPORT WHI11000707.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1064533	Soil	30	28	0.49	466	0.052	2	1.97	0.011	0.07	0.2	0.03	3.6	0.1	<0.05	8	0.5	<0.2
REP 1064533	QC	29	29	0.49	447	0.054	<1	1.95	0.012	0.07	0.2	0.04	3.6	0.1	<0.05	7	<0.5	<0.2
1033759	Soil	34	30	0.75	165	0.113	3	2.06	0.010	0.25	0.2	0.06	3.7	0.2	<0.05	8	<0.5	<0.2
REP 1033759	QC	34	30	0.75	163	0.115	2	2.10	0.010	0.25	0.3	0.06	3.8	0.2	<0.05	8	<0.5	<0.2
1033821	Soil	15	31	0.61	108	0.142	<1	2.42	0.008	0.16	0.2	0.02	3.0	0.2	<0.05	11	<0.5	<0.2
REP 1033821	QC	15	30	0.61	101	0.139	<1	2.39	0.008	0.15	0.1	0.02	2.8	0.2	<0.05	10	<0.5	<0.2
1033803	Soil	19	28	0.63	179	0.126	1	2.01	0.011	0.23	0.1	0.02	3.3	0.3	<0.05	7	<0.5	<0.2
REP 1033803	QC	19	28	0.63	176	0.124	1	2.01	0.010	0.22	0.2	<0.01	3.2	0.3	<0.05	7	0.5	<0.2
1033790	Soil	25	43	1.08	210	0.231	3	2.67	0.011	0.41	0.2	0.04	5.4	0.3	<0.05	12	0.6	<0.2
REP 1033790	QC	25	42	1.09	210	0.225	2	2.75	0.011	0.44	0.2	0.03	5.3	0.3	<0.05	12	<0.5	<0.2
1033844	Soil	24	35	0.64	229	0.121	1	2.47	0.012	0.33	0.1	0.03	3.9	0.3	<0.05	8	0.7	<0.2
REP 1033844	QC	25	36	0.66	235	0.135	1	2.61	0.010	0.35	0.2	0.02	4.0	0.3	<0.05	8	0.5	<0.2
1067037	Soil	26	58	1.23	263	0.217	<1	2.55	0.023	0.80	0.2	0.02	6.7	0.5	<0.05	9	<0.5	<0.2
REP 1067037	QC	26	61	1.29	270	0.218	<1	2.66	0.023	0.87	0.3	0.01	6.5	0.6	<0.05	10	<0.5	<0.2
1067050	Soil	35	24	0.37	130	0.086	<1	1.73	0.008	0.09	0.4	0.02	3.0	0.2	<0.05	8	<0.5	<0.2
REP 1067050	QC	37	25	0.41	140	0.092	<1	1.91	0.009	0.10	0.5	0.02	3.1	0.2	<0.05	9	<0.5	<0.2
1066109	Soil	34	28	0.49	147	0.093	1	2.10	0.008	0.19	0.1	<0.01	3.1	0.2	<0.05	7	<0.5	<0.2
REP 1066109	QC	32	27	0.49	144	0.091	<1	2.10	0.009	0.18	0.1	0.02	3.3	0.2	<0.05	7	<0.5	<0.2
1066126	Soil	19	14	0.67	64	0.103	<1	1.93	0.006	0.29	0.1	<0.01	1.4	0.3	<0.05	7	<0.5	<0.2
REP 1066126	QC	19	15	0.68	65	0.104	<1	1.95	0.006	0.29	<0.1	<0.01	1.5	0.3	<0.05	7	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	14	109	0.60	276	0.109	2	0.87	0.084	0.40	3.0	0.20	2.0	5.2	0.15	5	5.6	4.4
STD DS8	Standard	14	115	0.62	269	0.111	3	0.89	0.085	0.44	2.9	0.21	1.8	5.3	0.15	5	5.3	4.5
STD DS8	Standard	17	114	0.63	276	0.122	4	0.95	0.090	0.41	2.9	0.20	2.3	5.7	0.17	5	5.6	5.1
STD DS8	Standard	15	114	0.57	265	0.113	1	0.86	0.090	0.40	2.8	0.20	2.4	5.1	0.13	4	5.6	4.7
STD DS8	Standard	14	116	0.59	275	0.117	3	0.92	0.099	0.43	2.9	0.19	2.6	5.1	0.15	4	4.7	4.8
STD DS8	Standard	13	114	0.62	259	0.103	2	0.89	0.099	0.42	2.9	0.18	2.1	5.1	0.19	4	5.4	4.7
STD DS8	Standard	12	115	0.56	241	0.113	2	0.83	0.077	0.38	2.6	0.18	1.9	5.0	0.16	4	4.7	4.9

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

Project: ECH
Report Date: August 09, 2011

QUALITY CONTROL REPORT WHI11000707.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.03	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Vancouver BC V6C 1H2 Canada

Project: ECH
Report Date: August 09, 2011

QUALITY CONTROL REPORT WHI11000707.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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APPENDIX – VI

Rock and Trench sample assay certificates

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

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

Submitted By: Ian Gendall
Receiving Lab: Canada-Whitehorse
Received: June 27, 2011
Report Date: July 17, 2011
Page: 1 of 6

CERTIFICATE OF ANALYSIS WHI11000318.1

CLIENT JOB INFORMATION

Project: 50 Mile
Shipment ID: 50Mile-001
P.O. Number
Number of Samples: 149

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
DISP-RJT Dispose of Reject After 90 days

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	136	Crush, split and pulverize 250 g rock to 200 mesh			WHI
1DX1	149	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
3B01+3B04	149	Fire assay fusion Au by ICP-ES	50	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Hua Jin

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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www.acmelab.com

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

Project: 50 Mile
Report Date: July 17, 2011

CERTIFICATE OF ANALYSIS WHI11000318.1

Method		WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
30001	Rock	0.76	<0.1	6.7	6.8	11	0.4	0.3	0.2	51	0.38	<0.5	<0.5	1.1	8	<0.1	<0.1	0.1	<2	0.01	0.005
30002	Rock	0.18	<0.1	4.2	7.3	6	0.1	0.4	0.2	26	0.45	2.2	<0.5	0.6	9	<0.1	<0.1	0.5	<2	0.02	0.004
30003	Rock	2.53	0.1	3.8	12.9	10	0.1	0.5	0.3	47	0.45	2.1	<0.5	1.1	22	<0.1	0.1	0.4	4	0.02	0.006
30004	Rock	1.16	0.5	447.7	7.4	55	0.3	21.1	17.6	399	6.40	70.2	15.4	0.9	16	0.1	0.4	4.7	34	0.41	0.036
30005	Rock	1.13	0.2	5.9	2.9	7	<0.1	0.9	0.4	70	0.38	<0.5	<0.5	0.6	4	<0.1	0.1	0.5	3	0.02	0.008
30006	Rock Pulp	0.06	1.3	29.9	6.0	47	<0.1	91.0	23.8	465	3.31	<0.5	<0.5	1.8	201	<0.1	<0.1	<0.1	58	0.58	0.119
30007	Rock	0.14	1.6	23.8	45.9	48	0.3	59.0	17.4	345	4.57	0.7	1013	1.8	118	0.3	0.3	0.3	37	0.46	0.090
30008	Rock	1.70	0.6	15.3	1.1	2	<0.1	0.6	2.0	56	0.45	1.0	<0.5	<0.1	2	<0.1	<0.1	<0.1	<2	0.06	0.011
30009	Rock	0.86	<0.1	1.3	9.1	4	<0.1	0.2	0.2	21	0.28	<0.5	<0.5	0.4	5	<0.1	<0.1	<0.1	<2	<0.01	0.001
30027	Rock	2.19	5.9	12.0	22.9	47	1.9	2.3	3.7	92	14.63	241.3	12.4	2.1	8	0.2	5.0	30.3	22	0.01	0.149
30010	Rock	0.72	0.1	2.7	14.1	7	<0.1	0.5	0.6	45	0.68	12.4	<0.5	0.3	8	<0.1	<0.1	0.4	<2	0.01	0.002
30011	Rock	0.47	0.2	1.7	5.6	20	<0.1	2.9	3.0	227	1.33	<0.5	<0.5	4.4	17	<0.1	0.3	0.2	5	0.13	0.017
30023	Rock	0.98	0.6	50.2	9.8	23	0.4	1.5	5.4	143	1.83	15.4	<0.5	4.4	7	<0.1	0.6	0.2	9	0.19	0.082
30024	Rock	0.53	<0.1	0.8	0.6	2	<0.1	0.3	0.5	28	0.20	<0.5	<0.5	0.5	4	<0.1	<0.1	<0.1	<2	0.01	0.003
30012	Rock	0.82	1.1	38.7	4.2	49	<0.1	11.9	13.4	593	11.17	32.3	4.2	10.6	4	<0.1	0.4	2.0	21	0.01	0.083
30013	Rock	1.52	0.5	20.8	3.8	47	0.1	11.0	44.3	364	10.15	199.1	26.9	4.6	7	<0.1	0.3	3.1	30	0.01	0.046
30014	Rock	0.98	1.2	216.6	45.8	95	1.2	4.9	6.1	367	18.62	346.5	14.1	3.1	17	0.2	1.3	4.3	57	0.04	0.156
30019	Rock	0.72	3.9	24.8	44.7	123	0.5	4.7	1.1	116	2.34	312.8	2.0	4.9	52	0.8	2.0	22.0	14	0.01	0.063
30021	Rock	0.43	0.3	48.2	12.8	35	<0.1	2.0	5.8	438	1.62	<0.5	10.6	1.5	11	<0.1	<0.1	0.1	10	0.16	0.020
30022	Rock	0.77	0.4	5.5	12.8	38	<0.1	2.0	3.9	261	3.02	3.5	<0.5	3.8	12	<0.1	<0.1	0.6	33	0.03	0.025
30025	Rock	0.91	0.4	1.4	15.2	34	<0.1	0.3	1.3	53	0.50	<0.5	1.6	0.3	2	<0.1	0.2	<0.1	3	<0.01	0.003
30026	Rock	2.34	0.1	0.8	3.2	6	<0.1	0.2	0.4	34	0.22	0.7	0.6	3.8	4	<0.1	0.1	<0.1	<2	0.01	0.007
30028	Rock	1.47	0.7	1.4	4.5	2	<0.1	0.4	0.5	21	0.53	1.2	<0.5	3.1	8	<0.1	0.2	<0.1	<2	0.01	0.005
30031	Rock	1.58	0.4	1749	35.4	171	2.9	22.1	27.8	1225	7.31	8.3	81.8	1.1	35	0.5	0.3	0.3	162	1.38	0.052
30017	Rock	2.26	1.1	28.5	8.0	25	0.2	2.1	0.4	46	0.83	110.0	3.2	3.3	9	<0.1	0.6	0.3	9	0.04	0.041
30032	Rock	1.56	<0.1	14.3	9.6	35	<0.1	2.1	24.1	752	7.01	3.3	<0.5	1.0	51	<0.1	<0.1	0.2	174	2.06	0.184
30033	Rock	1.29	0.3	12.2	31.9	74	0.2	8.5	62.2	746	5.73	12.1	2.8	1.0	67	0.6	0.1	0.2	129	1.64	0.195
30034	Rock	1.29	<0.1	6.7	7.5	4	<0.1	0.3	0.6	45	0.35	0.7	0.7	0.3	15	<0.1	<0.1	0.2	<2	0.18	0.082
30039	Rock Pulp	0.14	1.2	26.2	5.0	41	<0.1	81.8	20.9	421	2.96	<0.5	<0.5	1.4	198	<0.1	<0.1	<0.1	52	0.63	0.105
30040	Rock Pulp	0.14	1.6	24.7	43.6	48	0.3	61.1	18.2	358	4.42	1.3	1024	1.8	130	0.2	0.2	0.3	37	0.54	0.084

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Acme Analytical Laboratories (Vancouver) Ltd.
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Phone (604) 253-3158 Fax (604) 253-1716
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Client: **Ryan Gold Corp.**
600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

Project: 50 Mile
Report Date: July 17, 2011

CERTIFICATE OF ANALYSIS WHI11000318.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	3B-50
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppb
	MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	2
30001	Rock	2	<1	0.07	89	<0.001	<20	0.38	0.025	0.22	<0.1	<0.01	0.3	<0.1	<0.05	1	<0.5	<0.2	<2
30002	Rock	1	<1	0.03	76	<0.001	<20	0.30	0.022	0.17	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2	<2
30003	Rock	2	1	0.03	64	0.001	<20	0.27	0.069	0.10	<0.1	<0.01	0.4	<0.1	<0.05	1	<0.5	<0.2	<2
30004	Rock	3	18	0.67	29	0.054	<20	0.99	0.056	0.08	<0.1	<0.01	4.0	<0.1	0.15	3	0.5	4.8	89
30005	Rock	<1	<1	0.06	20	0.001	<20	0.14	0.013	0.05	<0.1	<0.01	0.4	<0.1	<0.05	<1	<0.5	<0.2	<2
30006	Rock Pulp	14	61	1.68	55	0.437	<20	1.53	0.606	0.39	<0.1	<0.01	0.7	<0.1	<0.05	6	<0.5	<0.2	<2
30007	Rock	10	47	1.28	59	0.300	<20	1.18	0.531	0.35	<0.1	<0.01	0.8	0.5	2.65	4	0.5	<0.2	953
30008	Rock	<1	1	0.02	8	0.002	<20	0.06	0.003	<0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2	<2
30009	Rock	2	<1	0.02	140	<0.001	<20	0.32	0.006	0.22	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2	<2
30027	Rock	1	2	0.02	44	0.002	<20	0.30	0.004	0.06	0.1	<0.01	0.9	<0.1	0.08	1	11.9	0.8	13
30010	Rock	<1	<1	<0.01	70	<0.001	<20	0.17	0.023	0.10	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2	<2
30011	Rock	7	2	0.41	55	0.023	<20	0.74	0.046	0.10	<0.1	<0.01	1.4	<0.1	<0.05	3	<0.5	<0.2	<2
30023	Rock	8	1	0.20	106	<0.001	<20	0.94	0.010	0.19	<0.1	<0.01	1.4	<0.1	<0.05	3	<0.5	<0.2	8
30024	Rock	<1	<1	0.01	119	<0.001	<20	0.26	0.010	0.18	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2	<2
30012	Rock	17	16	0.36	167	0.005	<20	1.33	0.002	0.24	2.1	0.05	1.9	<0.1	<0.05	8	0.8	<0.2	2
30013	Rock	8	16	0.13	109	0.004	<20	0.85	0.001	0.12	0.8	0.04	2.4	<0.1	<0.05	6	2.6	0.8	24
30014	Rock	14	13	0.04	20	0.006	<20	0.42	0.002	0.02	<0.1	<0.01	2.8	<0.1	0.05	5	2.5	0.4	50
30019	Rock	11	8	0.16	184	0.003	<20	0.59	0.008	0.19	<0.1	<0.01	0.4	0.3	<0.05	2	0.9	<0.2	<2
30021	Rock	8	5	0.20	188	0.003	<20	1.10	0.042	0.32	<0.1	<0.01	1.0	0.2	0.12	3	<0.5	<0.2	3
30022	Rock	8	1	0.49	110	0.001	<20	1.16	0.009	0.18	<0.1	<0.01	2.5	<0.1	<0.05	4	<0.5	<0.2	<2
30025	Rock	2	<1	0.05	21	<0.001	<20	0.51	<0.001	0.03	<0.1	<0.01	0.5	<0.1	<0.05	1	<0.5	<0.2	<2
30026	Rock	4	<1	<0.01	123	<0.001	<20	0.32	0.005	0.22	<0.1	<0.01	0.7	<0.1	<0.05	<1	<0.5	<0.2	<2
30028	Rock	8	<1	<0.01	103	<0.001	<20	0.32	0.018	0.13	<0.1	0.01	0.5	<0.1	0.13	<1	<0.5	<0.2	<2
30031	Rock	4	1	2.25	411	0.246	<20	3.76	0.004	0.17	0.5	0.01	8.5	<0.1	0.12	16	<0.5	<0.2	54
30017	Rock	8	3	0.03	172	0.003	<20	0.33	0.004	0.13	<0.1	<0.01	0.7	0.1	<0.05	1	<0.5	<0.2	2
30032	Rock	11	4	2.22	155	0.102	<20	3.50	0.032	0.12	<0.1	<0.01	9.0	<0.1	0.26	13	<0.5	<0.2	<2
30033	Rock	5	18	1.77	120	0.180	<20	1.93	0.057	0.65	<0.1	<0.01	8.1	0.6	0.27	8	<0.5	<0.2	11
30034	Rock	1	<1	0.03	66	0.001	<20	0.33	0.094	0.09	<0.1	<0.01	0.4	<0.1	<0.05	<1	<0.5	<0.2	<2
30039	Rock Pulp	11	50	1.50	46	0.408	<20	1.47	0.552	0.32	<0.1	<0.01	1.2	<0.1	<0.05	5	<0.5	<0.2	2
30040	Rock Pulp	9	43	1.25	68	0.283	<20	1.23	0.537	0.33	<0.1	<0.01	1.5	0.5	2.58	4	0.6	<0.2	957

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

Project: 50 Mile
Report Date: July 17, 2011

CERTIFICATE OF ANALYSIS WHI11000318.1

Method		WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
30041	Rock	1.81	0.4	4.3	13.7	159	<0.1	12.8	18.5	1132	5.40	<0.5	0.5	3.1	64	<0.1	0.2	0.3	119	2.08	0.184
30042	Rock	1.20	11.4	9.5	3.3	6	0.2	0.6	0.3	33	7.32	46.0	3.8	0.7	11	<0.1	0.1	0.4	26	0.01	0.072
30062	Rock	2.15	0.1	4.9	4.5	17	<0.1	2.0	1.3	161	0.70	<0.5	0.8	1.9	42	<0.1	<0.1	<0.1	9	0.09	0.009
30063	Rock	2.45	<0.1	2.4	2.6	12	<0.1	1.6	1.6	141	0.66	1.0	1.4	1.8	23	<0.1	<0.1	<0.1	9	0.05	0.010
30065	Rock	2.63	0.1	11.8	3.7	16	<0.1	2.2	3.1	153	0.71	<0.5	<0.5	1.0	23	<0.1	<0.1	<0.1	17	0.14	0.009
30051	Rock	1.93	1.0	38.4	5.6	25	<0.1	12.5	7.4	140	1.85	0.9	<0.5	4.7	49	<0.1	<0.1	<0.1	110	0.59	0.138
30052	Rock	1.47	0.2	1.5	8.0	25	0.1	1.0	0.8	130	0.30	0.5	<0.5	0.8	13	0.1	<0.1	0.3	3	0.07	0.010
30053	Rock	1.83	0.1	2.8	30.6	33	0.2	2.7	1.2	319	2.23	3.5	51.0	4.7	46	<0.1	<0.1	1.0	40	0.31	0.107
30061	Rock	2.79	0.1	3.0	3.5	16	<0.1	1.6	1.2	144	0.63	<0.5	<0.5	2.3	32	<0.1	<0.1	<0.1	7	0.05	0.008
30066	Rock	1.73	<0.1	2.3	1.8	15	<0.1	1.0	1.3	145	0.56	<0.5	0.7	2.8	27	<0.1	<0.1	<0.1	8	0.04	0.006
30068	Rock	2.26	0.1	23.1	6.2	27	<0.1	7.0	8.7	284	1.73	0.8	0.6	<0.1	17	<0.1	<0.1	0.4	54	0.57	0.031
30069	Rock	2.43	<0.1	10.6	2.6	21	<0.1	5.3	6.8	251	1.38	<0.5	0.6	1.4	13	<0.1	<0.1	0.1	45	0.43	0.030
30064	Rock	2.66	<0.1	12.9	4.7	16	0.2	3.1	4.5	175	0.73	<0.5	<0.5	<0.1	14	<0.1	<0.1	<0.1	20	0.35	0.026
30070	Rock	2.61	<0.1	9.4	1.7	12	<0.1	1.9	2.8	142	0.64	<0.5	0.8	0.4	14	<0.1	<0.1	<0.1	16	0.22	0.017
30071	Rock	2.51	0.3	42.7	3.3	19	<0.1	3.9	3.9	263	0.98	0.6	<0.5	0.5	32	<0.1	<0.1	<0.1	21	0.59	0.086
30067	Rock	2.32	<0.1	9.0	3.9	19	<0.1	3.7	4.5	218	1.08	<0.5	<0.5	1.7	20	<0.1	<0.1	<0.1	31	0.42	0.024
30072	Rock	2.53	0.2	23.4	3.6	32	<0.1	10.3	11.6	364	2.22	0.6	<0.5	<0.1	17	<0.1	<0.1	<0.1	68	0.78	0.062
30035	Rock Pulp	0.16	1.4	26.6	6.7	44	<0.1	85.2	21.4	432	3.30	0.7	<0.5	1.9	202	<0.1	<0.1	<0.1	60	0.59	0.116
30036	Rock Pulp	0.16	1.2	23.7	6.9	36	<0.1	66.6	17.0	371	2.66	0.6	185.1	1.5	158	<0.1	<0.1	<0.1	44	0.49	0.095
30073	Rock	2.99	<0.1	12.4	2.1	33	<0.1	10.4	12.0	359	2.25	0.5	4.9	<0.1	16	<0.1	<0.1	<0.1	73	0.88	0.071
30074	Rock	2.58	<0.1	26.8	1.7	34	<0.1	9.6	11.9	376	2.39	<0.5	6.9	0.6	18	<0.1	<0.1	<0.1	72	0.76	0.054
30077	Rock	2.15	<0.1	12.2	4.1	54	<0.1	5.5	9.4	541	3.32	1.3	1.2	1.4	17	<0.1	<0.1	<0.1	79	0.48	0.062
30078	Rock	4.01	0.2	14.8	6.6	37	<0.1	2.3	7.3	427	2.14	1.9	<0.5	1.2	20	<0.1	0.1	0.1	43	0.28	0.029
30088	Rock	4.03	<0.1	12.9	4.5	60	<0.1	2.8	9.9	594	3.32	1.2	28.2	1.0	12	<0.1	<0.1	<0.1	81	0.34	0.044
30092	Rock	2.35	<0.1	10.7	2.9	55	<0.1	2.8	10.5	621	3.43	0.9	2.4	1.9	11	<0.1	<0.1	<0.1	75	0.42	0.044
30089	Rock	4.82	<0.1	21.0	6.1	46	<0.1	2.3	7.9	545	2.67	2.3	<0.5	1.0	23	<0.1	0.1	0.1	56	0.60	0.042
30090	Rock	5.46	0.1	35.6	4.4	47	<0.1	2.8	9.2	519	3.01	1.0	1.1	1.1	22	<0.1	<0.1	0.1	63	0.46	0.042
30079	Rock	3.52	<0.1	12.2	5.1	34	<0.1	2.0	5.0	361	2.01	1.3	3.2	1.6	21	<0.1	<0.1	<0.1	42	0.32	0.038
30080	Rock	2.73	0.1	9.8	5.3	13	<0.1	0.8	2.4	172	0.93	1.1	0.6	1.8	25	<0.1	0.1	<0.1	13	0.09	0.009
30081	Rock	3.10	<0.1	16.9	4.9	25	<0.1	1.6	3.5	227	1.64	1.4	1.1	2.3	23	<0.1	0.1	0.1	29	0.13	0.018

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	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	3B-50
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppb
	MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	2
30041	Rock	24	29	2.05	37	0.015	<20	2.70	0.031	0.14	<0.1	<0.01	6.2	0.1	<0.05	12	<0.5	<0.2	<2
30042	Rock	2	3	<0.01	440	0.003	<20	0.11	0.010	0.18	0.1	<0.01	0.3	<0.1	0.30	<1	1.3	<0.2	5
30062	Rock	2	4	0.19	91	0.027	<20	0.44	0.100	0.14	<0.1	<0.01	0.5	<0.1	<0.05	2	<0.5	<0.2	<2
30063	Rock	2	4	0.17	61	0.022	<20	0.35	0.067	0.14	<0.1	<0.01	0.9	<0.1	<0.05	2	<0.5	<0.2	3
30065	Rock	<1	7	0.27	128	0.044	<20	0.45	0.100	0.18	<0.1	0.01	1.1	<0.1	<0.05	2	<0.5	<0.2	<2
30051	Rock	13	49	0.58	113	0.116	<20	0.83	0.125	0.39	0.2	<0.01	1.7	<0.1	<0.05	3	<0.5	<0.2	6
30052	Rock	1	<1	0.09	89	<0.001	<20	0.33	0.054	0.09	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2	3
30053	Rock	5	14	0.88	62	0.070	<20	1.23	0.085	0.09	<0.1	<0.01	3.4	<0.1	0.41	6	<0.5	0.5	5
30061	Rock	2	4	0.15	91	0.021	<20	0.39	0.103	0.17	<0.1	<0.01	0.4	<0.1	<0.05	2	<0.5	<0.2	<2
30066	Rock	2	2	0.11	88	0.020	<20	0.34	0.085	0.17	<0.1	<0.01	0.6	<0.1	<0.05	2	<0.5	<0.2	<2
30068	Rock	<1	22	0.84	130	0.094	<20	1.19	0.143	0.44	<0.1	<0.01	3.6	0.2	<0.05	3	<0.5	0.3	11
30069	Rock	1	17	0.64	149	0.085	<20	0.93	0.118	0.35	<0.1	<0.01	3.0	0.1	<0.05	3	<0.5	<0.2	<2
30064	Rock	<1	5	0.32	43	0.023	<20	0.56	0.131	0.08	<0.1	<0.01	1.4	<0.1	<0.05	1	<0.5	<0.2	<2
30070	Rock	<1	4	0.22	51	0.025	<20	0.41	0.089	0.13	<0.1	<0.01	1.3	<0.1	<0.05	1	<0.5	<0.2	<2
30071	Rock	<1	5	0.36	80	0.031	<20	0.66	0.119	0.12	<0.1	<0.01	1.5	<0.1	<0.05	2	<0.5	<0.2	<2
30067	Rock	<1	12	0.42	85	0.058	<20	0.74	0.122	0.22	<0.1	<0.01	2.5	<0.1	<0.05	2	<0.5	<0.2	3
30072	Rock	<1	29	1.01	170	0.112	<20	1.37	0.108	0.44	<0.1	<0.01	4.9	0.1	<0.05	3	<0.5	<0.2	6
30035	Rock Pulp	13	56	1.59	54	0.452	<20	1.44	0.565	0.36	<0.1	<0.01	0.4	<0.1	<0.05	6	<0.5	<0.2	<2
30036	Rock Pulp	10	44	1.29	46	0.349	<20	1.20	0.468	0.30	<0.1	<0.01	0.6	<0.1	<0.05	5	<0.5	<0.2	189
30073	Rock	<1	27	1.04	210	0.128	<20	1.39	0.127	0.50	<0.1	<0.01	5.6	0.1	<0.05	4	<0.5	<0.2	<2
30074	Rock	1	30	1.10	219	0.139	<20	1.48	0.147	0.61	<0.1	<0.01	5.8	0.1	<0.05	4	<0.5	<0.2	<2
30077	Rock	4	11	1.03	409	0.206	<20	1.62	0.091	1.04	<0.1	<0.01	6.2	0.2	<0.05	7	<0.5	<0.2	<2
30078	Rock	3	3	0.57	241	0.113	<20	0.99	0.084	0.57	<0.1	<0.01	4.2	0.2	<0.05	4	<0.5	<0.2	4
30088	Rock	3	3	1.04	527	0.213	<20	1.70	0.077	1.19	<0.1	<0.01	5.7	0.2	<0.05	6	<0.5	<0.2	<2
30092	Rock	5	4	1.13	522	0.239	<20	1.76	0.144	1.17	<0.1	<0.01	6.0	0.2	<0.05	6	<0.5	<0.2	<2
30089	Rock	3	8	0.80	255	0.141	<20	1.37	0.120	0.59	<0.1	<0.01	5.3	<0.1	<0.05	5	<0.5	<0.2	<2
30090	Rock	3	3	0.89	341	0.168	<20	1.46	0.133	0.84	<0.1	<0.01	5.6	0.1	<0.05	5	<0.5	<0.2	<2
30079	Rock	4	7	0.51	159	0.093	<20	0.95	0.115	0.46	<0.1	<0.01	4.7	<0.1	<0.05	4	<0.5	<0.2	<2
30080	Rock	2	2	0.18	95	0.025	<20	0.44	0.084	0.19	<0.1	<0.01	1.6	<0.1	<0.05	2	<0.5	<0.2	<2
30081	Rock	3	10	0.39	152	0.034	<20	0.78	0.106	0.36	<0.1	<0.01	2.8	0.1	<0.05	3	<0.5	<0.2	8

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Report Date: July 17, 2011

CERTIFICATE OF ANALYSIS WHI11000318.1

Method		WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
30082	Rock	3.28	<0.1	7.9	2.5	45	<0.1	2.1	8.5	577	2.95	<0.5	2.2	1.5	9	<0.1	<0.1	<0.1	70	0.48	0.038
30075	Rock	2.04	0.1	18.8	2.0	18	<0.1	3.5	4.5	237	1.20	1.2	2.8	2.1	29	<0.1	0.1	<0.1	33	0.40	0.018
30076	Rock	2.44	<0.1	15.5	2.5	25	<0.1	4.7	7.0	336	1.72	0.5	3.5	2.0	28	<0.1	<0.1	0.1	45	0.41	0.023
30083	Rock	3.20	<0.1	12.2	2.3	44	<0.1	1.9	8.4	557	2.88	<0.5	2.3	1.7	13	<0.1	<0.1	<0.1	66	0.62	0.043
30084	Rock	4.04	<0.1	18.9	4.6	52	<0.1	2.8	8.4	745	4.27	1.8	2.7	1.7	11	0.1	<0.1	0.2	67	0.35	0.037
30085	Rock	4.22	<0.1	30.7	12.2	61	<0.1	2.8	7.8	574	3.39	1.6	1.6	1.6	20	0.1	<0.1	1.0	77	0.36	0.044
30086	Rock	4.68	<0.1	19.6	12.7	56	0.1	2.7	6.8	565	2.95	1.8	3.5	1.4	21	0.2	<0.1	0.5	65	0.46	0.043
30087	Rock	4.17	<0.1	25.6	8.9	52	<0.1	2.8	9.5	558	3.10	1.9	4.1	1.4	18	<0.1	<0.1	0.2	72	0.57	0.042
30091	Rock	1.55	<0.1	27.0	6.2	46	<0.1	2.6	9.7	495	3.09	<0.5	2.2	1.8	22	<0.1	<0.1	0.2	72	0.43	0.047
30093	Rock	2.03	<0.1	10.5	3.8	51	<0.1	2.9	9.6	575	3.11	<0.5	<0.5	1.6	14	<0.1	<0.1	<0.1	71	0.55	0.044
30037	Rock Pulp	0.08	1.3	26.7	5.7	42	<0.1	82.8	21.2	428	3.14	<0.5	<0.5	1.7	205	<0.1	<0.1	<0.1	56	0.68	0.110
30038	Rock Pulp	0.08	1.6	23.2	43.2	46	0.2	60.2	17.6	354	4.47	1.4	972.4	1.8	120	0.2	0.2	0.2	38	0.56	0.082
30094	Rock	1.99	<0.1	16.3	3.1	53	<0.1	2.5	9.5	593	3.17	<0.5	<0.5	2.0	21	<0.1	<0.1	<0.1	76	0.44	0.046
30100	Rock	2.26	0.1	32.3	2.6	45	<0.1	2.8	10.8	483	3.86	7.3	448.9	2.3	34	<0.1	<0.1	9.4	81	0.38	0.051
30101	Rock	2.38	<0.1	19.0	2.4	51	<0.1	3.0	10.6	615	3.22	<0.5	<0.5	1.8	18	<0.1	<0.1	0.3	82	0.48	0.044
30097	Rock	3.39	<0.1	14.8	2.9	49	<0.1	2.1	9.4	609	3.18	<0.5	0.6	1.6	30	<0.1	<0.1	0.1	78	0.49	0.047
30098	Rock	2.01	<0.1	4.1	3.5	50	<0.1	1.9	9.7	595	3.08	<0.5	<0.5	0.8	20	<0.1	<0.1	<0.1	78	0.47	0.046
30099	Rock	2.47	<0.1	14.7	1.8	55	<0.1	2.3	10.5	616	3.37	<0.5	<0.5	2.0	19	<0.1	<0.1	<0.1	84	0.47	0.047
30103	Rock	2.92	<0.1	26.6	2.9	52	<0.1	2.8	10.9	625	3.18	<0.5	<0.5	1.0	13	<0.1	<0.1	<0.1	80	0.40	0.045
30104	Rock	3.18	<0.1	8.9	4.1	51	<0.1	3.1	10.7	629	3.28	<0.5	<0.5	1.7	29	<0.1	<0.1	0.2	74	0.57	0.051
30102	Rock	2.28	<0.1	14.0	2.6	35	<0.1	2.4	9.1	464	2.65	<0.5	<0.5	1.3	25	<0.1	<0.1	0.2	65	0.44	0.035
30095	Rock	2.71	<0.1	35.2	4.7	50	<0.1	2.8	9.3	567	2.93	<0.5	<0.5	0.7	25	<0.1	<0.1	<0.1	60	0.38	0.033
30096	Rock	2.09	<0.1	15.0	4.4	54	<0.1	2.5	9.8	581	3.02	<0.5	<0.5	1.4	15	<0.1	<0.1	<0.1	70	0.52	0.043
30105	Rock	2.86	<0.1	17.8	3.8	43	<0.1	2.7	9.2	544	2.85	<0.5	31.9	1.6	19	<0.1	<0.1	0.2	65	0.35	0.041
30106	Rock	2.35	<0.1	5.5	4.4	51	<0.1	2.8	10.1	616	3.24	<0.5	4.6	1.4	13	<0.1	<0.1	0.2	76	0.40	0.045
30029	Rock Pulp	0.07	1.2	28.4	5.9	45	<0.1	86.8	23.2	462	3.28	<0.5	<0.5	1.7	189	<0.1	<0.1	<0.1	57	0.60	0.100
30030	Rock Pulp		1.2	24.9	6.7	37	<0.1	72.1	19.2	365	2.64	<0.5	197.4	1.6	170	<0.1	<0.1	<0.1	45	0.50	0.084
30107	Rock	2.69	<0.1	10.3	3.6	39	<0.1	2.1	5.9	505	2.19	<0.5	3.3	1.6	23	<0.1	<0.1	<0.1	46	0.32	0.026
30108	Rock	2.13	<0.1	5.2	3.6	51	<0.1	2.4	10.2	574	3.48	<0.5	5.0	1.5	10	0.1	<0.1	<0.1	80	0.49	0.042
30110	Rock	2.53	<0.1	25.7	5.3	48	<0.1	3.7	8.6	513	2.81	<0.5	6.8	0.8	23	0.2	<0.1	0.1	60	0.56	0.052

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

Project: 50 Mile
Report Date: July 17, 2011

CERTIFICATE OF ANALYSIS WHI11000318.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	3B-50
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppb
	MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	2
30082	Rock	4	2	0.91	331	0.186	<20	1.42	0.111	0.80	<0.1	0.02	7.0	0.1	<0.05	5	1.0	<0.2	<2
30075	Rock	3	14	0.38	113	0.060	<20	0.68	0.123	0.23	<0.1	0.01	4.1	<0.1	<0.05	2	<0.5	<0.2	<2
30076	Rock	3	13	0.54	169	0.077	<20	0.90	0.097	0.34	<0.1	0.02	4.7	0.1	<0.05	3	0.8	<0.2	<2
30083	Rock	5	6	0.86	332	0.187	<20	1.42	0.129	0.69	<0.1	0.02	7.7	0.1	<0.05	6	0.5	<0.2	<2
30084	Rock	5	3	0.94	369	0.154	<20	1.51	0.085	0.67	<0.1	0.02	6.9	0.1	<0.05	6	<0.5	<0.2	<2
30085	Rock	4	6	0.98	415	0.167	<20	1.69	0.092	0.88	<0.1	0.01	7.0	0.2	<0.05	6	0.8	<0.2	<2
30086	Rock	4	1	0.83	316	0.157	<20	1.45	0.075	0.67	<0.1	0.01	6.3	0.2	<0.05	6	1.1	<0.2	<2
30087	Rock	4	13	0.87	298	0.161	<20	1.51	0.117	0.66	<0.1	0.02	6.8	0.1	<0.05	5	0.8	<0.2	<2
30091	Rock	4	4	0.91	378	0.189	<20	1.44	0.087	0.85	<0.1	<0.01	6.3	0.2	<0.05	5	<0.5	<0.2	5
30093	Rock	4	5	1.00	336	0.200	<20	1.58	0.138	0.91	<0.1	<0.01	6.5	0.2	<0.05	6	<0.5	<0.2	<2
30037	Rock Pulp	12	52	1.60	54	0.445	<20	1.58	0.601	0.33	<0.1	<0.01	0.9	<0.1	<0.05	6	<0.5	<0.2	<2
30038	Rock Pulp	9	42	1.25	66	0.281	<20	1.23	0.536	0.33	0.1	<0.01	1.5	0.5	2.54	4	0.5	<0.2	948
30094	Rock	5	5	1.00	450	0.225	<20	1.55	0.110	1.03	<0.1	<0.01	7.3	0.2	<0.05	6	<0.5	<0.2	<2
30100	Rock	7	4	0.96	346	0.190	<20	1.60	0.095	0.94	<0.1	<0.01	8.8	0.2	<0.05	7	<0.5	4.9	810
30101	Rock	5	4	0.95	410	0.211	<20	1.56	0.107	0.92	<0.1	<0.01	8.0	0.2	<0.05	6	<0.5	<0.2	10
30097	Rock	4	4	0.98	427	0.215	<20	1.60	0.109	0.97	<0.1	<0.01	7.3	0.2	<0.05	6	<0.5	<0.2	<2
30098	Rock	2	4	0.98	355	0.197	<20	1.52	0.109	0.92	<0.1	<0.01	7.0	0.2	<0.05	6	<0.5	<0.2	<2
30099	Rock	5	4	1.06	419	0.232	<20	1.65	0.117	1.02	<0.1	<0.01	7.9	0.2	<0.05	6	<0.5	<0.2	<2
30103	Rock	3	6	0.99	483	0.236	<20	1.59	0.110	1.02	<0.1	<0.01	6.7	0.2	<0.05	6	<0.5	<0.2	<2
30104	Rock	5	6	1.01	370	0.218	<20	1.63	0.113	0.94	<0.1	<0.01	7.2	0.1	<0.05	7	<0.5	<0.2	4
30102	Rock	3	5	0.69	279	0.150	<20	1.24	0.088	0.55	<0.1	<0.01	6.6	0.1	<0.05	5	<0.5	<0.2	4
30095	Rock	2	7	0.93	372	0.188	<20	1.51	0.081	0.90	<0.1	<0.01	5.0	0.2	<0.05	5	<0.5	<0.2	<2
30096	Rock	4	5	0.99	366	0.205	<20	1.58	0.122	0.93	<0.1	<0.01	6.2	0.2	<0.05	5	<0.5	<0.2	<2
30105	Rock	3	8	0.91	368	0.196	<20	1.40	0.104	0.88	<0.1	<0.01	6.3	0.2	<0.05	5	<0.5	<0.2	8
30106	Rock	3	6	1.04	441	0.234	<20	1.54	0.091	1.20	<0.1	<0.01	6.8	0.2	<0.05	6	<0.5	<0.2	5
30029	Rock Pulp	12	56	1.62	50	0.419	<20	1.52	0.591	0.36	<0.1	<0.01	0.4	<0.1	<0.05	5	<0.5	<0.2	<2
30030	Rock Pulp	11	43	1.26	43	0.345	<20	1.22	0.466	0.30	<0.1	<0.01	0.6	<0.1	<0.05	5	0.6	<0.2	194
30107	Rock	3	8	0.63	261	0.145	<20	1.06	0.109	0.63	<0.1	<0.01	4.1	0.1	<0.05	5	<0.5	<0.2	<2
30108	Rock	3	5	1.05	368	0.251	<20	1.62	0.104	1.10	<0.1	<0.01	7.5	0.2	<0.05	6	<0.5	<0.2	<2
30110	Rock	3	7	0.96	252	0.194	<20	1.40	0.101	0.78	<0.1	<0.01	5.3	0.1	<0.05	5	<0.5	<0.2	<2

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Method		WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
30111	Rock	2.53	<0.1	16.3	3.5	58	<0.1	3.7	10.2	602	3.04	<0.5	1.7	0.5	13	0.1	<0.1	<0.1	72	0.50	0.049
30112	Rock	2.91	<0.1	11.0	3.4	54	<0.1	3.3	8.8	623	2.99	<0.5	1.5	0.9	17	0.1	<0.1	<0.1	67	0.50	0.042
30130	Rock	2.49	0.6	35.1	3.2	42	<0.1	4.3	7.7	329	2.56	2.3	1.0	0.5	16	<0.1	0.2	0.1	92	0.73	0.049
30113	Rock	1.97	<0.1	22.9	3.8	59	<0.1	3.3	10.3	635	3.26	<0.5	1.0	1.3	15	0.2	<0.1	<0.1	73	0.49	0.054
30109	Rock	1.90	<0.1	9.3	5.3	44	<0.1	2.2	8.5	467	2.95	0.8	0.9	1.9	17	<0.1	<0.1	0.6	68	0.38	0.038
30114	Rock	3.08	<0.1	13.4	3.4	48	<0.1	3.0	10.4	653	3.29	0.6	1.0	0.6	13	<0.1	<0.1	<0.1	73	0.50	0.046
30123	Rock	3.13	1.0	33.9	6.5	40	<0.1	6.1	7.9	242	2.07	0.6	<0.5	1.9	41	0.1	0.1	0.1	45	0.38	0.034
30124	Rock	2.70	1.8	27.9	7.0	36	<0.1	3.2	5.4	234	2.06	1.4	1.4	3.3	21	<0.1	0.1	0.1	53	0.31	0.036
30125	Rock	2.71	0.1	11.0	2.8	13	<0.1	1.7	2.0	140	0.75	<0.5	0.5	0.4	24	<0.1	<0.1	<0.1	13	0.17	0.006
30116	Rock	1.46	<0.1	7.7	6.8	37	<0.1	1.8	7.9	423	2.24	0.6	<0.5	0.6	20	0.2	0.1	0.1	49	0.41	0.029
30117	Rock	2.35	<0.1	11.0	5.4	17	<0.1	1.4	3.7	171	1.36	1.2	1.9	0.7	20	<0.1	0.1	0.5	26	0.13	0.016
30119	Rock	2.64	0.5	33.5	4.7	39	<0.1	4.4	8.6	387	2.39	1.5	0.5	0.4	65	0.1	0.2	0.1	51	0.78	0.110
30120	Rock	1.82	1.2	45.2	3.3	40	<0.1	3.0	8.8	355	2.69	0.9	0.9	0.4	45	<0.1	<0.1	<0.1	61	0.38	0.035
30121	Rock	3.22	1.0	77.4	5.2	41	<0.1	3.6	10.1	467	3.12	2.7	<0.5	0.5	52	<0.1	<0.1	0.1	72	0.55	0.071
30122	Rock	2.81	0.7	62.5	4.6	55	<0.1	2.9	10.7	482	3.86	1.1	1.0	0.4	39	<0.1	<0.1	<0.1	94	0.56	0.071
30128	Rock	2.66	0.1	34.6	4.2	28	<0.1	5.1	6.8	282	2.10	7.0	0.6	0.8	23	<0.1	0.5	0.3	72	0.95	0.052
30126	Rock	3.03	0.3	51.8	10.5	33	<0.1	5.0	7.7	324	2.20	4.4	1.2	1.1	26	<0.1	0.5	0.6	65	0.86	0.074
30127	Rock	2.89	0.4	48.7	3.1	23	0.2	3.6	5.5	232	2.02	13.6	4.2	1.2	20	<0.1	1.1	0.3	46	0.78	0.059
30115	Rock	3.48	<0.1	10.7	4.2	34	<0.1	2.8	7.4	472	2.17	<0.5	<0.5	0.4	22	<0.1	<0.1	<0.1	51	0.43	0.030
30129	Rock	2.59	0.2	46.9	9.6	37	0.1	4.1	7.5	290	2.22	4.1	0.5	0.3	18	<0.1	0.3	0.2	73	0.92	0.047
30131	Rock	2.46	0.9	45.4	3.6	36	<0.1	3.2	7.9	338	2.42	1.7	1.5	0.3	20	<0.1	0.1	0.1	76	1.08	0.057
30015	Rock Pulp	0.14	1.3	28.0	6.0	42	<0.1	87.7	22.0	455	3.18	<0.5	0.7	1.7	197	<0.1	<0.1	<0.1	54	0.61	0.112
30016	Rock Pulp	0.13	1.2	21.9	6.9	32	<0.1	67.0	16.9	371	2.57	<0.5	187.8	1.5	153	<0.1	<0.1	<0.1	43	0.50	0.092
30132	Rock	2.84	0.5	27.9	2.9	38	<0.1	4.7	8.0	337	2.39	1.9	0.6	1.8	16	<0.1	0.1	0.1	81	0.72	0.034
30141	Rock	2.26	0.2	30.5	2.6	29	<0.1	3.9	6.3	253	1.73	3.8	2.5	0.6	12	<0.1	0.4	<0.1	51	0.49	0.034
30142	Rock	2.51	0.6	20.2	2.1	35	<0.1	5.3	6.3	281	1.97	6.0	0.6	5.5	11	<0.1	0.5	0.1	46	0.35	0.030
30133	Rock	2.44	0.2	17.9	2.7	19	<0.1	2.7	4.5	172	1.31	2.1	<0.5	2.0	18	<0.1	0.2	<0.1	36	0.39	0.021
30134	Rock	2.64	1.5	31.5	5.9	13	<0.1	2.7	4.0	128	1.20	2.1	<0.5	0.3	20	<0.1	0.2	0.1	37	0.77	0.032
30135	Rock	2.47	0.7	53.2	4.7	40	<0.1	5.3	8.7	336	2.86	3.4	<0.5	1.0	87	<0.1	0.2	0.1	62	0.68	0.045
30136	Rock	2.06	0.4	35.8	4.5	19	<0.1	2.8	7.1	168	1.63	1.9	<0.5	0.6	13	<0.1	<0.1	<0.1	52	0.34	0.039

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

Project: 50 Mile
Report Date: July 17, 2011

CERTIFICATE OF ANALYSIS WHI11000318.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	3B-50
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppb
	MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	2
30111	Rock	2	7	1.08	397	0.236	<20	1.57	0.107	1.08	<0.1	<0.01	6.0	0.2	<0.05	6	<0.5	<0.2	<2
30112	Rock	2	6	1.07	349	0.213	<20	1.55	0.106	0.98	<0.1	<0.01	6.0	0.2	<0.05	6	<0.5	<0.2	<2
30130	Rock	2	10	0.58	302	0.144	<20	1.40	0.125	0.48	<0.1	<0.01	6.9	<0.1	<0.05	4	<0.5	<0.2	<2
30113	Rock	4	6	1.12	371	0.250	<20	1.67	0.115	1.14	<0.1	<0.01	7.3	0.2	<0.05	6	<0.5	<0.2	<2
30109	Rock	4	6	0.85	403	0.186	<20	1.34	0.098	0.75	<0.1	<0.01	6.5	0.2	<0.05	5	<0.5	<0.2	2
30114	Rock	2	8	1.10	439	0.247	<20	1.68	0.120	1.16	<0.1	<0.01	6.1	0.2	<0.05	6	<0.5	<0.2	<2
30123	Rock	4	18	0.43	248	0.136	<20	1.19	0.092	0.53	<0.1	<0.01	2.6	0.1	0.05	4	0.6	<0.2	<2
30124	Rock	8	20	0.39	241	0.130	<20	0.99	0.084	0.46	<0.1	<0.01	5.1	0.1	0.06	4	1.6	<0.2	<2
30125	Rock	<1	6	0.14	87	0.043	<20	0.41	0.066	0.11	<0.1	<0.01	1.2	<0.1	<0.05	1	<0.5	<0.2	<2
30116	Rock	2	6	0.64	238	0.150	<20	1.05	0.089	0.60	<0.1	<0.01	4.6	<0.1	<0.05	4	<0.5	<0.2	<2
30117	Rock	1	6	0.29	139	0.072	<20	0.62	0.060	0.24	<0.1	<0.01	2.0	0.1	<0.05	3	<0.5	<0.2	48
30119	Rock	1	11	0.59	330	0.169	<20	1.47	0.045	0.70	0.1	<0.01	2.3	0.2	<0.05	3	0.6	<0.2	<2
30120	Rock	1	11	0.65	534	0.223	<20	1.62	0.064	0.94	0.1	<0.01	1.9	0.2	<0.05	3	<0.5	<0.2	<2
30121	Rock	1	11	0.71	698	0.265	<20	2.02	0.089	1.18	0.2	<0.01	2.4	0.3	<0.05	4	0.6	<0.2	<2
30122	Rock	1	9	1.00	787	0.317	<20	2.25	0.077	1.41	0.1	<0.01	3.5	0.3	<0.05	5	0.5	<0.2	<2
30128	Rock	3	13	0.50	164	0.131	<20	1.13	0.152	0.17	<0.1	<0.01	7.0	<0.1	<0.05	4	<0.5	<0.2	<2
30126	Rock	3	10	0.41	163	0.122	<20	1.07	0.117	0.27	<0.1	<0.01	5.5	<0.1	<0.05	4	0.6	<0.2	<2
30127	Rock	4	8	0.26	288	0.115	<20	0.82	0.120	0.11	<0.1	<0.01	5.6	<0.1	<0.05	3	0.9	<0.2	4
30115	Rock	1	7	0.68	247	0.165	<20	1.10	0.092	0.62	<0.1	<0.01	4.4	<0.1	<0.05	4	<0.5	<0.2	<2
30129	Rock	2	<1	0.46	125	0.132	<20	1.12	0.155	0.16	<0.1	<0.01	7.0	<0.1	<0.05	4	0.5	<0.2	4
30131	Rock	2	8	0.56	290	0.127	<20	1.44	0.161	0.22	<0.1	<0.01	6.9	<0.1	<0.05	4	0.6	<0.2	<2
30015	Rock Pulp	13	60	1.57	56	0.448	<20	1.52	0.571	0.32	<0.1	<0.01	0.3	<0.1	<0.05	5	<0.5	<0.2	<2
30016	Rock Pulp	10	44	1.22	44	0.356	<20	1.21	0.451	0.28	<0.1	<0.01	0.5	<0.1	<0.05	4	<0.5	<0.2	191
30132	Rock	3	18	0.63	255	0.141	<20	1.36	0.161	0.41	<0.1	<0.01	7.4	0.1	<0.05	5	0.8	<0.2	<2
30141	Rock	2	8	0.51	111	0.098	<20	0.95	0.114	0.24	<0.1	<0.01	5.5	<0.1	<0.05	4	0.6	<0.2	<2
30142	Rock	13	16	0.56	254	0.124	<20	1.14	0.113	0.52	<0.1	<0.01	7.2	0.2	<0.05	4	0.8	<0.2	<2
30133	Rock	2	10	0.28	101	0.060	<20	0.73	0.109	0.16	<0.1	<0.01	3.7	<0.1	<0.05	2	0.6	<0.2	<2
30134	Rock	1	15	0.23	112	0.034	<20	0.95	0.079	0.09	<0.1	<0.01	2.3	<0.1	<0.05	3	<0.5	<0.2	<2
30135	Rock	2	13	0.61	451	0.201	<20	2.05	0.153	0.76	<0.1	<0.01	3.7	0.2	<0.05	5	0.6	<0.2	<2
30136	Rock	2	10	0.36	106	0.075	<20	0.68	0.101	0.22	<0.1	<0.01	3.5	<0.1	<0.05	3	<0.5	<0.2	<2

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

Project: 50 Mile
Report Date: July 17, 2011

CERTIFICATE OF ANALYSIS WHI11000318.1

Method		WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
30137	Rock	2.44	0.3	39.2	2.6	35	<0.1	4.7	13.8	426	3.33	0.9	<0.5	0.9	8	<0.1	<0.1	<0.1	123	0.69	0.090
30138	Rock	2.15	0.6	13.2	2.1	22	<0.1	4.3	6.7	304	2.06	0.8	<0.5	1.2	12	<0.1	<0.1	<0.1	67	0.52	0.078
30139	Rock	2.33	0.2	22.7	4.1	19	<0.1	2.9	4.2	181	1.51	4.3	<0.5	0.8	13	<0.1	0.2	0.6	31	0.30	0.051
30140	Rock	2.18	0.2	18.5	2.9	22	<0.1	4.6	7.4	235	1.60	1.4	<0.5	0.2	10	<0.1	<0.1	<0.1	54	0.79	0.035
30145	Rock	2.79	0.9	24.6	2.8	44	<0.1	6.3	6.3	277	2.10	3.7	<0.5	3.9	15	<0.1	0.3	0.1	58	0.33	0.036
30146	Rock	2.31	1.6	23.9	3.8	47	<0.1	5.4	4.0	199	1.79	3.3	<0.5	5.1	20	<0.1	0.2	<0.1	34	0.06	0.023
30147	Rock	2.36	0.5	25.0	2.9	41	<0.1	5.6	4.5	235	2.07	1.1	<0.5	5.3	19	<0.1	<0.1	0.1	42	0.05	0.024
30143	Rock	1.98	0.8	30.4	2.2	54	0.1	6.0	7.2	252	2.54	6.3	<0.5	5.4	18	<0.1	0.4	0.2	73	0.09	0.028
30144	Rock	2.63	0.8	17.1	3.4	32	<0.1	6.0	4.5	188	1.49	5.3	<0.5	3.0	24	<0.1	0.4	<0.1	26	0.12	0.038
30148	Rock	2.72	0.2	8.2	3.5	20	<0.1	3.0	3.1	111	0.78	1.8	<0.5	1.2	20	<0.1	0.1	<0.1	15	0.06	0.009
30149	Rock	3.12	0.5	23.9	2.1	72	<0.1	10.2	8.9	486	3.53	3.6	<0.5	6.2	9	<0.1	0.1	0.1	117	0.11	0.035
30020	Rock Pulp	0.14	1.6	27.3	40.4	49	0.3	65.3	20.3	359	4.63	3.1	1015	1.7	116	0.2	0.2	0.2	36	0.51	0.087
30018	Rock Pulp	0.14	1.7	31.1	5.3	43	<0.1	91.8	24.6	435	3.19	1.2	<0.5	1.6	202	<0.1	<0.1	<0.1	52	0.57	0.116
30150	Rock	3.02	0.3	7.6	3.1	23	<0.1	3.4	3.6	152	0.93	2.0	<0.5	1.4	17	<0.1	0.2	<0.1	18	0.05	0.013
30151	Rock	2.73	0.3	14.5	3.4	54	<0.1	5.8	8.2	358	2.97	1.9	<0.5	6.2	7	<0.1	<0.1	<0.1	72	0.16	0.044
30164	Rock	2.37	0.5	17.7	13.5	28	<0.1	4.5	3.2	139	1.08	76.8	<0.5	6.7	14	0.1	0.7	0.7	22	0.10	0.017
30165	Rock	2.02	1.1	25.7	2.8	15	<0.1	8.5	7.0	123	1.43	120.1	<0.5	6.5	14	<0.1	0.4	0.2	24	0.13	0.027
30156	Rock	2.38	0.4	11.6	3.3	27	<0.1	3.6	3.7	169	1.32	4.5	<0.5	3.5	14	<0.1	0.2	<0.1	25	0.06	0.016
30157	Rock	2.42	0.5	20.0	5.8	53	<0.1	6.0	6.2	343	2.94	2.4	<0.5	5.8	14	<0.1	<0.1	0.2	82	0.10	0.037
30158	Rock	2.71	0.7	13.6	3.4	39	<0.1	5.4	6.1	296	2.31	1.7	<0.5	4.7	15	<0.1	0.1	<0.1	54	0.52	0.048
30152	Rock	2.35	0.2	6.2	3.4	11	<0.1	2.5	2.1	71	0.55	1.4	<0.5	0.9	26	<0.1	0.2	<0.1	8	0.06	0.007
30153	Rock	2.66	0.4	11.8	3.8	25	<0.1	4.2	4.2	189	1.36	2.0	<0.5	2.9	25	<0.1	0.2	1.9	28	0.35	0.027
30154	Rock	3.08	0.5	12.5	5.2	35	<0.1	5.8	3.5	199	1.41	2.4	<0.5	4.4	23	<0.1	0.1	0.1	15	0.09	0.019
30155	Rock	2.60	0.6	12.8	4.7	38	0.1	3.7	2.6	213	1.49	2.8	<0.5	5.7	16	<0.1	0.2	<0.1	19	0.09	0.018
30162	Rock	2.64	0.4	11.0	11.0	33	<0.1	4.3	2.9	171	1.44	4.7	<0.5	4.5	18	<0.1	0.2	0.1	23	0.12	0.016
30163	Rock	2.81	0.6	8.8	6.7	30	<0.1	10.1	6.5	183	1.51	14.1	0.8	6.8	24	0.1	0.2	0.6	32	0.22	0.030
30159	Rock	2.74	0.6	26.6	5.3	58	<0.1	5.7	6.8	353	2.91	2.3	<0.5	4.1	30	0.1	<0.1	0.1	74	0.34	0.044
30160	Rock	2.12	0.7	15.4	5.2	38	<0.1	4.0	3.4	221	1.76	2.3	<0.5	3.4	18	<0.1	<0.1	0.1	41	0.09	0.018
30161	Rock	2.36	0.6	8.2	15.3	29	0.1	2.8	1.8	102	0.86	1.7	<0.5	1.2	30	0.1	0.3	<0.1	17	0.09	0.009

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CERTIFICATE OF ANALYSIS WHI11000318.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	3B-50
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppb
	MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	2
30137	Rock	4	6	0.86	278	0.172	<20	1.40	0.138	0.65	<0.1	<0.01	7.3	<0.1	<0.05	5	<0.5	<0.2	<2
30138	Rock	2	13	0.47	240	0.136	<20	0.93	0.120	0.46	<0.1	<0.01	4.7	<0.1	<0.05	4	<0.5	<0.2	<2
30139	Rock	3	9	0.27	121	0.078	<20	0.58	0.097	0.20	<0.1	<0.01	2.7	<0.1	<0.05	3	<0.5	0.3	2
30140	Rock	<1	13	0.51	73	0.072	<20	0.90	0.143	0.14	<0.1	<0.01	5.2	<0.1	<0.05	3	<0.5	<0.2	<2
30145	Rock	7	20	0.57	338	0.115	<20	1.24	0.074	0.58	<0.1	<0.01	6.0	0.2	<0.05	5	<0.5	<0.2	<2
30146	Rock	9	20	0.48	292	0.122	<20	0.99	0.042	0.64	<0.1	<0.01	3.5	0.2	0.08	4	0.5	<0.2	<2
30147	Rock	9	24	0.51	302	0.124	<20	1.14	0.035	0.66	<0.1	<0.01	3.0	0.2	0.09	4	<0.5	<0.2	<2
30143	Rock	10	28	0.77	689	0.174	<20	1.49	0.050	0.96	<0.1	<0.01	7.7	0.3	0.06	5	0.6	0.2	<2
30144	Rock	5	18	0.27	226	0.068	<20	0.86	0.035	0.43	<0.1	<0.01	1.8	0.2	<0.05	3	<0.5	<0.2	<2
30148	Rock	3	14	0.18	186	0.058	<20	0.50	0.066	0.31	<0.1	<0.01	1.6	<0.1	<0.05	2	<0.5	<0.2	<2
30149	Rock	8	53	1.06	1477	0.255	<20	2.07	0.056	1.47	0.1	<0.01	11.8	0.3	<0.05	8	<0.5	<0.2	<2
30020	Rock Pulp	9	51	1.27	57	0.295	<20	1.19	0.543	0.35	<0.1	<0.01	0.6	0.4	2.62	4	0.6	<0.2	978
30018	Rock Pulp	12	62	1.60	52	0.482	<20	1.48	0.577	0.35	<0.1	<0.01	0.3	<0.1	<0.05	5	<0.5	<0.2	<2
30150	Rock	2	10	0.22	173	0.064	<20	0.57	0.064	0.32	<0.1	<0.01	1.8	<0.1	<0.05	3	<0.5	<0.2	2
30151	Rock	8	23	1.00	1940	0.235	<20	1.70	0.078	1.15	0.2	<0.01	9.5	0.2	<0.05	7	<0.5	<0.2	<2
30164	Rock	8	18	0.38	273	0.035	<20	0.71	0.055	0.25	<0.1	<0.01	3.2	0.2	<0.05	3	<0.5	0.4	<2
30165	Rock	7	17	0.39	259	0.017	<20	0.97	0.024	0.45	<0.1	<0.01	2.6	0.3	<0.05	3	<0.5	<0.2	2
30156	Rock	6	14	0.31	244	0.089	<20	0.75	0.063	0.43	<0.1	<0.01	3.1	0.1	<0.05	3	<0.5	<0.2	<2
30157	Rock	10	31	0.82	631	0.178	<20	1.95	0.066	1.01	<0.1	<0.01	9.0	0.3	<0.05	7	<0.5	<0.2	<2
30158	Rock	9	19	0.70	323	0.119	<20	1.56	0.130	0.66	<0.1	<0.01	6.1	0.2	<0.05	5	<0.5	<0.2	<2
30152	Rock	1	3	0.12	187	0.029	<20	0.47	0.106	0.20	<0.1	<0.01	1.0	<0.1	<0.05	2	<0.5	<0.2	<2
30153	Rock	7	12	0.33	224	0.064	<20	0.89	0.115	0.29	<0.1	<0.01	3.2	0.1	<0.05	3	<0.5	0.7	<2
30154	Rock	9	8	0.32	299	0.071	<20	0.97	0.052	0.48	<0.1	<0.01	2.4	0.2	<0.05	3	<0.5	<0.2	<2
30155	Rock	10	16	0.33	330	0.085	<20	1.00	0.067	0.50	<0.1	<0.01	3.2	0.2	<0.05	3	<0.5	<0.2	<2
30162	Rock	8	8	0.25	262	0.057	<20	0.86	0.071	0.30	<0.1	0.01	2.8	0.1	<0.05	3	<0.5	<0.2	<2
30163	Rock	9	18	0.56	251	0.056	<20	1.31	0.089	0.38	<0.1	<0.01	5.5	0.2	<0.05	5	<0.5	0.3	29
30159	Rock	8	19	0.79	727	0.187	<20	2.20	0.092	1.11	<0.1	<0.01	7.0	0.3	<0.05	6	<0.5	<0.2	<2
30160	Rock	6	22	0.45	338	0.105	<20	1.10	0.078	0.61	<0.1	<0.01	5.2	0.2	0.05	5	<0.5	<0.2	<2
30161	Rock	3	<1	0.15	308	0.042	<20	0.55	0.088	0.27	<0.1	0.02	1.3	0.1	<0.05	2	<0.5	<0.2	<2

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Report Date: July 17, 2011

QUALITY CONTROL REPORT WHI11000318.1

	Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
30002	Rock	0.18	<0.1	4.2	7.3	6	0.1	0.4	0.2	26	0.45	2.2	<0.5	0.6	9	<0.1	<0.1	0.5	<2	0.02	0.004
REP 30002	QC																				
30066	Rock	1.73	<0.1	2.3	1.8	15	<0.1	1.0	1.3	145	0.56	<0.5	0.7	2.8	27	<0.1	<0.1	<0.1	8	0.04	0.006
REP 30066	QC																				
30035	Rock Pulp	0.16	1.4	26.6	6.7	44	<0.1	85.2	21.4	432	3.30	0.7	<0.5	1.9	202	<0.1	<0.1	<0.1	60	0.59	0.116
REP 30035	QC		1.3	28.4	6.4	48	<0.1	84.0	21.4	438	3.29	0.6	<0.5	1.8	204	<0.1	<0.1	<0.1	56	0.58	0.116
30081	Rock	3.10	<0.1	16.9	4.9	25	<0.1	1.6	3.5	227	1.64	1.4	1.1	2.3	23	<0.1	0.1	0.1	29	0.13	0.018
REP 30081	QC																				
30087	Rock	4.17	<0.1	25.6	8.9	52	<0.1	2.8	9.5	558	3.10	1.9	4.1	1.4	18	<0.1	<0.1	0.2	72	0.57	0.042
REP 30087	QC		<0.1	26.1	8.5	53	<0.1	2.6	9.6	579	3.12	1.6	3.1	1.3	19	0.1	<0.1	0.3	72	0.57	0.043
30105	Rock	2.86	<0.1	17.8	3.8	43	<0.1	2.7	9.2	544	2.85	<0.5	31.9	1.6	19	<0.1	<0.1	0.2	65	0.35	0.041
REP 30105	QC		<0.1	17.4	3.7	44	<0.1	2.5	9.4	547	2.88	<0.5	3.0	1.5	19	<0.1	<0.1	0.2	66	0.37	0.039
REP 30113	QC		<0.1	24.2	3.8	60	<0.1	3.9	11.0	710	3.34	0.7	0.9	1.4	16	0.2	<0.1	<0.1	76	0.52	0.051
30115	Rock	3.48	<0.1	10.7	4.2	34	<0.1	2.8	7.4	472	2.17	<0.5	<0.5	0.4	22	<0.1	<0.1	<0.1	51	0.43	0.030
REP 30115	QC																				
30147	Rock	2.36	0.5	25.0	2.9	41	<0.1	5.6	4.5	235	2.07	1.1	<0.5	5.3	19	<0.1	<0.1	0.1	42	0.05	0.024
REP 30147	QC		0.5	25.6	3.2	43	<0.1	5.6	4.7	236	2.11	1.2	<0.5	5.1	19	<0.1	<0.1	0.1	43	0.06	0.026
30159	Rock	2.74	0.6	26.6	5.3	58	<0.1	5.7	6.8	353	2.91	2.3	<0.5	4.1	30	0.1	<0.1	0.1	74	0.34	0.044
REP 30159	QC		0.6	28.2	5.2	58	<0.1	5.9	7.1	371	2.88	2.2	<0.5	3.9	31	<0.1	<0.1	0.1	73	0.32	0.040
30160	Rock	2.12	0.7	15.4	5.2	38	<0.1	4.0	3.4	221	1.76	2.3	<0.5	3.4	18	<0.1	<0.1	0.1	41	0.09	0.018
REP 30160	QC																				
Core Reject Duplicates																					
30031	Rock	1.58	0.4	1749	35.4	171	2.9	22.1	27.8	1225	7.31	8.3	81.8	1.1	35	0.5	0.3	0.3	162	1.38	0.052
DUP 30031	QC		0.5	1781	38.5	173	3.1	22.6	29.7	1215	7.38	10.3	77.9	1.4	37	0.6	0.4	0.2	165	1.40	0.052
30080	Rock	2.73	0.1	9.8	5.3	13	<0.1	0.8	2.4	172	0.93	1.1	0.6	1.8	25	<0.1	0.1	<0.1	13	0.09	0.009
DUP 30080	QC		0.1	9.6	5.2	14	<0.1	0.8	2.5	168	0.90	1.0	<0.5	1.7	24	<0.1	0.1	<0.1	14	0.10	0.008
30113	Rock	1.97	<0.1	22.9	3.8	59	<0.1	3.3	10.3	635	3.26	<0.5	1.0	1.3	15	0.2	<0.1	<0.1	73	0.49	0.054
DUP 30113	QC		<0.1	25.8	3.9	63	<0.1	4.1	12.0	691	3.40	0.6	<0.5	1.5	16	0.2	<0.1	<0.1	77	0.49	0.053

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

Project: 50 Mile
Report Date: July 17, 2011

QUALITY CONTROL REPORT WHI11000318.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	3B-50
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppb
	MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	2
Pulp Duplicates																			
30002	Rock	1	<1	0.03	76	<0.001	<20	0.30	0.022	0.17	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2	<2
REP 30002	QC																		<2
30066	Rock	2	2	0.11	88	0.020	<20	0.34	0.085	0.17	<0.1	<0.01	0.6	<0.1	<0.05	2	<0.5	<0.2	<2
REP 30066	QC																		<2
30035	Rock Pulp	13	56	1.59	54	0.452	<20	1.44	0.565	0.36	<0.1	<0.01	0.4	<0.1	<0.05	6	<0.5	<0.2	<2
REP 30035	QC	13	57	1.64	54	0.430	<20	1.49	0.586	0.37	<0.1	<0.01	0.5	<0.1	<0.05	6	<0.5	<0.2	
30081	Rock	3	10	0.39	152	0.034	<20	0.78	0.106	0.36	<0.1	<0.01	2.8	0.1	<0.05	3	<0.5	<0.2	8
REP 30081	QC																		<2
30087	Rock	4	13	0.87	298	0.161	<20	1.51	0.117	0.66	<0.1	0.02	6.8	0.1	<0.05	5	0.8	<0.2	<2
REP 30087	QC	4	6	0.88	309	0.165	<20	1.53	0.119	0.68	<0.1	0.02	7.3	0.1	<0.05	6	0.6	<0.2	
30105	Rock	3	8	0.91	368	0.196	<20	1.40	0.104	0.88	<0.1	<0.01	6.3	0.2	<0.05	5	<0.5	<0.2	8
REP 30105	QC	4	8	0.92	375	0.198	<20	1.42	0.105	0.95	<0.1	<0.01	6.6	0.2	<0.05	5	<0.5	<0.2	
REP 30113	QC	4	7	1.13	355	0.258	<20	1.69	0.120	1.16	<0.1	<0.01	7.6	0.2	<0.05	6	<0.5	<0.2	
30115	Rock	1	7	0.68	247	0.165	<20	1.10	0.092	0.62	<0.1	<0.01	4.4	<0.1	<0.05	4	<0.5	<0.2	<2
REP 30115	QC																		<2
30147	Rock	9	24	0.51	302	0.124	<20	1.14	0.035	0.66	<0.1	<0.01	3.0	0.2	0.09	4	<0.5	<0.2	<2
REP 30147	QC	9	25	0.52	324	0.135	<20	1.17	0.035	0.68	<0.1	<0.01	3.1	0.3	0.09	4	<0.5	<0.2	
30159	Rock	8	19	0.79	727	0.187	<20	2.20	0.092	1.11	<0.1	<0.01	7.0	0.3	<0.05	6	<0.5	<0.2	<2
REP 30159	QC	8	20	0.80	702	0.175	<20	2.22	0.098	1.15	<0.1	<0.01	6.3	0.3	<0.05	6	<0.5	<0.2	
30160	Rock	6	22	0.45	338	0.105	<20	1.10	0.078	0.61	<0.1	<0.01	5.2	0.2	0.05	5	<0.5	<0.2	<2
REP 30160	QC																		<2
Core Reject Duplicates																			
30031	Rock	4	1	2.25	411	0.246	<20	3.76	0.004	0.17	0.5	0.01	8.5	<0.1	0.12	16	<0.5	<0.2	54
DUP 30031	QC	4	1	2.23	444	0.276	<20	3.77	0.005	0.19	0.6	0.01	8.8	<0.1	0.13	16	<0.5	<0.2	70
30080	Rock	2	2	0.18	95	0.025	<20	0.44	0.084	0.19	<0.1	<0.01	1.6	<0.1	<0.05	2	<0.5	<0.2	<2
DUP 30080	QC	2	2	0.19	96	0.027	<20	0.46	0.079	0.20	<0.1	<0.01	1.6	<0.1	<0.05	2	<0.5	<0.2	<2
30113	Rock	4	6	1.12	371	0.250	<20	1.67	0.115	1.14	<0.1	<0.01	7.3	0.2	<0.05	6	<0.5	<0.2	<2
DUP 30113	QC	4	7	1.17	404	0.277	<20	1.74	0.113	1.24	<0.1	<0.01	7.8	0.2	<0.05	6	<0.5	<0.2	<2

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Vancouver BC V6C 1H2 Canada

Project: 50 Mile
Report Date: July 17, 2011

QUALITY CONTROL REPORT WHI11000318.1

		WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
30144	Rock	2.63	0.8	17.1	3.4	32	<0.1	6.0	4.5	188	1.49	5.3	<0.5	3.0	24	<0.1	0.4	<0.1	26	0.12	0.038
DUP 30144	QC		0.8	16.5	3.4	32	<0.1	6.7	4.5	188	1.46	5.3	<0.5	2.8	27	<0.1	0.4	<0.1	26	0.13	0.039
Reference Materials																					
STD DS8	Standard		11.0	109.0	124.7	309	1.7	40.2	7.8	582	2.40	27.5	158.5	6.1	66	2.3	4.6	7.2	40	0.65	0.079
STD DS8	Standard		12.6	102.7	126.6	314	1.8	35.5	7.3	618	2.50	25.9	99.0	6.3	66	2.2	3.9	6.8	42	0.70	0.079
STD DS8	Standard		12.9	112.9	123.2	323	1.8	38.2	7.8	608	2.42	25.1	118.4	6.0	68	2.5	4.3	6.8	41	0.68	0.075
STD DS8	Standard		11.9	104.9	109.8	309	1.5	36.2	7.2	583	2.31	25.0	92.5	6.6	64	2.3	3.2	6.1	40	0.69	0.073
STD DS8	Standard		10.7	106.4	120.5	301	1.8	37.1	7.2	600	2.38	23.8	95.8	6.5	76	2.1	3.7	6.9	40	0.71	0.081
STD DS8	Standard		12.6	104.0	110.8	304	1.7	35.4	7.2	604	2.52	26.3	118.2	6.5	65	2.4	3.8	6.2	41	0.69	0.081
STD DS8	Standard		12.9	115.2	120.0	312	1.7	39.6	8.2	622	2.47	26.3	152.6	5.5	57	2.2	3.5	5.7	39	0.68	0.078
STD OREAS45CA	Standard		0.8	491.3	25.4	64	0.3	240.3	92.1	948	15.68	3.9	35.8	7.2	16	<0.1	0.1	0.2	204	0.42	0.039
STD OREAS45CA	Standard		0.8	507.6	21.9	63	0.3	250.3	84.9	936	16.22	3.2	41.6	7.3	16	0.1	0.1	0.2	204	0.39	0.042
STD OREAS45CA	Standard		0.8	469.3	19.4	68	0.3	232.5	89.4	850	14.60	1.3	33.0	6.8	15	<0.1	<0.1	0.2	198	0.40	0.042
STD OREAS45CA	Standard		0.6	476.0	18.7	63	0.2	239.8	89.5	917	14.43	3.7	47.5	6.5	15	<0.1	<0.1	0.2	197	0.39	0.039
STD OREAS45CA	Standard		0.6	439.1	19.6	57	0.2	225.9	85.7	864	14.14	2.3	40.1	6.3	15	<0.1	<0.1	0.2	192	0.39	0.041
STD OREAS45CA	Standard		0.9	501.3	18.2	64	0.3	244.4	92.6	931	15.78	3.6	33.3	6.4	16	0.2	<0.1	0.1	224	0.40	0.042
STD OREAS45CA	Standard		1.0	528.8	19.4	69	0.3	257.2	99.0	941	16.91	3.0	40.2	6.4	15	<0.1	<0.1	0.2	214	0.44	0.044
STD OXC88	Standard																				
STD OXC88	Standard																				
STD OXC88	Standard																				
STD OXC88	Standard																				
STD OXC88	Standard																				
STD OXC88	Standard																				
STD OXC88	Standard																				
STD OXC88	Standard																				
STD OXH82	Standard																				
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Vancouver BC V6C 1H2 Canada

Project: 50 Mile
Report Date: July 17, 2011

QUALITY CONTROL REPORT WHI11000318.1

		1DX La ppm 1	1DX Cr ppm 1	1DX Mg % 0.01	1DX Ba ppm 1	1DX Ti % 0.001	1DX B ppm 20	1DX Al % 0.01	1DX Na % 0.001	1DX K % 0.01	1DX W ppm 0.1	1DX Hg ppm 0.01	1DX Sc ppm 0.1	1DX Tl ppm 0.1	1DX S % 0.05	1DX Ga ppm 1	1DX Se ppm 0.5	1DX Te ppm 0.2	3B-50 Au ppb 2
30144	Rock	5	18	0.27	226	0.068	<20	0.86	0.035	0.43	<0.1	<0.01	1.8	0.2	<0.05	3	<0.5	<0.2	<2
DUP 30144	QC	4	18	0.27	224	0.064	<20	0.89	0.045	0.45	<0.1	<0.01	1.8	0.1	<0.05	3	<0.5	<0.2	<2
Reference Materials																			
STD DS8	Standard	11	113	0.58	270	0.106	<20	0.83	0.077	0.40	2.5	0.20	1.7	5.3	0.17	4	4.3	4.8	
STD DS8	Standard	13	111	0.61	274	0.116	<20	0.89	0.085	0.41	2.6	0.20	2.0	5.2	0.17	5	5.4	4.5	
STD DS8	Standard	14	117	0.59	285	0.115	<20	0.91	0.090	0.42	2.8	0.21	2.1	5.4	0.19	4	5.0	4.9	
STD DS8	Standard	14	102	0.57	275	0.108	<20	0.91	0.089	0.38	2.9	0.21	2.1	5.2	0.16	5	4.9	4.6	
STD DS8	Standard	14	106	0.59	300	0.112	<20	0.96	0.107	0.39	2.5	0.20	2.1	5.5	0.17	4	5.6	4.7	
STD DS8	Standard	14	111	0.60	301	0.097	<20	0.93	0.087	0.41	2.3	0.20	2.1	4.9	0.16	4	4.6	4.5	
STD DS8	Standard	12	124	0.60	274	0.104	<20	0.87	0.080	0.41	2.2	0.19	1.8	5.0	0.16	4	3.7	4.6	
STD OREAS45CA	Standard	15	713	0.14	170	0.135	<20	3.47	0.009	0.08	<0.1	0.02	36.5	<0.1	<0.05	19	<0.5	<0.2	
STD OREAS45CA	Standard	17	668	0.17	165	0.146	<20	3.73	0.009	0.07	<0.1	0.03	37.5	<0.1	<0.05	19	1.9	<0.2	
STD OREAS45CA	Standard	16	628	0.14	164	0.135	<20	3.29	0.008	0.07	<0.1	0.03	36.4	<0.1	0.06	18	<0.5	<0.2	
STD OREAS45CA	Standard	14	701	0.13	157	0.136	<20	3.67	0.008	0.07	<0.1	0.05	35.1	<0.1	<0.05	18	1.0	<0.2	
STD OREAS45CA	Standard	14	630	0.13	152	0.122	<20	3.59	0.008	0.07	<0.1	0.02	29.8	<0.1	<0.05	18	<0.5	<0.2	
STD OREAS45CA	Standard	16	749	0.14	162	0.123	<20	3.75	0.007	0.08	<0.1	0.02	37.0	<0.1	<0.05	18	0.7	<0.2	
STD OREAS45CA	Standard	15	822	0.14	164	0.139	<20	3.71	0.006	0.08	<0.1	0.03	34.2	<0.1	<0.05	18	<0.5	<0.2	
STD OXC88	Standard																		204
STD OXC88	Standard																		197
STD OXC88	Standard																		182
STD OXC88	Standard																		193
STD OXC88	Standard																		208
STD OXC88	Standard																		198
STD OXC88	Standard																		202
STD OXC88	Standard																		196
STD OXH82	Standard																		1251
STD OXH82	Standard																		1240
STD OXH82	Standard																		1198
STD OXH82	Standard																		1285

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Project: 50 Mile
Report Date: July 17, 2011

QUALITY CONTROL REPORT WHI11000318.1

		WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXC88 Expected																					
STD OXH82 Expected																					
STD DS8 Expected			13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	4.8	6.67	41.1	0.7	0.08
STD OREAS45CA Expected			1	494	20	60	0.275	240	92	943	15.69	3.8	43	7	15	0.1	0.13	0.19	215	0.4265	0.0385
BLK	Blank																				
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BLK	Blank																				
BLK	Blank																				
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank																				
BLK	Blank																				
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 50 Mile
Report Date: July 17, 2011

QUALITY CONTROL REPORT WHI11000318.1

		1DX La ppm 1	1DX Cr ppm 1	1DX Mg % 0.01	1DX Ba ppm 1	1DX Ti % 0.001	1DX B ppm 20	1DX Al % 0.01	1DX Na % 0.001	1DX K % 0.01	1DX W ppm 0.1	1DX Hg ppm 0.01	1DX Sc ppm 0.1	1DX Tl ppm 0.1	1DX S % 0.05	1DX Ga ppm 1	1DX Se ppm 0.5	1DX Te ppm 0.2	3B-50 Au ppb 2
STD OXH82	Standard																		1248
STD OXH82	Standard																		1306
STD OXH82	Standard																		1325
STD OXH82	Standard																		1333
STD OXC88 Expected																			203
STD OXH82 Expected																			1278
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5	
STD OREAS45CA Expected		15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		0.03	39.7	0.07	0.021	18.4	0.5		
BLK	Blank																		<2
BLK	Blank																		<2
BLK	Blank																		<2
BLK	Blank																		<2
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BLK	Blank																		<2
BLK	Blank																		<2
BLK	Blank																		<2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																		<2
BLK	Blank																		<2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	

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

Project: 50 Mile
Report Date: July 17, 2011

QUALITY CONTROL REPORT WHI11000318.1

		WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
Prep Wash																					
G1	Prep Blank	1.07	<0.1	2.2	3.9	51	<0.1	3.4	4.5	598	1.95	4.0	2.0	5.3	62	<0.1	<0.1	<0.1	37	0.48	0.083
G1	Prep Blank	1.23	<0.1	1.6	3.5	54	<0.1	3.9	4.5	560	2.01	<0.5	2.2	5.7	68	<0.1	<0.1	<0.1	38	0.49	0.084

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Vancouver BC V6C 1H2 Canada

Project: 50 Mile
Report Date: July 17, 2011

QUALITY CONTROL REPORT WHI11000318.1

		1DX La ppm 1	1DX Cr ppm 1	1DX Mg % 0.01	1DX Ba ppm 1	1DX Ti % 0.001	1DX B ppm 20	1DX Al % 0.01	1DX Na % 0.001	1DX K % 0.01	1DX W ppm 0.1	1DX Hg ppm 0.01	1DX Sc ppm 0.1	1DX Tl ppm 0.1	1DX S % 0.05	1DX Ga ppm 1	1DX Se ppm 0.5	1DX Te ppm 0.2	3B-50 Au ppb 2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
Prep Wash																			
G1	Prep Blank	9	6	0.59	223	0.138	<20	1.00	0.090	0.52	<0.1	<0.01	2.0	0.4	<0.05	5	<0.5	<0.2	<2
G1	Prep Blank	10	7	0.58	233	0.138	<20	1.05	0.106	0.56	<0.1	<0.01	1.9	0.3	<0.05	6	<0.5	<0.2	<2

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1020 Cordova St. East Vancouver BC V6A 4A3 Canada

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

Submitted By: Ian Gendall
Receiving Lab: Canada-Whitehorse
Received: June 27, 2011
Report Date: July 17, 2011
Page: 1 of 4

CERTIFICATE OF ANALYSIS WHI11000319.1

CLIENT JOB INFORMATION

Project: 50 Mile
Shipment ID: 50Mile-002
P.O. Number
Number of Samples: 76

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
DISP-RJT Dispose of Reject After 90 days

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	68	Crush, split and pulverize 250 g rock to 200 mesh			WHI
1DX1	76	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
3B01+3B04	76	Fire assay fusion Au by ICP-ES	50	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Hua Jin

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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

Project: 50 Mile
Report Date: July 17, 2011

CERTIFICATE OF ANALYSIS WHI11000319.1

Method		WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
30240	Rock Pulp	0.12	1.4	30.4	5.7	47	<0.1	91.1	22.9	439	3.22	<0.5	<0.5	1.8	205	<0.1	<0.1	<0.1	57	0.63	0.114
30241	Rock Pulp	0.14	1.7	25.2	44.9	49	0.3	64.0	18.2	358	4.57	2.3	953.0	1.9	116	0.2	0.2	0.3	38	0.52	0.093
30167	Rock	2.33	0.6	11.4	3.6	30	<0.1	3.9	2.2	173	1.40	1.8	<0.5	3.6	13	<0.1	0.1	0.1	25	0.08	0.017
30168	Rock	2.47	0.4	10.9	3.7	33	<0.1	3.5	2.6	250	1.52	1.9	<0.5	6.2	9	<0.1	<0.1	0.1	24	0.16	0.035
30169	Rock	3.77	0.4	13.3	4.2	20	<0.1	5.5	4.0	146	1.44	2.7	<0.5	6.2	44	<0.1	0.1	0.2	23	0.29	0.019
30170	Rock	2.41	0.2	10.5	6.1	21	<0.1	5.1	2.8	153	0.92	4.1	<0.5	1.6	35	<0.1	<0.1	0.1	17	0.12	0.016
30171	Rock	2.37	0.8	20.1	21.2	37	0.1	9.3	5.8	208	2.06	5.2	<0.5	5.9	62	0.2	0.2	0.3	44	0.29	0.022
30172	Rock	3.36	1.2	25.0	4.5	44	<0.1	10.2	5.8	265	2.47	3.8	<0.5	8.3	59	<0.1	0.1	0.2	49	0.27	0.033
30238	Rock Pulp	0.14	1.3	30.1	6.0	44	<0.1	88.0	22.6	456	3.22	0.6	<0.5	1.6	200	<0.1	<0.1	<0.1	57	0.64	0.112
30239	Rock Pulp	0.14	1.6	26.1	43.8	49	0.3	64.0	18.9	362	4.54	2.7	991.3	1.8	120	0.2	0.2	0.2	38	0.51	0.089
30173	Rock	3.46	0.7	19.7	3.4	52	<0.1	10.7	7.4	275	2.77	3.3	<0.5	5.6	45	<0.1	<0.1	0.2	75	0.45	0.038
30174	Rock	3.28	0.5	33.4	5.3	30	<0.1	7.0	7.3	246	2.23	5.6	<0.5	4.0	54	<0.1	0.2	0.2	54	0.77	0.033
30175	Rock	3.68	0.7	38.8	5.2	34	<0.1	17.7	9.9	344	2.87	8.9	<0.5	4.9	66	<0.1	0.2	0.8	109	0.64	0.029
30176	Rock	2.96	0.4	15.4	6.7	17	<0.1	5.7	3.2	115	0.90	3.8	<0.5	1.7	24	<0.1	0.1	0.1	18	0.10	0.013
30177	Rock	3.45	1.4	11.7	4.9	26	<0.1	11.2	6.1	210	1.64	5.1	1.1	7.5	34	<0.1	<0.1	0.1	36	0.24	0.020
30178	Rock	3.55	1.6	57.3	5.4	29	<0.1	14.7	8.5	343	2.80	6.8	<0.5	3.9	69	<0.1	0.2	0.1	89	0.96	0.046
30179	Rock	3.28	0.3	31.3	10.5	47	<0.1	10.9	8.9	406	2.84	3.7	<0.5	2.0	45	0.1	0.2	0.1	81	0.89	0.050
30180	Rock	4.22	0.3	29.8	7.4	42	<0.1	13.1	10.1	368	2.41	5.3	1.3	2.4	80	0.1	0.2	0.1	77	1.09	0.042
30181	Rock	4.35	0.2	21.5	10.4	44	<0.1	9.1	9.4	372	2.33	3.5	6.5	1.1	41	0.1	0.1	0.2	97	0.90	0.033
30182	Rock	4.74	0.2	31.1	29.0	90	0.1	10.5	9.3	483	3.09	3.2	12.8	0.8	40	0.3	0.2	0.3	91	0.79	0.042
30183	Rock	4.07	0.2	30.1	11.4	71	<0.1	15.7	9.9	589	3.39	4.0	3.4	0.5	58	0.2	0.2	0.1	132	1.45	0.044
30166	Rock	2.13	1.0	27.5	2.5	24	<0.1	15.3	8.7	189	1.99	93.2	0.8	6.5	17	0.1	0.4	0.3	37	0.17	0.050
30184	Rock	3.70	0.1	8.4	9.9	57	<0.1	11.1	7.6	488	3.02	2.6	3.3	0.4	45	0.1	0.2	0.1	108	1.29	0.060
30185	Rock	3.27	0.1	6.8	8.4	66	<0.1	13.0	3.9	560	3.01	3.6	7.9	1.4	46	0.2	0.2	0.1	136	0.76	0.043
30223	Rock	3.47	0.3	20.7	5.6	48	<0.1	12.3	9.6	375	2.83	5.7	3.0	1.5	32	<0.1	0.2	0.5	67	0.77	0.043
30186	Rock	3.38	<0.1	12.2	7.5	37	<0.1	8.6	10.7	401	2.54	3.1	6.3	0.2	43	0.1	0.2	0.1	79	1.48	0.044
30187	Rock	3.07	0.1	10.4	9.4	67	<0.1	12.9	9.9	554	2.99	4.0	7.3	1.3	61	0.2	0.2	0.2	114	1.29	0.038
30188	Rock	2.82	<0.1	9.5	5.9	41	<0.1	8.1	5.1	384	2.83	2.6	1.1	1.1	19	0.1	0.1	<0.1	88	0.64	0.049
30189	Rock	3.35	0.1	10.9	8.3	41	<0.1	11.6	6.3	351	2.72	2.3	0.6	1.0	24	0.1	0.1	0.1	87	0.55	0.035
30190	Rock	3.58	0.1	10.7	7.7	74	<0.1	12.0	6.0	588	2.78	3.2	14.0	0.5	67	0.2	0.1	<0.1	121	0.85	0.038

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Vancouver BC V6C 1H2 Canada

Project: 50 Mile
Report Date: July 17, 2011

CERTIFICATE OF ANALYSIS WHI11000319.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	3B-50
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppb
	MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	2
30240	Rock Pulp	12	58	1.59	53	0.433	<20	1.58	0.586	0.35	<0.1	<0.01	0.3	<0.1	<0.05	5	<0.5	<0.2	<2
30241	Rock Pulp	9	49	1.27	64	0.277	<20	1.23	0.534	0.35	<0.1	<0.01	0.6	0.5	2.69	4	<0.5	0.2	970
30167	Rock	7	14	0.29	287	0.075	<20	0.82	0.052	0.37	<0.1	<0.01	2.6	0.2	<0.05	3	<0.5	<0.2	<2
30168	Rock	10	14	0.37	220	0.087	<20	0.85	0.051	0.41	<0.1	<0.01	3.4	0.2	<0.05	4	<0.5	<0.2	<2
30169	Rock	9	17	0.35	187	0.055	<20	1.10	0.104	0.26	<0.1	<0.01	2.3	0.1	0.06	4	<0.5	<0.2	<2
30170	Rock	4	12	0.19	149	0.039	<20	0.63	0.061	0.23	<0.1	<0.01	2.1	<0.1	<0.05	2	<0.5	<0.2	<2
30171	Rock	9	20	0.58	284	0.081	<20	1.46	0.086	0.34	<0.1	<0.01	5.2	0.1	0.06	6	<0.5	<0.2	<2
30172	Rock	11	29	0.64	494	0.112	<20	1.70	0.081	0.65	<0.1	<0.01	3.9	0.2	0.05	5	0.9	0.2	<2
30238	Rock Pulp	12	61	1.60	51	0.455	<20	1.59	0.586	0.35	<0.1	<0.01	0.3	<0.1	<0.05	5	<0.5	<0.2	<2
30239	Rock Pulp	9	49	1.26	62	0.286	<20	1.23	0.535	0.35	<0.1	<0.01	0.6	0.5	2.66	4	0.8	<0.2	1001
30173	Rock	11	40	0.79	571	0.157	<20	2.20	0.143	0.90	<0.1	<0.01	6.1	0.3	<0.05	6	0.7	<0.2	2
30174	Rock	6	16	0.65	282	0.101	<20	2.03	0.163	0.53	<0.1	<0.01	5.0	0.2	<0.05	5	<0.5	<0.2	<2
30175	Rock	7	43	0.78	417	0.137	<20	2.05	0.151	0.55	<0.1	<0.01	8.6	0.3	0.06	8	<0.5	<0.2	<2
30176	Rock	4	15	0.16	128	0.036	<20	0.62	0.051	0.20	<0.1	<0.01	1.4	<0.1	<0.05	2	<0.5	<0.2	<2
30177	Rock	12	33	0.56	266	0.048	<20	1.44	0.082	0.33	<0.1	<0.01	3.9	0.2	<0.05	5	<0.5	<0.2	<2
30178	Rock	7	27	0.89	311	0.080	<20	2.33	0.165	0.55	<0.1	<0.01	8.0	0.4	<0.05	6	<0.5	<0.2	<2
30179	Rock	4	26	0.86	394	0.133	<20	2.01	0.152	0.48	<0.1	<0.01	5.9	0.2	<0.05	6	<0.5	<0.2	7
30180	Rock	5	17	1.01	243	0.094	<20	2.45	0.195	0.46	0.1	<0.01	6.1	0.3	<0.05	7	<0.5	<0.2	<2
30181	Rock	3	20	0.92	144	0.107	<20	1.75	0.172	0.36	<0.1	<0.01	8.1	0.2	<0.05	5	<0.5	<0.2	12
30182	Rock	6	14	1.01	182	0.095	<20	1.56	0.091	0.17	<0.1	<0.01	6.4	<0.1	<0.05	6	<0.5	<0.2	12
30183	Rock	3	20	1.38	198	0.136	<20	2.51	0.225	0.39	<0.1	<0.01	10.9	0.2	<0.05	7	<0.5	<0.2	5
30166	Rock	9	20	0.47	372	0.026	<20	1.36	0.024	0.56	<0.1	<0.01	2.6	0.6	<0.05	3	0.5	0.3	2
30184	Rock	4	19	0.93	102	0.111	<20	1.85	0.147	0.19	0.1	<0.01	9.1	0.1	<0.05	6	<0.5	<0.2	19
30185	Rock	4	16	1.18	100	0.099	<20	2.17	0.130	0.21	<0.1	<0.01	10.3	0.2	<0.05	8	<0.5	<0.2	16
30223	Rock	16	17	0.88	91	0.084	<20	1.36	0.083	0.17	<0.1	<0.01	5.9	0.1	<0.05	5	<0.5	<0.2	6
30186	Rock	2	11	0.69	100	0.090	<20	1.69	0.155	0.15	<0.1	<0.01	6.1	<0.1	<0.05	4	<0.5	<0.2	5
30187	Rock	5	21	1.15	120	0.110	<20	2.61	0.209	0.32	<0.1	<0.01	9.2	0.3	<0.05	7	<0.5	<0.2	14
30188	Rock	6	16	0.80	52	0.104	<20	1.19	0.108	0.12	<0.1	<0.01	7.4	<0.1	<0.05	5	<0.5	<0.2	9
30189	Rock	3	20	0.74	91	0.074	<20	1.43	0.086	0.20	<0.1	<0.01	6.1	<0.1	<0.05	5	<0.5	<0.2	<2
30190	Rock	4	15	1.01	91	0.111	<20	2.13	0.150	0.20	<0.1	<0.01	9.1	0.1	<0.05	7	<0.5	<0.2	<2

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

Project: 50 Mile
Report Date: July 17, 2011

CERTIFICATE OF ANALYSIS WHI11000319.1

Method		WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
30191	Rock	3.35	0.1	20.3	4.1	29	<0.1	5.2	8.6	336	2.35	1.4	<0.5	1.9	17	<0.1	0.1	<0.1	46	0.42	0.031
30192	Rock	2.87	<0.1	16.3	5.8	41	<0.1	8.8	5.8	410	3.46	2.0	<0.5	1.3	20	<0.1	0.2	<0.1	84	0.58	0.037
30236	Rock Pulp	0.14	1.3	31.3	5.3	45	<0.1	93.1	24.8	439	3.21	0.8	<0.5	1.7	204	<0.1	<0.1	<0.1	56	0.64	0.115
30237	Rock Pulp	0.14	1.5	22.4	46.7	47	0.3	60.5	17.7	363	4.59	2.9	877.1	2.0	119	0.3	0.3	0.3	38	0.52	0.083
30193	Rock	3.30	0.2	24.2	7.6	43	<0.1	8.8	7.6	501	3.33	5.2	3.3	1.5	60	0.1	0.3	1.1	72	0.70	0.039
30194	Rock	3.18	0.1	17.9	4.8	26	<0.1	5.0	6.0	328	1.72	2.3	6.6	0.9	46	<0.1	0.3	0.1	39	0.68	0.022
30195	Rock	4.38	0.2	22.5	7.8	57	<0.1	11.3	8.8	555	2.86	3.5	3.9	0.9	49	0.2	0.2	<0.1	116	1.18	0.042
30196	Rock	3.10	<0.1	14.3	6.0	29	<0.1	6.5	7.8	353	2.16	2.1	<0.5	1.5	34	<0.1	0.2	0.1	58	0.92	0.035
30210	Rock	3.38	0.2	16.9	26.4	49	0.3	10.2	5.7	441	3.53	6.9	2.3	0.7	33	0.2	0.4	1.3	100	0.83	0.050
30197	Rock	3.53	0.2	11.7	6.7	32	<0.1	9.3	5.6	342	2.40	2.4	<0.5	2.1	41	<0.1	0.2	0.1	71	0.81	0.029
30198	Rock	2.55	0.2	9.2	5.1	28	<0.1	6.7	5.3	338	2.44	2.1	4.7	2.9	27	<0.1	0.2	0.2	61	0.70	0.035
30199	Rock	2.81	0.2	24.2	5.3	31	<0.1	6.4	7.0	358	2.29	2.7	4.1	5.2	29	<0.1	0.2	0.1	49	0.65	0.031
30200	Rock	2.70	<0.1	10.3	8.5	44	<0.1	12.2	9.0	470	3.30	2.8	<0.5	0.8	47	<0.1	0.2	0.4	119	1.06	0.043
30207	Rock	4.05	0.3	9.3	6.1	26	0.1	6.6	5.9	224	2.96	4.7	1.7	3.0	27	0.2	0.2	0.5	69	0.62	0.027
30208	Rock	3.91	<0.1	17.1	10.0	51	<0.1	13.8	7.9	450	3.45	4.0	2.0	2.5	36	0.2	0.2	1.3	99	0.73	0.034
30209	Rock	3.18	0.2	14.3	31.6	51	0.2	7.0	7.7	368	3.27	3.9	1.0	1.8	25	0.1	0.4	1.0	80	0.70	0.055
30211	Rock	3.45	0.2	16.8	12.3	29	0.2	6.0	6.5	336	2.18	6.4	<0.5	0.9	15	<0.1	1.0	1.1	81	0.62	0.044
30212	Rock	3.20	0.2	12.3	9.3	36	<0.1	8.7	7.3	362	2.99	2.1	<0.5	0.4	41	<0.1	0.3	0.2	80	0.93	0.027
30213	Rock	3.06	0.1	12.5	38.3	61	0.4	11.0	8.9	426	4.47	5.6	1.6	0.8	41	0.2	0.4	1.8	128	0.79	0.039
30214	Rock	2.58	0.3	17.7	13.9	44	<0.1	8.3	10.0	372	4.38	6.3	13.6	4.9	24	0.2	0.2	2.2	101	0.33	0.031
30230	Rock	2.65	1.1	13.4	12.4	49	0.1	7.1	7.6	329	3.60	5.0	<0.5	3.0	17	<0.1	0.3	0.8	59	0.26	0.042
30231	Rock	3.02	0.3	12.1	8.8	52	0.1	9.4	4.8	368	3.12	4.8	<0.5	2.6	23	<0.1	0.8	0.6	56	0.31	0.024
30202	Rock	3.93	0.2	14.8	6.5	33	<0.1	9.0	8.1	411	2.47	1.8	265.9	2.1	28	0.1	0.1	0.1	76	0.81	0.033
30203	Rock	3.00	0.1	8.9	10.4	55	<0.1	18.6	10.0	562	5.45	3.8	3.3	1.6	49	0.2	0.2	0.2	163	1.22	0.057
30215	Rock	4.04	0.1	8.9	5.8	31	<0.1	4.3	5.5	295	1.95	3.9	<0.5	10.0	12	0.1	0.1	<0.1	40	0.29	0.025
30216	Rock	3.31	0.1	7.6	4.5	27	<0.1	1.8	3.8	221	1.51	1.8	<0.5	13.6	6	<0.1	<0.1	0.1	13	0.07	0.015
30217	Rock	3.60	1.2	35.4	8.6	41	<0.1	10.7	9.5	270	2.65	1.5	<0.5	4.6	120	<0.1	<0.1	<0.1	100	1.00	0.166
30218	Rock	2.60	0.2	11.6	5.7	43	<0.1	11.7	7.2	434	3.00	2.2	0.9	1.7	14	<0.1	0.1	0.4	118	0.28	0.032
30219	Rock	4.35	0.1	10.8	11.3	31	<0.1	7.4	6.0	280	2.34	2.3	6.6	0.4	63	0.2	0.2	0.2	62	1.01	0.045
30220	Rock	3.42	0.3	26.9	28.5	72	0.8	10.6	12.0	344	10.61	18.1	9.1	0.9	40	0.2	0.5	5.5	148	0.48	0.054

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

Project: 50 Mile
Report Date: July 17, 2011

CERTIFICATE OF ANALYSIS WHI11000319.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	3B-50
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppb
	MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	2
30191	Rock	7	19	0.42	82	0.115	<20	0.77	0.109	0.27	<0.1	<0.01	5.0	<0.1	<0.05	4	<0.5	<0.2	<2
30192	Rock	4	22	0.60	80	0.126	<20	1.12	0.101	0.21	0.1	<0.01	7.1	<0.1	<0.05	5	<0.5	<0.2	<2
30236	Rock Pulp	12	62	1.58	52	0.465	<20	1.59	0.591	0.35	<0.1	<0.01	0.3	<0.1	<0.05	6	<0.5	<0.2	<2
30237	Rock Pulp	10	47	1.28	65	0.290	<20	1.23	0.554	0.32	<0.1	0.01	0.7	0.5	2.62	5	<0.5	0.3	988
30193	Rock	6	17	0.83	143	0.127	<20	1.40	0.087	0.32	<0.1	<0.01	7.7	0.1	<0.05	6	<0.5	0.7	15
30194	Rock	3	12	0.38	101	0.102	<20	0.83	0.078	0.22	<0.1	<0.01	4.5	<0.1	<0.05	3	<0.5	<0.2	<2
30195	Rock	4	15	0.92	150	0.155	<20	1.97	0.206	0.41	<0.1	<0.01	9.6	0.3	<0.05	6	<0.5	<0.2	6
30196	Rock	4	9	0.60	122	0.100	<20	1.14	0.105	0.19	<0.1	<0.01	5.2	<0.1	<0.05	4	<0.5	<0.2	3
30210	Rock	7	13	0.92	92	0.068	<20	1.74	0.115	0.19	<0.1	<0.01	7.9	0.1	<0.05	7	<0.5	<0.2	7
30197	Rock	4	14	0.65	104	0.089	<20	1.60	0.145	0.18	<0.1	<0.01	5.6	<0.1	<0.05	5	<0.5	<0.2	2
30198	Rock	5	11	0.61	128	0.075	<20	1.24	0.080	0.18	<0.1	<0.01	5.2	<0.1	<0.05	5	<0.5	<0.2	9
30199	Rock	9	15	0.59	116	0.107	<20	1.12	0.092	0.26	<0.1	<0.01	5.1	0.2	<0.05	4	<0.5	<0.2	4
30200	Rock	4	17	0.89	99	0.114	<20	1.93	0.181	0.15	<0.1	<0.01	9.5	0.3	<0.05	6	<0.5	<0.2	4
30207	Rock	7	21	0.41	104	0.111	<20	0.94	0.089	0.12	<0.1	<0.01	5.7	<0.1	<0.05	3	<0.5	<0.2	3
30208	Rock	5	28	0.87	115	0.114	<20	1.53	0.096	0.14	<0.1	<0.01	6.5	0.1	<0.05	5	<0.5	0.9	3
30209	Rock	9	11	0.65	91	0.057	<20	1.30	0.094	0.20	<0.1	<0.01	6.5	0.1	0.07	5	<0.5	0.3	5
30211	Rock	13	9	0.67	44	0.053	<20	1.14	0.084	0.15	<0.1	<0.01	5.6	<0.1	<0.05	4	<0.5	<0.2	2
30212	Rock	2	16	0.73	67	0.096	<20	1.39	0.142	0.11	<0.1	<0.01	5.5	<0.1	<0.05	4	<0.5	<0.2	<2
30213	Rock	4	15	0.73	202	0.085	<20	1.64	0.110	0.17	<0.1	<0.01	6.9	0.1	<0.05	5	<0.5	<0.2	8
30214	Rock	11	17	0.67	135	0.089	<20	1.15	0.073	0.20	<0.1	<0.01	7.7	0.1	<0.05	5	<0.5	1.1	19
30230	Rock	13	12	0.43	169	0.025	<20	1.00	0.041	0.18	<0.1	<0.01	5.4	0.1	<0.05	3	<0.5	<0.2	3
30231	Rock	10	12	0.62	335	0.032	<20	1.23	0.066	0.19	<0.1	<0.01	4.3	0.1	<0.05	4	<0.5	<0.2	3
30202	Rock	6	16	0.73	74	0.085	<20	1.26	0.101	0.15	<0.1	<0.01	6.3	<0.1	<0.05	5	<0.5	<0.2	25
30203	Rock	6	24	1.16	141	0.115	<20	2.24	0.164	0.20	0.1	<0.01	11.6	<0.1	<0.05	8	<0.5	<0.2	33
30215	Rock	23	10	0.53	111	0.099	<20	1.05	0.062	0.34	<0.1	<0.01	3.8	0.2	<0.05	4	<0.5	<0.2	3
30216	Rock	17	7	0.38	131	0.074	<20	0.88	0.042	0.41	<0.1	<0.01	2.2	0.2	<0.05	3	<0.5	<0.2	<2
30217	Rock	17	31	0.89	213	0.152	<20	1.75	0.234	0.61	0.2	<0.01	2.7	0.2	<0.05	6	<0.5	<0.2	3
30218	Rock	11	22	1.01	63	0.047	<20	1.53	0.064	0.15	<0.1	<0.01	8.0	0.1	<0.05	7	<0.5	<0.2	6
30219	Rock	4	9	0.61	106	0.070	<20	1.52	0.141	0.15	<0.1	<0.01	3.8	<0.1	<0.05	4	<0.5	<0.2	3
30220	Rock	8	12	0.67	456	0.093	<20	1.17	0.045	0.13	<0.1	<0.01	7.4	<0.1	0.12	6	0.8	2.9	13

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Project: 50 Mile
Report Date: July 17, 2011

CERTIFICATE OF ANALYSIS WHI11000319.1

Method		WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
30221	Rock	2.95	0.1	29.1	8.6	47	<0.1	8.2	10.0	400	4.39	9.7	3.0	2.7	14	0.3	0.2	0.6	56	0.16	0.027
30222	Rock	2.88	0.2	17.2	4.8	36	<0.1	8.8	10.1	378	2.98	4.8	8.1	0.9	27	0.1	0.2	0.5	82	0.81	0.036
30224	Rock	3.04	0.1	13.2	8.1	41	<0.1	8.2	6.3	304	2.75	3.0	<0.5	0.8	19	<0.1	0.2	0.4	84	0.40	0.024
30225	Rock	3.51	0.2	20.4	12.6	58	<0.1	12.9	9.3	439	4.40	7.7	5.4	0.6	46	0.2	0.1	0.9	139	0.69	0.034
30234	Rock Pulp	0.14	1.1	27.4	6.0	43	<0.1	85.8	22.9	458	3.29	0.8	0.5	1.8	203	<0.1	<0.1	<0.1	59	0.65	0.113
30235	Rock Pulp	0.14	1.5	23.9	47.5	47	0.3	60.1	17.5	360	4.57	3.1	815.5	2.0	115	0.2	0.2	0.2	39	0.51	0.086
30226	Rock	3.18	0.4	15.8	115.3	48	1.3	4.2	4.2	167	2.03	21.1	6.5	2.2	12	0.1	1.5	2.4	33	0.26	0.032
30227	Rock	2.38	0.5	18.8	7.2	29	<0.1	6.5	7.0	244	2.52	5.5	24.6	2.6	25	<0.1	0.3	0.6	55	0.34	0.036
30228	Rock	3.00	0.4	15.2	4.7	36	<0.1	6.4	7.1	262	3.03	2.3	3.4	2.4	16	<0.1	0.1	0.4	59	0.47	0.031
30201	Rock	2.61	0.1	40.7	11.9	44	<0.1	10.4	9.0	415	3.14	2.3	16.7	1.5	36	0.1	0.2	0.6	83	0.77	0.041
30229	Rock	3.39	1.4	11.2	4.3	32	<0.1	7.5	6.3	294	2.90	3.0	1.8	2.0	21	<0.1	0.3	0.5	81	0.36	0.032
30232	Rock	2.80	1.6	9.7	14.8	36	<0.1	3.6	5.0	164	2.46	2.5	187.2	5.7	17	<0.1	0.1	0.9	30	0.07	0.036
30233	Rock	3.01	0.7	8.9	17.1	24	0.1	3.6	4.3	154	2.39	2.3	23.3	3.8	18	<0.1	0.2	1.1	32	0.05	0.024
30204	Rock	3.38	0.2	11.7	6.2	46	<0.1	12.9	6.9	513	3.41	2.2	3.1	1.4	24	<0.1	0.1	0.5	122	0.52	0.037
30205	Rock	3.48	0.8	16.1	6.7	59	<0.1	15.3	8.4	498	3.95	3.2	1.9	1.3	35	0.1	0.2	0.1	141	0.83	0.033
30206	Rock	3.81	0.2	13.3	8.9	42	0.1	12.6	6.4	350	4.29	3.9	1.3	1.8	51	<0.1	0.2	0.6	120	0.87	0.033

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Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 50 Mile
Report Date: July 17, 2011

CERTIFICATE OF ANALYSIS WHI11000319.1

Method		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	3B-50
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppb
MDL		1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	2
30221	Rock	9	13	0.49	89	0.121	<20	0.84	0.049	0.19	<0.1	<0.01	5.6	0.2	<0.05	4	<0.5	<0.2	5
30222	Rock	4	12	0.84	62	0.080	<20	1.25	0.093	0.12	<0.1	<0.01	5.5	<0.1	<0.05	4	<0.5	<0.2	13
30224	Rock	14	14	0.92	65	0.050	<20	1.34	0.063	0.12	<0.1	<0.01	6.6	<0.1	<0.05	6	0.7	<0.2	3
30225	Rock	13	16	1.20	182	0.093	<20	2.02	0.108	0.16	<0.1	<0.01	10.3	0.1	<0.05	8	<0.5	0.2	14
30234	Rock Pulp	12	58	1.66	51	0.447	<20	1.62	0.617	0.34	<0.1	<0.01	0.5	<0.1	<0.05	6	<0.5	<0.2	<2
30235	Rock Pulp	10	46	1.27	60	0.286	<20	1.22	0.544	0.34	<0.1	<0.01	0.7	0.5	2.62	5	<0.5	<0.2	1006
30226	Rock	4	5	0.27	73	0.020	<20	0.71	0.034	0.29	<0.1	<0.01	3.1	0.2	<0.05	2	<0.5	<0.2	8
30227	Rock	10	14	0.38	249	0.047	<20	0.89	0.065	0.15	<0.1	0.01	4.7	0.1	<0.05	3	<0.5	<0.2	53
30228	Rock	8	10	0.46	115	0.051	<20	0.91	0.075	0.16	<0.1	<0.01	5.3	<0.1	<0.05	3	<0.5	<0.2	3
30201	Rock	6	19	0.73	119	0.103	<20	1.41	0.079	0.20	<0.1	<0.01	6.5	<0.1	<0.05	5	<0.5	<0.2	53
30229	Rock	10	15	0.53	605	0.050	<20	0.91	0.066	0.16	<0.1	<0.01	7.2	0.1	<0.05	3	<0.5	<0.2	2
30232	Rock	13	8	0.26	490	0.015	<20	0.66	0.035	0.24	<0.1	<0.01	3.3	0.2	0.05	3	<0.5	0.2	37
30233	Rock	9	10	0.22	438	0.011	<20	0.56	0.053	0.18	<0.1	<0.01	3.4	0.1	0.09	2	<0.5	<0.2	18
30204	Rock	32	18	1.16	98	0.062	<20	1.78	0.076	0.13	<0.1	<0.01	9.7	<0.1	<0.05	8	<0.5	<0.2	7
30205	Rock	17	20	1.23	119	0.122	<20	2.00	0.120	0.22	<0.1	<0.01	10.8	0.2	<0.05	8	<0.5	<0.2	74
30206	Rock	4	22	0.72	144	0.145	<20	1.79	0.174	0.18	<0.1	<0.01	8.0	0.1	<0.05	6	<0.5	<0.2	2

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

Project: 50 Mile
Report Date: July 17, 2011

QUALITY CONTROL REPORT WHI11000319.1

	Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
30167	Rock	2.33	0.6	11.4	3.6	30	<0.1	3.9	2.2	173	1.40	1.8	<0.5	3.6	13	<0.1	0.1	0.1	25	0.08	0.017
REP 30167	QC																				
30181	Rock	4.35	0.2	21.5	10.4	44	<0.1	9.1	9.4	372	2.33	3.5	6.5	1.1	41	0.1	0.1	0.2	97	0.90	0.033
REP 30181	QC		0.3	20.9	11.2	44	<0.1	8.7	9.3	368	2.34	3.1	4.0	1.1	42	<0.1	0.1	0.2	97	0.90	0.034
30225	Rock	3.51	0.2	20.4	12.6	58	<0.1	12.9	9.3	439	4.40	7.7	5.4	0.6	46	0.2	0.1	0.9	139	0.69	0.034
REP 30225	QC		0.2	19.7	11.9	57	<0.1	12.3	9.2	436	4.43	7.4	8.0	0.6	45	0.1	0.1	0.9	141	0.69	0.036
30206	Rock	3.81	0.2	13.3	8.9	42	0.1	12.6	6.4	350	4.29	3.9	1.3	1.8	51	<0.1	0.2	0.6	120	0.87	0.033
REP 30206	QC																				
Core Reject Duplicates																					
30182	Rock	4.74	0.2	31.1	29.0	90	0.1	10.5	9.3	483	3.09	3.2	12.8	0.8	40	0.3	0.2	0.3	91	0.79	0.042
DUP 30182	QC		0.2	31.1	28.5	87	<0.1	11.0	10.2	491	3.19	3.2	7.3	0.9	42	0.3	0.3	0.3	95	0.89	0.044
30215	Rock	4.04	0.1	8.9	5.8	31	<0.1	4.3	5.5	295	1.95	3.9	<0.5	10.0	12	0.1	0.1	<0.1	40	0.29	0.025
DUP 30215	QC		0.1	8.7	5.9	31	<0.1	4.8	5.4	287	1.92	3.8	<0.5	10.3	12	0.1	0.1	<0.1	39	0.30	0.024
Reference Materials																					
STD DS8	Standard		13.5	108.1	132.5	315	1.7	37.9	7.5	617	2.50	26.9	106.6	7.0	65	2.4	4.3	6.3	43	0.71	0.080
STD DS8	Standard		12.8	105.7	122.1	299	1.6	36.4	7.4	594	2.39	24.8	120.9	6.7	65	2.4	4.5	6.4	41	0.68	0.078
STD DS8	Standard		13.9	121.5	120.0	326	1.6	42.0	8.2	596	2.48	26.7	95.1	5.9	62	2.5	4.0	5.9	43	0.72	0.081
STD OREAS45CA	Standard		0.8	530.4	22.2	63	0.3	260.2	94.7	968	14.91	3.8	34.8	7.1	16	0.1	0.1	0.2	221	0.42	0.042
STD OREAS45CA	Standard		0.9	509.0	19.6	63	0.2	246.3	89.5	927	14.91	3.3	37.2	6.6	15	0.1	0.1	0.2	215	0.40	0.041
STD OREAS45CA	Standard		0.8	511.9	18.4	65	0.2	253.1	94.3	904	16.30	3.0	42.4	5.8	14	0.1	<0.1	0.1	210	0.42	0.040
STD OXC88	Standard																				
STD OXC88	Standard																				
STD OXC88	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXC88 Expected																					

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

Project: 50 Mile
Report Date: July 17, 2011

QUALITY CONTROL REPORT WHI11000319.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	3B-50
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppb
	MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	2
Pulp Duplicates																			
30167	Rock	7	14	0.29	287	0.075	<20	0.82	0.052	0.37	<0.1	<0.01	2.6	0.2	<0.05	3	<0.5	<0.2	<2
REP 30167	QC																		<2
30181	Rock	3	20	0.92	144	0.107	<20	1.75	0.172	0.36	<0.1	<0.01	8.1	0.2	<0.05	5	<0.5	<0.2	12
REP 30181	QC	3	21	0.92	145	0.108	<20	1.75	0.171	0.36	<0.1	<0.01	8.1	0.2	<0.05	5	<0.5	<0.2	
30225	Rock	13	16	1.20	182	0.093	<20	2.02	0.108	0.16	<0.1	<0.01	10.3	0.1	<0.05	8	<0.5	0.2	14
REP 30225	QC	13	16	1.22	186	0.090	<20	2.04	0.108	0.16	<0.1	<0.01	9.9	0.1	0.05	8	<0.5	0.3	
30206	Rock	4	22	0.72	144	0.145	<20	1.79	0.174	0.18	<0.1	<0.01	8.0	0.1	<0.05	6	<0.5	<0.2	2
REP 30206	QC																		3
Core Reject Duplicates																			
30182	Rock	6	14	1.01	182	0.095	<20	1.56	0.091	0.17	<0.1	<0.01	6.4	<0.1	<0.05	6	<0.5	<0.2	12
DUP 30182	QC	6	15	1.05	195	0.107	<20	1.66	0.108	0.19	<0.1	<0.01	7.0	<0.1	<0.05	5	<0.5	<0.2	32
30215	Rock	23	10	0.53	111	0.099	<20	1.05	0.062	0.34	<0.1	<0.01	3.8	0.2	<0.05	4	<0.5	<0.2	3
DUP 30215	QC	23	10	0.52	109	0.102	<20	1.02	0.057	0.34	<0.1	<0.01	3.9	0.2	<0.05	4	<0.5	<0.2	5
Reference Materials																			
STD DS8	Standard	14	116	0.62	306	0.114	<20	0.92	0.088	0.41	2.8	0.20	2.0	5.8	0.17	5	4.8	5.8	
STD DS8	Standard	14	119	0.58	296	0.112	<20	0.90	0.085	0.41	2.3	0.20	2.0	5.6	0.17	5	4.5	4.9	
STD DS8	Standard	14	120	0.60	284	0.113	<20	0.92	0.090	0.41	2.0	0.23	1.9	5.2	0.17	5	5.3	4.8	
STD OREAS45CA	Standard	16	725	0.14	166	0.140	<20	3.75	0.010	0.07	<0.1	0.03	36.2	<0.1	<0.05	20	<0.5	<0.2	
STD OREAS45CA	Standard	15	756	0.13	167	0.124	<20	3.47	0.007	0.07	<0.1	0.03	33.8	<0.1	<0.05	17	0.7	<0.2	
STD OREAS45CA	Standard	14	809	0.13	149	0.140	<20	3.65	0.007	0.07	<0.1	0.03	34.6	<0.1	<0.05	18	0.6	<0.2	
STD OXC88	Standard																		205
STD OXC88	Standard																		196
STD OXC88	Standard																		206
STD OXH82	Standard																		1349
STD OXH82	Standard																		1330
STD OXH82	Standard																		1317
STD OXH82	Standard																		1264
STD OXC88 Expected																			203

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

Project: 50 Mile
Report Date: July 17, 2011

QUALITY CONTROL REPORT WHI11000319.1

		WGHT Wgt kg 0.01	1DX Mo ppm 0.1	1DX Cu ppm 0.1	1DX Pb ppm 0.1	1DX Zn ppm 1	1DX Ag ppm 0.1	1DX Ni ppm 0.1	1DX Co ppm 0.1	1DX Mn ppm 1	1DX Fe % 0.01	1DX As ppm 0.5	1DX Au ppb 0.5	1DX Th ppm 0.1	1DX Sr ppm 1	1DX Cd ppm 0.1	1DX Sb ppm 0.1	1DX Bi ppm 0.1	1DX V ppm 2	1DX Ca % 0.01	1DX P % 0.001
STD OXH82 Expected																					
STD DS8 Expected			13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	4.8	6.67	41.1	0.7	0.08
STD OREAS45CA Expected			1	494	20	60	0.275	240	92	943	15.69	3.8	43	7	15	0.1	0.13	0.19	215	0.4265	0.0385
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
Prep Wash																					
G1	Prep Blank		0.1	1.8	2.9	51	<0.1	3.6	4.5	565	1.93	<0.5	<0.5	5.2	63	<0.1	<0.1	<0.1	38	0.51	0.083
G1	Prep Blank		<0.1	1.8	2.8	50	<0.1	3.7	4.4	583	1.96	<0.5	<0.5	5.1	60	<0.1	<0.1	<0.1	38	0.51	0.086

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Vancouver BC V6C 1H2 Canada

Project: 50 Mile
Report Date: July 17, 2011

QUALITY CONTROL REPORT WHI11000319.1

		1DX La ppm 1	1DX Cr ppm 1	1DX Mg % 0.01	1DX Ba ppm 1	1DX Ti % 0.001	1DX B ppm 20	1DX Al % 0.01	1DX Na % 0.001	1DX K % 0.01	1DX W ppm 0.1	1DX Hg ppm 0.01	1DX Sc ppm 0.1	1DX Tl ppm 0.1	1DX S % 0.05	1DX Ga ppm 1	1DX Se ppm 0.5	1DX Te ppm 0.2	3B-50 Au ppb 2
STD OXH82 Expected																			1278
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5	
STD OREAS45CA Expected		15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		0.03	39.7	0.07	0.021	18.4	0.5		
BLK	Blank																		<2
BLK	Blank																		<2
BLK	Blank																		<2
BLK	Blank																		<2
BLK	Blank																		<2
BLK	Blank																		<2
BLK	Blank																		<2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
Prep Wash																			
G1	Prep Blank	8	11	0.59	224	0.122	<20	1.01	0.084	0.48	<0.1	<0.01	1.9	0.3	<0.05	5	<0.5	<0.2	<2
G1	Prep Blank	9	11	0.59	221	0.120	<20	1.00	0.080	0.48	<0.1	<0.01	1.7	0.3	<0.05	5	<0.5	<0.2	<2

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

Submitted By: Ian Gendall
Receiving Lab: Canada-Whitehorse
Received: July 01, 2011
Report Date: July 18, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI11000381.1

CLIENT JOB INFORMATION

Project: 50 Mile
Shipment ID: 50MILE-003
P.O. Number
Number of Samples: 7

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
DISP-RJT Dispose of Reject After 90 days

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	5	Crush, split and pulverize 250 g rock to 200 mesh			WHI
3B01+3B04	7	Fire assay fusion Au by ICP-ES	50	Completed	VAN
1DX1	7	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Hua Jin

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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

Project: 50 Mile
Report Date: July 18, 2011

CERTIFICATE OF ANALYSIS WHI11000381.1

Method		WGHT	3B-50	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
30501	Rock	2.56	<2	0.1	2.9	7.2	18	<0.1	5.0	20.0	261	1.31	1.6	<0.5	4.0	109	<0.1	0.1	0.1	19	1.22
30502	Rock	3.18	3	0.2	2.4	10.9	40	0.3	0.7	1.3	64	0.60	6.2	<0.5	0.7	23	<0.1	0.2	0.3	2	0.06
30503	Rock	2.66	<2	<0.1	43.2	6.3	48	<0.1	4.6	8.7	385	3.61	3.0	0.9	2.0	68	0.1	0.3	0.3	62	0.72
30504	Rock	2.45	<2	0.3	9.0	3.0	14	<0.1	2.0	1.3	170	1.07	1.0	0.6	0.6	26	<0.1	0.2	<0.1	11	0.12
30505	Rock	2.52	<2	<0.1	17.3	7.5	37	<0.1	4.3	8.7	156	1.65	4.9	<0.5	1.7	34	<0.1	<0.1	0.4	4	0.16
30506	Rock Pulp	0.12	1033	1.5	22.6	44.2	44	0.3	59.4	17.6	359	4.38	2.7	927.3	1.8	125	0.3	0.2	0.3	37	0.51
30507	Rock Pulp	0.23	1012	1.5	23.1	43.1	45	0.2	61.4	16.9	354	4.37	2.7	888.8	1.8	124	0.1	0.2	0.3	37	0.51

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

Project: 50 Mile
Report Date: July 18, 2011

CERTIFICATE OF ANALYSIS WHI11000381.1

Method		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
30501	Rock	0.020	3	6	0.75	160	0.034	<20	2.96	0.345	0.24	<0.1	0.02	1.7	<0.1	0.12	5	<0.5	<0.2
30502	Rock	0.008	1	<1	0.09	156	0.010	<20	0.39	0.045	0.12	<0.1	<0.01	0.2	<0.1	<0.05	1	0.6	0.4
30503	Rock	0.026	3	7	1.01	482	0.121	<20	2.48	0.189	0.56	<0.1	<0.01	6.9	0.4	0.18	9	<0.5	<0.2
30504	Rock	0.015	<1	2	0.17	103	0.022	<20	0.49	0.063	0.09	<0.1	<0.01	0.5	<0.1	<0.05	3	<0.5	<0.2
30505	Rock	0.016	2	2	0.55	585	0.001	<20	1.74	0.071	0.18	<0.1	<0.01	0.5	<0.1	0.11	3	<0.5	<0.2
30506	Rock Pulp	0.078	9	44	1.28	56	0.283	<20	1.18	0.518	0.33	<0.1	<0.01	0.5	0.5	2.74	4	<0.5	<0.2
30507	Rock Pulp	0.079	9	45	1.26	62	0.285	<20	1.17	0.510	0.32	<0.1	<0.01	0.6	0.5	2.64	4	<0.5	<0.2

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Project: 50 Mile
Report Date: July 18, 2011

QUALITY CONTROL REPORT WHI11000381.1

	Method	WGHT	3B-50	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
30505	Rock	2.52	<2	<0.1	17.3	7.5	37	<0.1	4.3	8.7	156	1.65	4.9	<0.5	1.7	34	<0.1	<0.1	0.4	4	0.16
REP 30505	QC			0.1	17.0	6.9	35	<0.1	3.8	8.5	156	1.60	4.7	2.2	1.7	33	<0.1	<0.1	0.3	4	0.17
Reference Materials																					
STD DS8	Standard			14.0	110.2	131.2	327	1.9	40.6	7.8	638	2.62	26.9	108.5	6.5	77	2.6	4.4	7.0	40	0.73
STD OREAS45CA	Standard			0.9	495.3	19.1	61	0.2	225.6	85.5	860	14.27	3.1	36.6	6.1	16	<0.1	<0.1	0.2	193	0.38
STD OXC88	Standard		213																		
STD OXH82	Standard		1322																		
STD OXC88 Expected			203																		
STD OXH82 Expected			1278																		
STD DS8 Expected				13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	4.8	6.67	41.1	0.7
STD OREAS45CA Expected				1	494	20	60	0.275	240	92	943	15.69	3.8	43	7	15	0.1	0.13	0.19	215	0.4265
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
Prep Wash																					
G1	Prep Blank		<2	<0.1	2.4	3.1	53	<0.1	4.6	5.0	626	2.21	<0.5	0.8	6.5	72	<0.1	<0.1	<0.1	43	0.54

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Project: 50 Mile
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QUALITY CONTROL REPORT WHI11000381.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																			
30505	Rock	0.016	2	2	0.55	585	0.001	<20	1.74	0.071	0.18	<0.1	<0.01	0.5	<0.1	0.11	3	<0.5	<0.2
REP 30505	QC	0.016	2	1	0.55	543	0.001	<20	1.77	0.073	0.17	<0.1	<0.01	0.6	<0.1	0.10	3	<0.5	<0.2
Reference Materials																			
STD DS8	Standard	0.082	15	118	0.63	316	0.119	<20	0.92	0.086	0.43	2.6	0.19	1.9	5.4	0.16	5	5.4	5.5
STD OREAS45CA	Standard	0.036	14	652	0.13	160	0.137	<20	3.50	0.013	0.07	<0.1	0.04	33.7	<0.1	<0.05	17	<0.5	<0.2
STD OXC88	Standard																		
STD OXH82	Standard																		
STD OXC88 Expected																			
STD OXH82 Expected																			
STD DS8 Expected		0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
STD OREAS45CA Expected		0.0385	15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		0.03	39.7	0.07	0.021	18.4	0.5	
BLK	Blank																		
BLK	Blank																		
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																			
G1	Prep Blank	0.089	13	7	0.63	239	0.146	<20	1.12	0.103	0.56	<0.1	<0.01	1.9	0.4	<0.05	6	<0.5	<0.2

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