Flume Property Assessment Report 2011

Yukon Territory, Canada

Work Performed October 11th-16th, 2011

Ryan Gold Corp.
#600 – 666 Burrard Street
Vancouver BC
V6C 2X8

Prepared by,

Dan Lake B.Sc., G.I.T.
Chris Paul

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1: Introduction

Ryan Gold Corp. contracted Groundtruth Exploration to conduct a field program on the Flume property from October 11th to October 16th 2011. It consisted of a total of 48 man-days and 1510 soil samples were collected on 34 of the 233 claims.

The focus of this program was to provide additional information and resolution to the previous soil sampling done by Caracle Creek International Consulting (CCIC) in 2010. This sampling was focused on the previously discovered "southern anomaly." The sampling was conducted on a tighter spaced grid resulting in better definition of the gold and pathfinder element trends.

2: Property Description and Location

2.1 Location

The Flume Property covers the headwaters of Ten-Mile and Sestak Creeks approximately 8 km's west of the Yukon River and 75 km south of Dawson City. The Property is in the Dawson Mining District and the centre of the Property is located at 63°29'N Latitude and 140°03' Longitude on NTS map sheets 115N08, 115N09, 115O05 and 115O12.

2.2 Description and Ownership

The Flume Property is a contiguous block of 191 Quartz Mining Claims covering 3,638 hectares. These claims are 100% owned by Phelps Dodge Corporation of Canada Ltd. and are under option by Valley High Ventures Ltd. (now Bearing Resources Ltd.) and Ryan Gold Corp. Ryan Gold has the option to earn in 75% on the property through a series of stage payments, issuance of shares and completion of qualified exploration expenditure over a seven-year period.


145°0'0"W
140°0'0"W
135°0'0"W
130°0'0"W
125°0'0"W
120°0'0"W
70°0'0"N
65°0'0"N
60°0'0"N
Arctic Ocean
Inuvik
Old Crow
ALASKA
Great Bear Lake
YUKON TERRITORY
NORTH WEST TERRITORIES
Fiume Property
Dawson City
Keno Hill
Mayo
Stewart Crossing
Pelly Crossing
Minto
Beaver Creek
Carmacks
Faro
Ross River
Aishihik
Burwash Landing
Destruction Bay
Frances Lake
Haines Junction
Whitehorse
Johnsons Crossings
Dezadeash
Carcross
Rancheria
Watson Lake
Pacific Ocean
BRITISH COLUMBIA
Legend:
Fiume Project Location
Populated Places
Highways
Lakes/Rivers
Ocean/Sea
Valdez Gold Inc.
Fiume Project, Yukon, Canada.
Scale
0 20 40 60 80 100
RYAN GOLD CORP
Location Map, Figure 1
Fiume Project, Yukon, Canada.
Scale: 1:750,000
Caracle Creek International Consulting Inc.

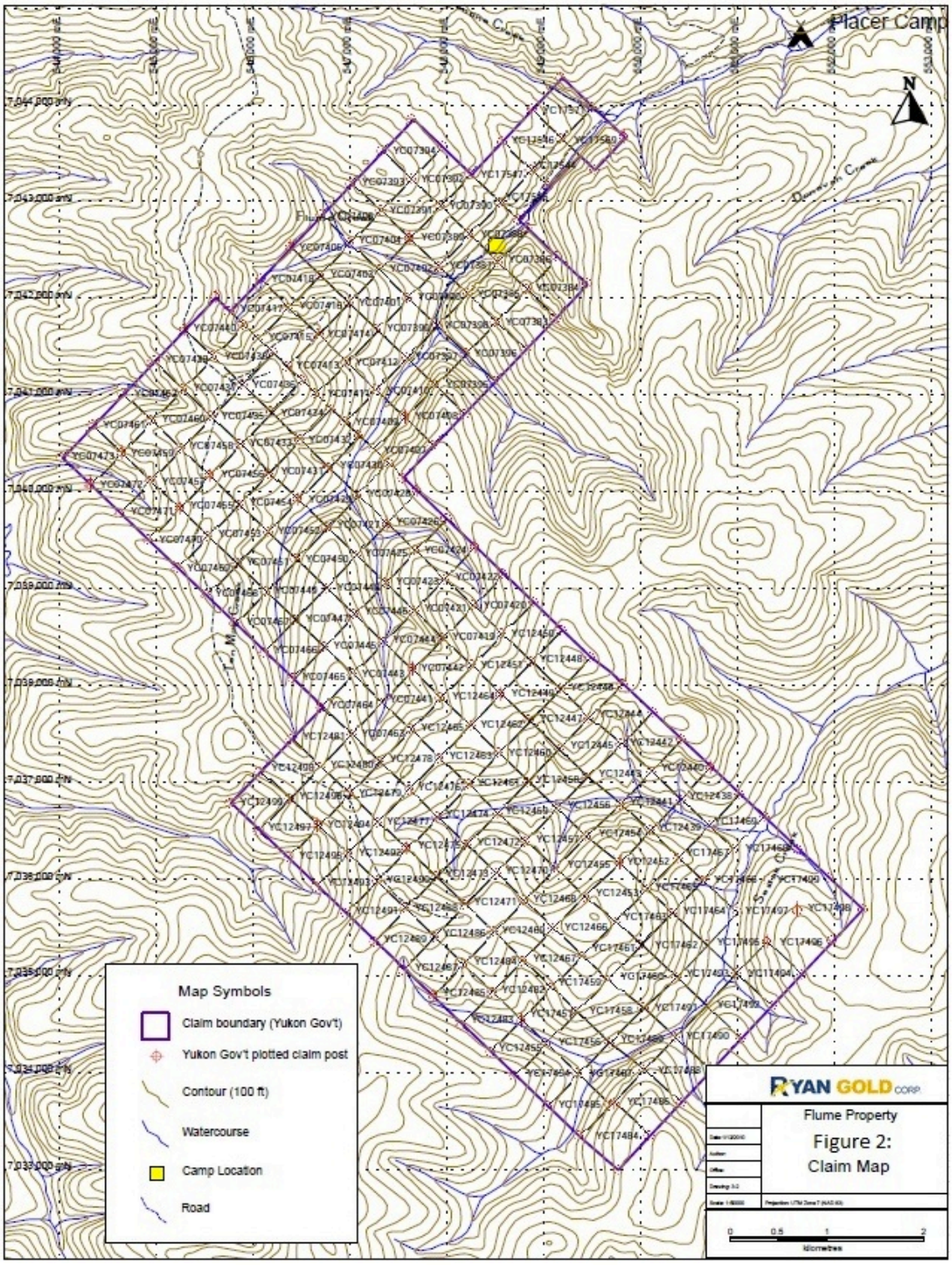
Placer Camp
N
Map Symbols
Claim boundary (Yukon Gov't)
Yukon Gov't plotted claim post
Contour (100 ft)
Watercourse
Camp Location
Road
RYAN GOLD CORP.
Flume Property
Figure 2:
Claim Map
0
0.5
1
2
kilometres

Table 1-1: Flume property active quartz claims

FLUME Claims

District	Grant #	Claim Name & #		Claim Owner	ClaimExpiryDate	Map #
Dawson	YC07383	Flume	1	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC07384	Flume	2	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC07385	Flume	3	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC07386	Flume	4	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC07387	Flume	5	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC07388	Flume	6	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC07389	Flume	7	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC07390	Flume	8	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC07391	Flume	9	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC07392	Flume	10	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC07393	Flume	11	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC07394	Flume	12	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC07395	Flume	13	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC07396	Flume	14	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC07397	Flume	15	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC07398	Flume	16	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07399	Flume	17	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07400	Flume	18	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07401	Flume	19	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07402	Flume	20	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07403	Flume	21	FREEPORT-MCMORAN OF	19-09-13	115N08

				CANADA LIMITED - 100%		
Dawson	YC07404	Flume	22	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07405	Flume	23	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07406	Flume	24	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07407	Flume	25	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07408	Flume	26	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07409	Flume	27	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07410	Flume	28	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07411	Flume	29	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07412	Flume	30	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07413	Flume	31	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07414	Flume	32	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07415	Flume	33	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07416	Flume	34	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07417	Flume	35	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07418	Flume	36	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07419	Flume	37	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07420	Flume	38	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07421	Flume	39	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07422	Flume	40	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07423	Flume	41	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07424	Flume	42	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07425	Flume	43	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07426	Flume	44	FREEPORT-MCMORAN OF	19-09-13	115N08

				CANADA LIMITED - 100%		
Dawson	YC07427	Flume	45	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07428	Flume	46	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07429	Flume	47	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07430	Flume	48	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07431	Flume	49	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07432	Flume	50	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07433	Flume	51	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07434	Flume	52	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07435	Flume	53	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07436	Flume	54	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07437	Flume	55	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07438	Flume	56	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07439	Flume	57	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07440	Flume	58	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07441	Flume	59	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07442	Flume	60	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07443	Flume	61	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07444	Flume	62	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07445	Flume	63	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07446	Flume	64	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07447	Flume	65	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07448	Flume	66	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07449	Flume	67	FREEPORT-MCMORAN OF	19-09-13	115N08

				CANADA LIMITED - 100%		
Dawson	YC07450	Flume	68	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07451	Flume	69	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07452	Flume	70	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07453	Flume	71	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07454	Flume	72	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07455	Flume	73	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07456	Flume	74	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07457	Flume	75	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07458	Flume	76	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
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Dawson	YC07460	Flume	78	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07461	Flume	79	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07462	Flume	80	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07463	Flume	81	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07464	Flume	82	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07465	Flume	83	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07466	Flume	84	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07467	Flume	85	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07468	Flume	86	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07469	Flume	87	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07470	Flume	88	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07471	Flume	89	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC07472	Flume	90	FREEPORT-MCMORAN OF	19-09-13	115N08

				CANADA LIMITED - 100%		
Dawson	YC07473	Flume	91	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	19-09-13	115N08
Dawson	YC12438	Flume	92	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115O05
Dawson	YC12439	Flume	93	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115O05
Dawson	YC12440	Flume	94	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115O05
Dawson	YC12441	Flume	95	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115O05
Dawson	YC12442	Flume	96	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115O05
Dawson	YC12443	Flume	97	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115O05
Dawson	YC12444	Flume	98	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115O05
Dawson	YC12445	Flume	99	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115O05
Dawson	YC12446	Flume	100	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115O05
Dawson	YC12447	Flume	101	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12448	Flume	102	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12449	Flume	103	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12450	Flume	104	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12451	Flume	105	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12452	Flume	106	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115O05
Dawson	YC12453	Flume	107	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115O05
Dawson	YC12454	Flume	108	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12455	Flume	109	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12456	Flume	110	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12457	Flume	111	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12458	Flume	112	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12459	Flume	113	FREEPORT-MCMORAN OF	20-09-13	115N08

				CANADA LIMITED - 100%		
Dawson	YC12460	Flume	114	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12461	Flume	115	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12462	Flume	116	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12463	Flume	117	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12464	Flume	118	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12465	Flume	119	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12466	Flume	120	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12467	Flume	121	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12468	Flume	122	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12469	Flume	123	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12470	Flume	124	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12471	Flume	125	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12472	Flume	126	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12473	Flume	127	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12474	Flume	128	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12475	Flume	129	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12476	Flume	130	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12477	Flume	131	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12478	Flume	132	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12479	Flume	133	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12480	Flume	134	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12481	Flume	135	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12482	Flume	136	FREEPORT-MCMORAN OF	20-09-13	115N08

				CANADA LIMITED - 100%		
Dawson	YC12483	Flume	137	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12484	Flume	138	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12485	Flume	139	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12486	Flume	140	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12487	Flume	141	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12488	Flume	142	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12489	Flume	143	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12490	Flume	144	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12491	Flume	145	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12492	Flume	146	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12493	Flume	147	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12494	Flume	148	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12495	Flume	149	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12496	Flume	150	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12497	Flume	151	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12498	Flume	152	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC12499	Flume	153	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC17454	Flume	156	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC17455	Flume	157	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC17456	Flume	158	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC17457	Flume	159	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC17458	Flume	160	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC17459	Flume	161	FREEPORT-MCMORAN OF	20-09-13	115N08

				CANADA LIMITED - 100%		
Dawson	YC17460	Flume	162	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC17461	Flume	163	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC17462	Flume	164	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC17463	Flume	165	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC17464	Flume	166	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC17465	Flume	167	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC17466	Flume	168	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC17467	Flume	169	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N08
Dawson	YC17468	Flume	170	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115O05
Dawson	YC17469	Flume	171	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115O05
Dawson	YC17484	Flume	186	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115O05
Dawson	YC17485	Flume	187	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115O05
Dawson	YC17486	Flume	188	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115O05
Dawson	YC17487	Flume	189	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115O05
Dawson	YC17488	Flume	190	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115O05
Dawson	YC17489	Flume	191	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115O05
Dawson	YC17490	Flume	192	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115O05
Dawson	YC17491	Flume	193	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115O05
Dawson	YC17492	Flume	194	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115O05
Dawson	YC17493	Flume	195	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115O05
Dawson	YC17494	Flume	196	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115O05
Dawson	YC17495	Flume	197	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115O05
Dawson	YC17496	Flume	198	FREEPORT-MCMORAN OF	20-09-13	115O05

				CANADA LIMITED - 100%		
Dawson	YC17497	Flume	199	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115O05
Dawson	YC17498	Flume	200	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115O05
Dawson	YC17499	Flume	201	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115O05
Dawson	YC17544	Flume	246	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N09
Dawson	YC17545	Flume	247	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N09
Dawson	YC17546	Flume	248	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N09
Dawson	YC17547	Flume	249	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N09
Dawson	YC17569	Flume	271	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N09
Dawson	YC17571	Flume	273	FREEPORT-MCMORAN OF CANADA LIMITED - 100%	20-09-13	115N09
Dawson	YD92201	Flume	1001	Bearing Resources Ltd. - 100%	16-10-25	115N08
Dawson	YD92202	Flume	1002	Bearing Resources Ltd. - 100%	16-10-25	115N08
Dawson	YD92203	Flume	1003	Bearing Resources Ltd. - 100%	16-10-25	115N08
Dawson	YD92204	Flume	1004	Bearing Resources Ltd. - 100%	16-10-25	115N08
Dawson	YD92205	Flume	1005	Bearing Resources Ltd. - 100%	16-10-25	115N08
Dawson	YD92206	Flume	1006	Bearing Resources Ltd. - 100%	16-10-25	115N08
Dawson	YD92207	Flume	1007	Bearing Resources Ltd. - 100%	16-10-25	115N08
Dawson	YD92208	Flume	1008	Bearing Resources Ltd. - 100%	16-10-25	115N08
Dawson	YD92209	Flume	1009	Bearing Resources Ltd. - 100%	16-10-25	115N08
Dawson	YD92210	Flume	1010	Bearing Resources Ltd. - 100%	16-10-25	115N08
Dawson	YD92211	Flume	1011	Bearing Resources Ltd. - 100%	16-10-25	115N08
Dawson	YD92212	Flume	1012	Bearing Resources Ltd. - 100%	16-10-25	115N08
Dawson	YD92213	Flume	1013	Bearing Resources Ltd. - 100%	16-10-25	115N08
Dawson	YD92214	Flume	1014	Bearing Resources Ltd. -	16-10-25	115N08

				100%		
Dawson	YD92215	Flume	1015	Bearing Resources Ltd. - 100%	16-10-25	115N08
Dawson	YD92216	Flume	1016	Bearing Resources Ltd. - 100%	16-10-25	115N08
Dawson	YD92217	Flume	1017	Bearing Resources Ltd. - 100%	16-10-25	115N08
Dawson	YD92218	Flume	1018	Bearing Resources Ltd. - 100%	16-10-25	115N08
Dawson	YD92219	Flume	1019	Bearing Resources Ltd. - 100%	16-10-25	115N08
Dawson	YD92220	Flume	1020	Bearing Resources Ltd. - 100%	16-10-25	115N08
Dawson	YD92221	Flume	1021	Bearing Resources Ltd. - 100%	16-10-25	115O05
Dawson	YD92222	Flume	1022	Bearing Resources Ltd. - 100%	16-10-25	115O05
Dawson	YD92223	Flume	1023	Bearing Resources Ltd. - 100%	16-10-25	115O05
Dawson	YD92224	Flume	1024	Bearing Resources Ltd. - 100%	16-10-25	115O05
Dawson	YD92225	Flume	1025	Bearing Resources Ltd. - 100%	16-10-25	115O05
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Dawson	YD92228	Flume	1028	Bearing Resources Ltd. - 100%	16-10-25	115O05
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Dawson	YD92230	Flume	1030	Bearing Resources Ltd. - 100%	16-10-25	115N08
Dawson	YD92231	Flume	1031	Bearing Resources Ltd. - 100%	16-10-25	115N08
Dawson	YD92232	Flume	1032	Bearing Resources Ltd. - 100%	16-10-25	115N08
Dawson	YD92233	Flume	1033	Bearing Resources Ltd. - 100%	16-10-25	115N08
Dawson	YD92234	Flume	1034	Bearing Resources Ltd. - 100%	16-10-25	115N08
Dawson	YD92235	Flume	1035	Bearing Resources Ltd. - 100%	16-10-25	115N08
Dawson	YD92236	Flume	1036	Bearing Resources Ltd. - 100%	16-10-25	115N08
Dawson	YD92237	Flume	1037	Bearing Resources Ltd. -	16-10-25	115N08

				100%		
Dawson	YD92238	Flume	1038	Bearing Resources Ltd. - 100%	16-10-25	115N08
Dawson	YD92239	Flume	1039	Bearing Resources Ltd. - 100%	16-10-25	115N08
Dawson	YD92240	Flume	1040	Bearing Resources Ltd. - 100%	16-10-25	115N08
Dawson	YD92241	Flume	1041	Bearing Resources Ltd. - 100%	16-10-25	115N08
Dawson	YD92242	Flume	1042	Bearing Resources Ltd. - 100%	16-10-25	115N08

Table 1-2: Flume Property Claim Renewal Status

Claims to be renewed:

CLAIM NAME & #	GRANT #	EXPIRY DATE	# Of Claims	# Of Years	$100/yr	$5/Yr Fee	NEW EXPIRY DATE
Flume 1 - 15	YC07383 - YC07397	September 13, 2016	15	4	$6,000.00	$300.00	September 13, 2020
Flume 16 - 91	YC07398 - YC07473	September 13, 2016	76	3	$22,800.00	$1,140.00	September 13, 2019
Flume 92 - 153	YC12438 - YC12499	September 11, 2016	62	4	$24,800.00	$1,240.00	September 11, 2020
Flume 156 - 171	YC17454 - YC17469	September 13, 2016	16	4	$6,400.00	$320.00	September 13, 2020
Flume 186 - 201	YC17484 - YC17499	September 13, 2016	16	4	$6,400.00	$320.00	September 13, 2020
Flume 246 - 249	YC17544 - YC17547	September 13, 2016	4	4	$1,600.00	$80.00	September 13, 2020
Flume 271	YC17569	September 13, 2016	1	4	$400.00	$20.00	September 13, 2020
Flume 272	YC17571	September 13, 2016	1	4	$400.00	$20.00	September 13, 2020
Flume 1001 - 1042	YD92201 - YD92242	October 25, 2011	42	5	$21,000.00	$1,050.00	October 25, 2016
			233		**$89,800.00**	**$4,490.00**	
					Work Required	**Fees**	

Table 1-3: Flume Property Claims Worked on in 2011

FLUME Property

Claims work was performed on in 2011:

District	Grant #	ClaimName	Claim#	NTS Map
Dawson	YC07441	Flume	59	115N08
Dawson	YC07443	Flume	61	115N08
Dawson	YC07463	Flume	81	115N08
Dawson	YC07464	Flume	82	115N08
Dawson	YC12453	Flume	107	115O05
Dawson	YC12455	Flume	109	115N08
Dawson	YC12457	Flume	111	115N08
Dawson	YC12459	Flume	113	115N08
Dawson	YC12461	Flume	115	115N08
Dawson	YC12463	Flume	117	115N08
Dawson	YC12465	Flume	119	115N08
Dawson	YC12466	Flume	120	115N08
Dawson	YC12467	Flume	121	115N08
Dawson	YC12468	Flume	122	115N08
Dawson	YC12469	Flume	123	115N08
Dawson	YC12470	Flume	124	115N08
Dawson	YC12471	Flume	125	115N08
Dawson	YC12472	Flume	126	115N08
Dawson	YC12473	Flume	127	115N08
Dawson	YC12474	Flume	128	115N08
Dawson	YC12475	Flume	129	115N08
Dawson	YC12476	Flume	130	115N08
Dawson	YC12477	Flume	131	115N08
Dawson	YC12478	Flume	132	115N08
Dawson	YC12479	Flume	133	115N08
Dawson	YC12480	Flume	134	115N08
Dawson	YC12481	Flume	135	115N08
Dawson	YC17459	Flume	161	115N08
Dawson	YC17461	Flume	163	115N08
Dawson	YC17463	Flume	165	115N08
Dawson	YD92216	Flume	1016	115N08
Dawson	YD92217	Flume	1017	115N08
Dawson	YD92218	Flume	1018	115N08
Dawson	YD92219	Flume	1019	115N08

3: Access, Terrain & Climate

3.1 Access

The Flume property can be accessed by a series of rough roads/trails which originate from a placer mining camp along Ten Mile Creek ~ 2 km NE of the property. This placer camp is serviced by an airstrip at the confluence of Ten Mile Creek with the Sixty Mile River, ~ 7 km to the NE and by a barge landing at the confluence of the Sixty Mile River with the Yukon River 12 km to the NE of the Flume Property. Bulk fuel and large machinery can be barged to the area along the Yukon River directly from Whitehorse, although the timing for this is difficult as the route to the Camp requires a fording of the Sixty Mile River which is usually only passable in late summer or fall. Without vehicles such as ATV's to traverse the rough trails that run along the ridge tops on the Flume Property, the most expedient access to the property is by helicopter of which there are several companies based in Dawson City approximately a ½ hour flight away. The property also contains a disused airstrip that could be restored for use once drilling has commenced.

3.2 Terrain and Climate

The flume property is characterized by rolling hills and ridges separated by V-shaped valleys that are steepest near valley bottoms. This is due to the project being situated within the Klondike Plateau and not being subjected to glaciation during the last ice age. The elevations on the property range from 400 to 1200 meters.

The climate is considered to be subarctic-semiarid with the ground being frost-free from mid-June to mid-September. Permanent snow is normally present on the property by late September. The seasonal temperatures of the area encompass a wide range. Summer temperatures often reach over 30 °C and winter temperatures can drop down to below -40 °C. Dawson City, the closest settlement, receives an average snowfall of 160 cm's. A layer of permafrost generally underlies narrow valleys, valley bottoms and north facing slopes.

The property contains various species of vegetation based on aspect, soil and elevation. Mature coniferous forests are prominent on south facing slopes. Sub-alpine shrubs, alders and grasses are present on ridge tops. North facing slopes are vegetated with thick moss (0.5-1m) and black spruce due to the presence of permafrost.

4: Property History

The creeks surrounding the Flume property (Ten Mile & Sestak) have been explored and worked for placer gold since the original Klondike Gold rush in the early 1990's. Following the gold rush little exploration occurred until the 1990's. Minor gold showing were found north and south of the Flume property during this time.

The Flume claims were first staked in 1998 by Phelps Dodge to follow up on anomalous gold values delineated by a Yukon Government Regional Stream Sediment survey. Also favorable was the presence of a Cretaceous intrusion mapped in the area and the presence of placer gold mining along Ten Mile Creek. The target at the time was a "Pogo" style gold deposit (later renamed an intrusion related gold system, IRGS), like the type recently discovered in Alaska. Phelps Dodge carried out geological mapping, prospecting, geochemical sampling and trenching in 1999 and follow up geochemical sampling and trenching in 2000. The exploration from 1998 to 2000 resulted in a total of 60 line-km of soil surveying, conducted on 200 m spaced lines and 100 m spaced samples.

At the same time, Teck Resources was carrying out geological mapping, prospecting and geochemical sampling on the adjacent Ten, Jual and Val claims. In 2003 Fjordland Exploration optioned the Ten and Val claims from Teck and the Flume claims from Phelps Dodge. Fjordland carried out limited geological mapping, prospecting and infill grid soil sampling on the Ten claims, but did not complete any fieldwork on the Flume claims and terminated its option agreements with both companies in 2004. In 2007, Goliath Resources optioned the Flume claims from Phelps Dodge to test various soil anomalies using a power auger. Goliath's report on the Flume is still closed to the public. In March 2009 B. Kreft optioned the surviving Val, Jual and Ten claims from Teck. In

August 2009 Kreft optioned the surviving Val, Jual and Ten claims to Radius Gold. In September 2009 Radius Gold staked RDU cl 279-302 (YD07879) to the north, following which they optioned a 51% interest in all their claims to Solomon Resources Ltd as the Ten mile property. Solomon has since carried out geological mapping, geochemical sampling, trenching and diamond drilling on the Ten Mile property during 2010 and 2011.

The remaining Ten claims are under option to Stina Resources who can earn a 100% interest in what is now the Dime property, from Ryanwood Exploration for cash, shares and work commitments. In 2010, Stina carried out geological mapping, geophysical surveys, geochemical sampling, trenching and diamond drilling on the Dime property. Further geochemical sampling, trenching and diamond drilling was completed in 2011.

4.1 Phelps Dodge Corporation of Canada (1998-2000)

Phelps Dodge originally staked the Flume claims in 1998 and commenced work on the property that year. Prospecting, reconnaissance soil lines, and stream sediment sampling resulted in the discovery of some anomalous signatures. 10 silt samples analyzed yielded greater than 10 ppb gold with associated elevated arsenic (15.6-275.7 ppm) and a vaguely defined 500 x 700 m gold and arsenic in soil anomaly (> 10 ppb and 15 ppm respectively).

Soil surveying commenced the following year (1999) along with prospecting and geological mapping. 685 soil samples were collected in two separate E-W oriented grids. The lines were spaced by 200m and samples were spaced by 100m. 49 of these samples returned > 40 ppb Au and 62 samples returned > 400 ppm As. These relative high values helped define two separate anomalies stretching 6-7 km's N-S along the extent of both grids. Rock sampling returned 5 samples from the 58 collected with > 200 ppb Au and 16 > 400 ppm As. The maximum gold assay from the rock sampling was 1054 ppb and the maximum arsenic value was 70644 ppm.

During the 2000 field season trenching and structural mapping were completed to test the

centers of the Au-As anomalies on the south soil grid. Test pits were also excavated on the north soil grid. The trenching and pits delineated low but anomalous gold and arsenic concentrations. Trench TR-05 was the most successful, intersecting the strongest gold values in skarned calcareous rocks locally intruded by felsic dykes. A summary of the highlights from the trenching is as follows:

- Trench TR-01 returned 0.5 g/t Au over a 2m chip sample,
- Trench TR-03 returned 0.5 g/t Au and 0.15% As over 2 m,
- Trench TR-05 returned 1.2 g/t Au, 19.8 g/t Ag, 0.7% Pb, 1.0% Zn over 6 m, including one grab sample taken from a mineralized interval that returned 3.6 g/t Au

4.2 Caracle Creek International Consulting/ Valdez Gold Inc.

Caracle Creek International Consulting was contracted by Valdez Gold Inc. to plan and execute a field program on the Flume property. This field program began on June 12th and ended on September 11th 2010. This program focused on soil sampling across the entire property and geological mapping. A GPS survey of the locations of existing claim posts was also conducted.

The geological mapping conducted by CCIC helped to define lithological and structural details of the property. The geology of the property was subdivided into five main groups of rocks (Wetherup, 2010). This mapping helped define the property geology presented in section 5.2.

The soil sampling conducted during the 2010 field season was implemented on a tighter spaced grid than previous exploration and also encompassed the whole property. A total of 4537 soil sample sites were visited with 3988 samples collected. The discrepancy between sites and samples collected was due to soil condition and location of some of the sites inhibiting the collection of a sample. Fire assay was the dominant analysis method used except for 6 samples that were analyzed using ICP-MS due to an insufficient sample.

The sampling defined two anomalies; loosely named the “northern” and “southern” anomaly. The survey coupled with correlation matrices and summary statistics completed by CCIC helped define key pathfinder elements on the property. Pb is the strongest correlating element to Au with a correlating coefficient (r) of 0.614. As, Sb, and Hg are also positively correlated to gold with r values of 0.411, 0.116 and 0.081 respectively. Ag (0.301), Cd (0.293), Zn (0.265), Se (0.125) and Cu (0.155) share a moderate correlation with gold. Key pathfinder elements for gold in the northern anomaly are (in order of abundance): As, Sr, Cu, Sb, Te, Se, Sc, U, Ag, W. Key pathfinder elements for gold in the southern anomaly are (in order of abundance): As, Ag, Cu, Pb, Zn, Sb, Cd, Co, Bi, Ni.

The tighter spacing of the CCIC sampling program, in relation to the Phelps Dodge work, significantly improved the anomaly definition. The “southern” anomaly has a NW trend and is approximately 3 km’s long and 700 m wide. The contact between foliated granite and calc-silicate metasedimentary rocks defines the NW end and centre of the anomaly. The south end of the anomaly terminates in siliciclastic metsedimentary rocks. The west side of the property is underlain by foliated granite and orthogneiss and has low gold values in the soil. However, the soil on the east side of the project, which is also underlain by orthogneiss, shows moderate to localized anomalous gold in soil. The “northern” anomaly shows moderate (>80th percentile) gold soil anomalies. This anomaly weakly corresponds with the quartz monzonite-metasedimentary rock contacts. A north trending fault running down the center of the property seems to have displaced the gold carrying unit. It seems to be the divide between very low values and moderate to highly anomalous values and also between metasedimentary rocks and orthogneiss.

CCIC also discovered that the GPS locations of claim posts differs significantly from the position of the claims as recorded and plotted by the Yukon Mining Recorder. Several gaps in the claim blocks were also discovered. This is something will need to be remedied.

4.3 CMG Airbourne Geophysical Survey (2010)

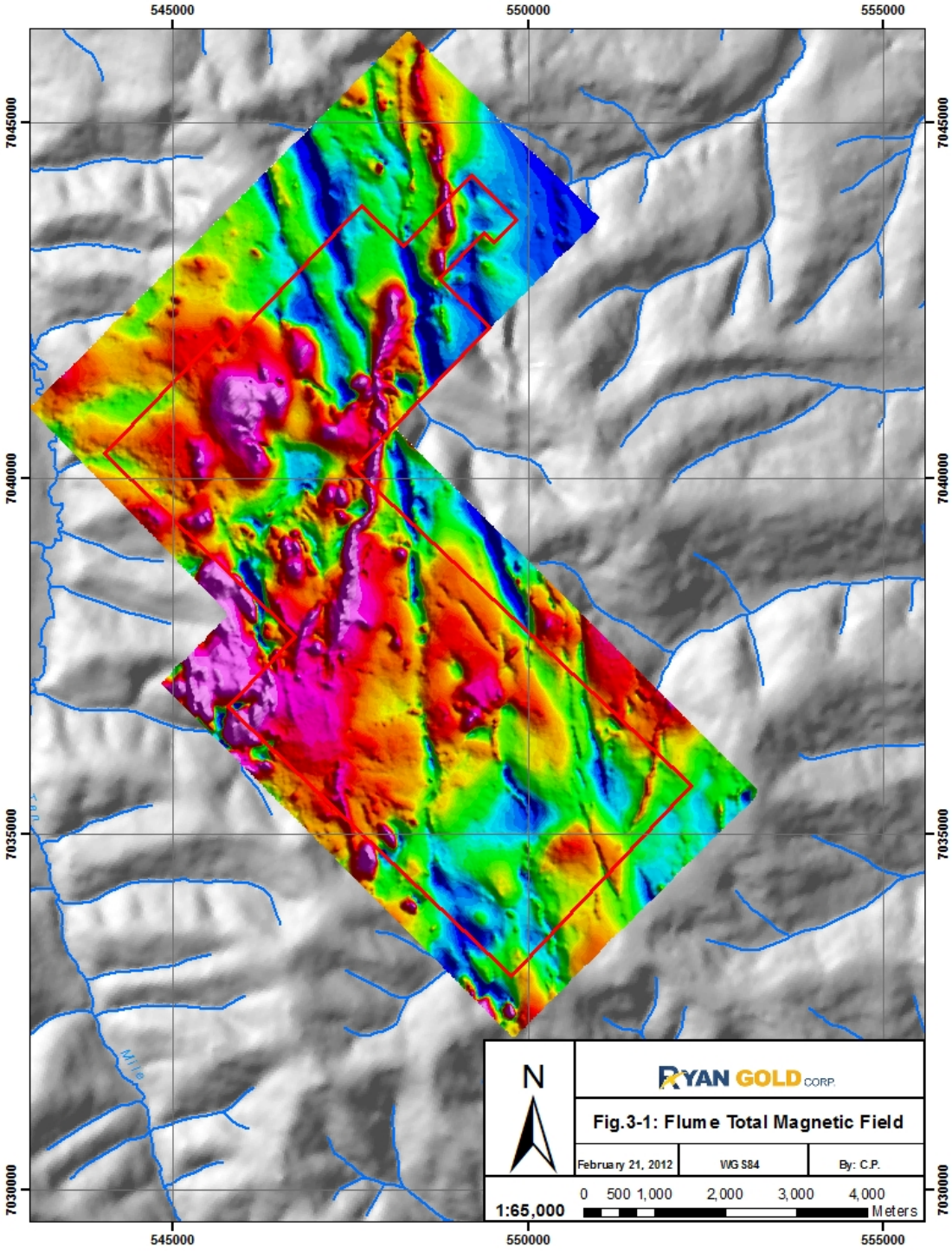
CMG Airborne flew a helicopter-borne magnetic gradiometer and VLF-EM survey on the Flume in 2010. The final deliverables included a report summarizing the findings as well as maps of:

- The total magnetic field (TMI), shown in Figure 3-1.
- The total magnetic field – reduced to pole (TMI-RTP), shown in Figure 3-2.
- The calculated vertical magnetic gradient (1VD), shown in Figure 3-3.
- The measured in-line horizontal magnetic gradient (MI-HMG), shown in Figure 3-4.
- The calculated second vertical magnetic gradient (2VD), shown in Figure 3-5.
- The calculated magnetic analytical signal (ASIG), shown in Figure 3-6.
- The magnetic tilt derivative (TDR), shown in Figure 3-7.

The interpretations made be CMG are summarized in the following:

In the current survey, CMG has acquired high-resolution magnetic gradiometer data. The vertical magnetic gradient provides a more accurate estimate of magnetic boundaries. The cross-line horizontal gradient highlights structures that may be oriented sub-parallel to the flight direction. The vector sum of the three magnetic gradients – known as the analytic signal – produces highs directly over magnetic sources that are independent of the direction of the earth's magnetization vector.

The magnetic fabric of the area is complex and defines features that appear related to structures such as faults, veins, and fractures as well as intrusive outlines. The magnetic field responses vary considerably in both amplitude and character. For example, the broad and low gradient features likely represent deeper-seated bodies whereas sharp and high gradient responses are related to near surface features. The primary targets of interest, based on the previous geological findings in the area, are thought to be vein-like structures that have the potential to host economic mineralization. In addition, areas in close proximity to regions of folding and faulting are the best targets for hydrothermal deposition.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N
RYAN GOLD CORP.
Fig.3-1: Flume Total Magnetic Field
February 21, 2012
WGS84
By: C.P.
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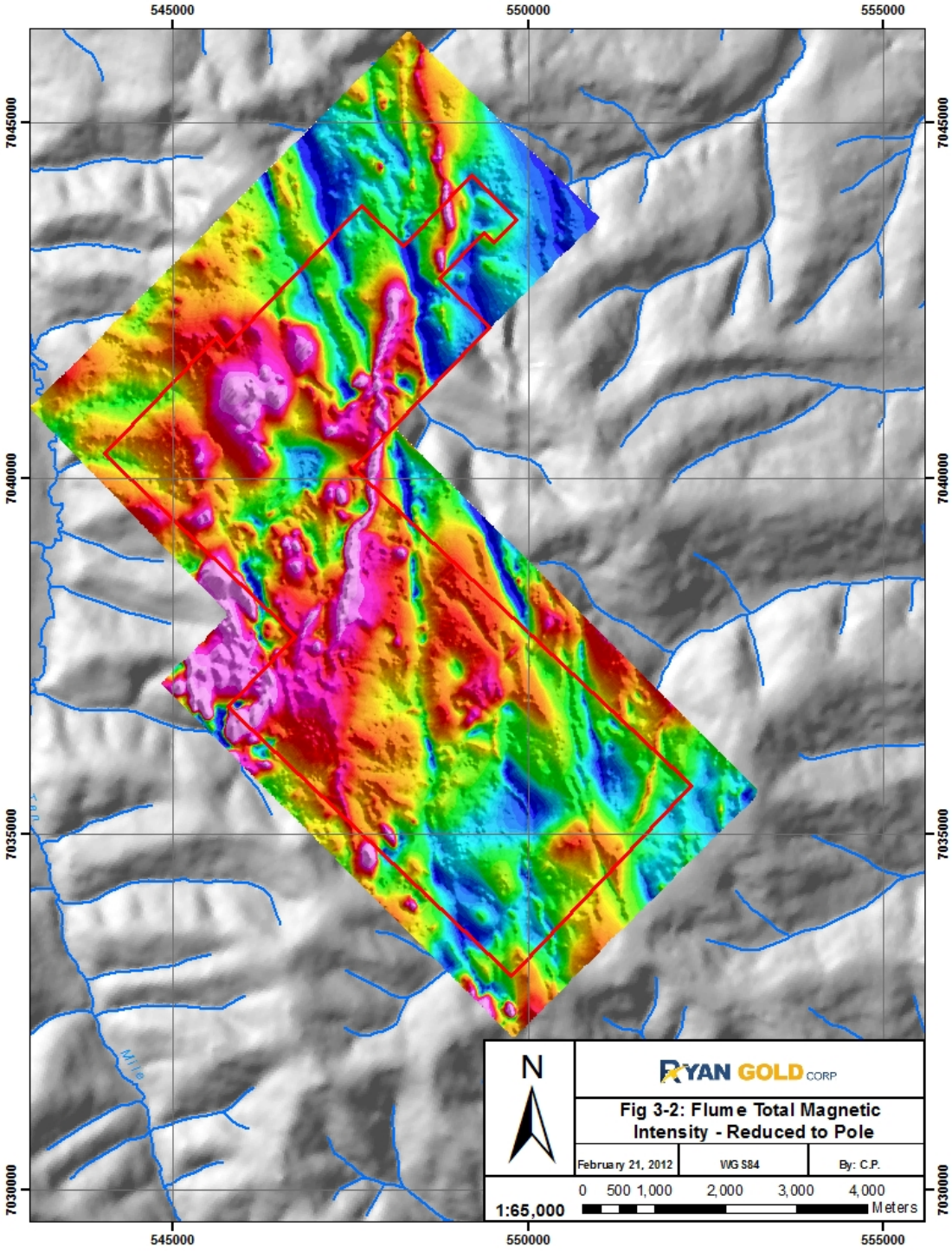
Meters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RYAN GOLD CORP
Fig 3-2: Flume Total Magnetic Intensity - Reduced to Pole
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WGS84
By: C.P.
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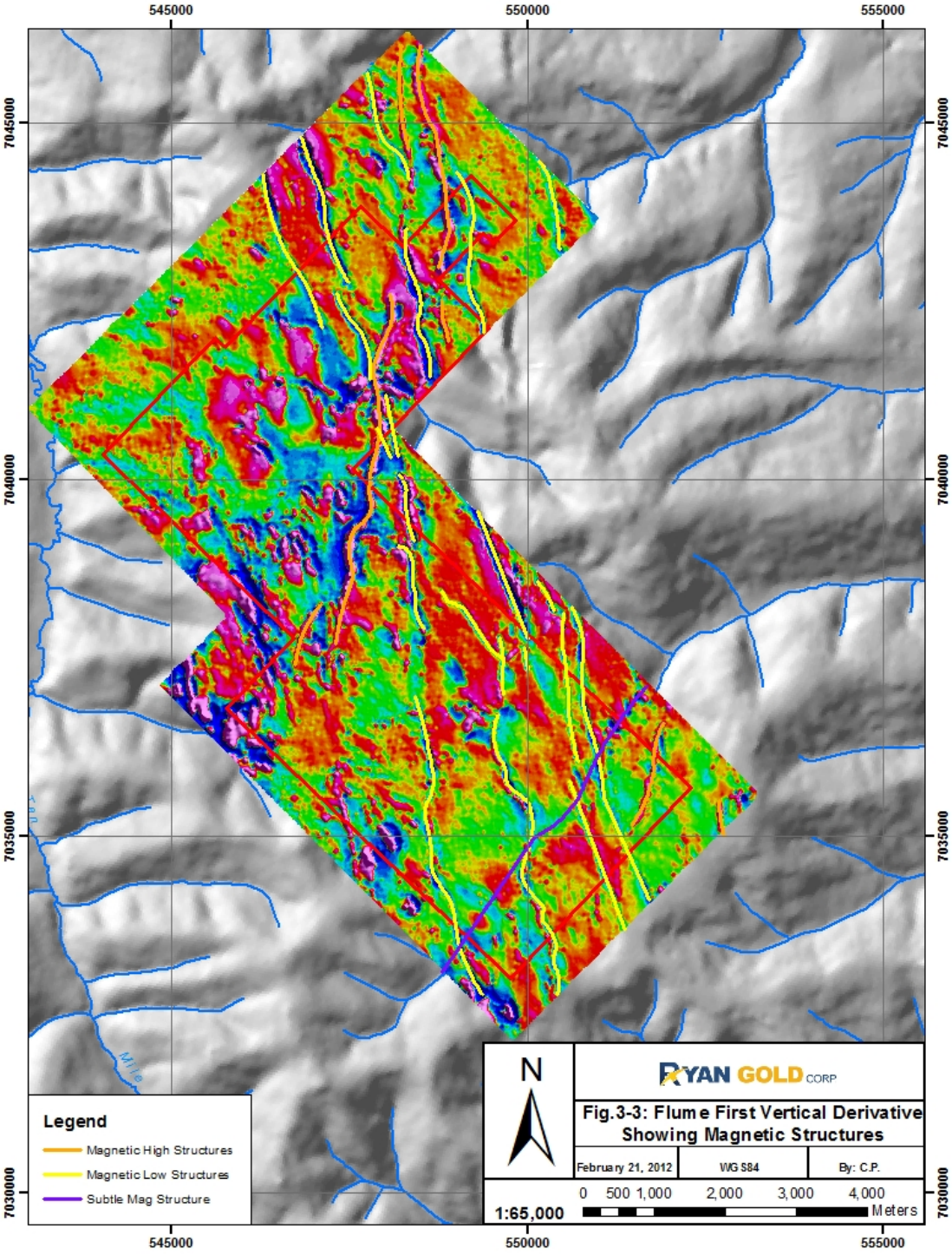
Meters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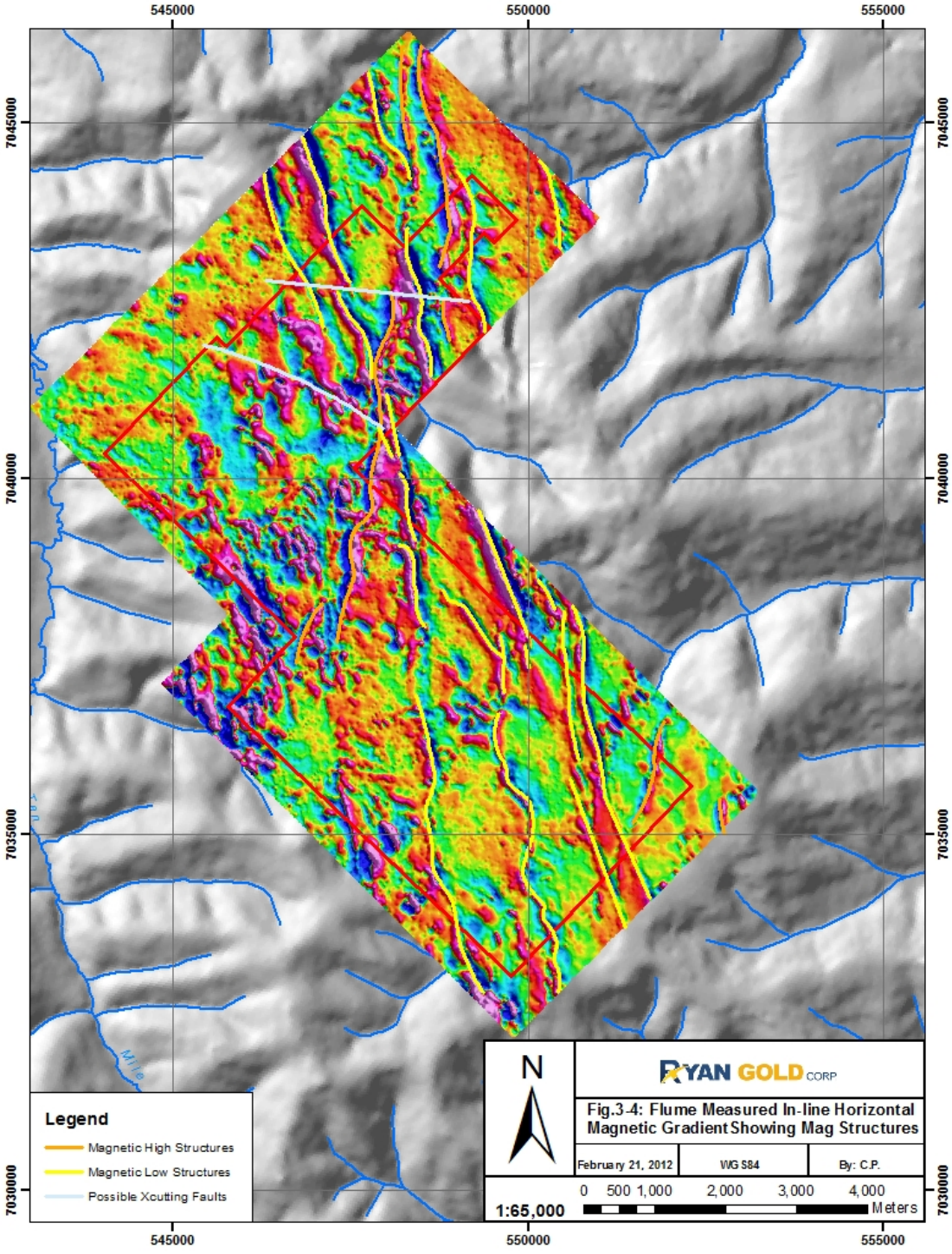
Magnetic High Structures
Magnetic Low Structures
Subtle Mag Structure
N
RYAN GOLD CORP
Fig.3-3: Flume First Vertical Derivative Showing Magnetic Structures
February 21, 2012
WGS84
By: C.P.
1:65,000
0 500 1,000 2,000 3,000 4,000
Meters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Legend
Magnetic High Structures
Magnetic Low Structures
Possible Xcutting Faults
N
RYAN GOLD CORP
Fig.3-4: Flume Measured In-line Horizontal Magnetic Gradient Showing Mag Structures
February 21, 2012
WGS84
By: C.P.
1:65,000
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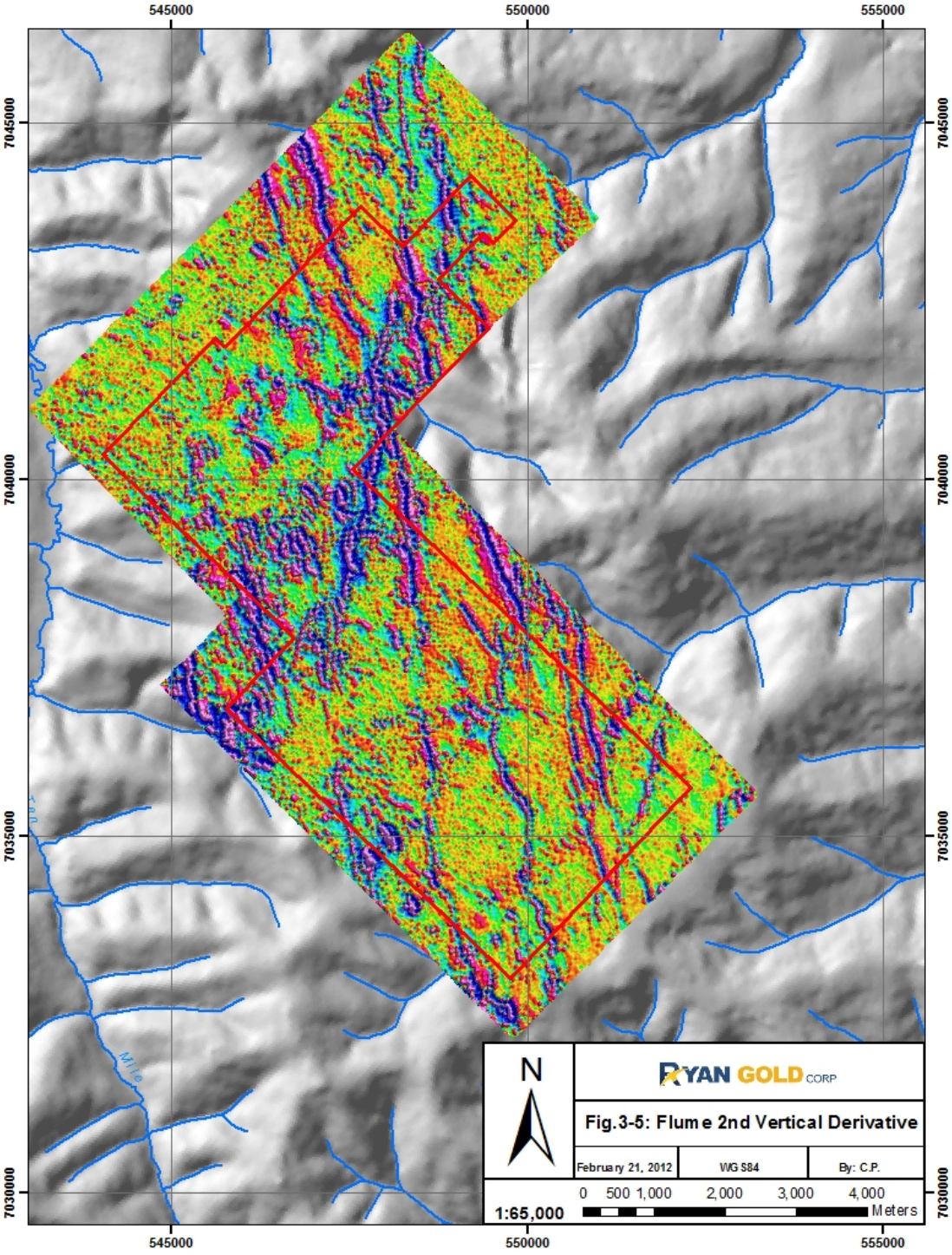
Meters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RYAN GOLD CORP
Fig.3-5: Flume 2nd Vertical Derivative
February 21, 2012
WGS84
By: C.P.
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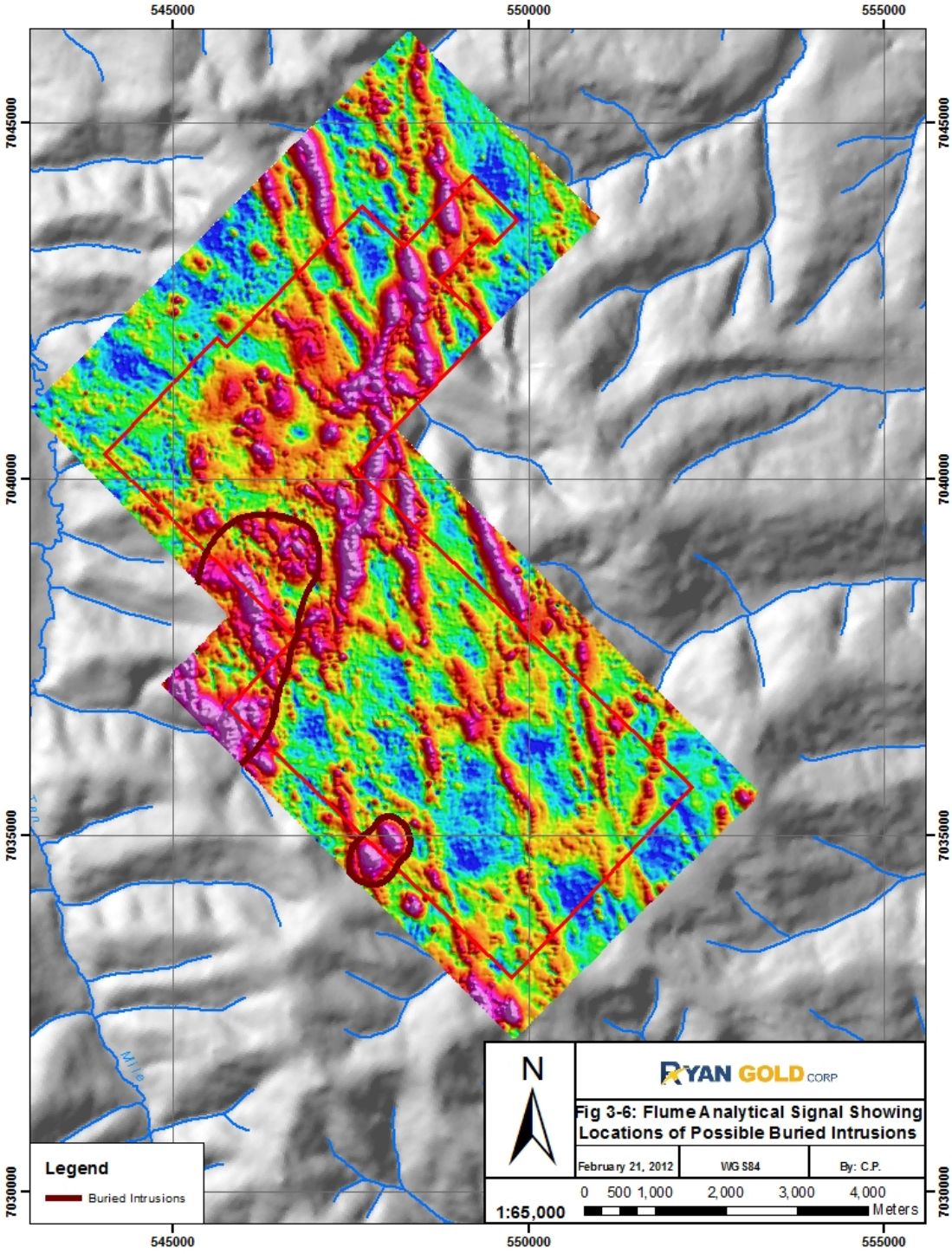
Meters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Legend
Buried Intrusions
N
RYAN GOLD CORP
Fig 3-6: Flume Analytical Signal Showing Locations of Possible Buried Intrusions
February 21, 2012
WGS84
By: C.P.
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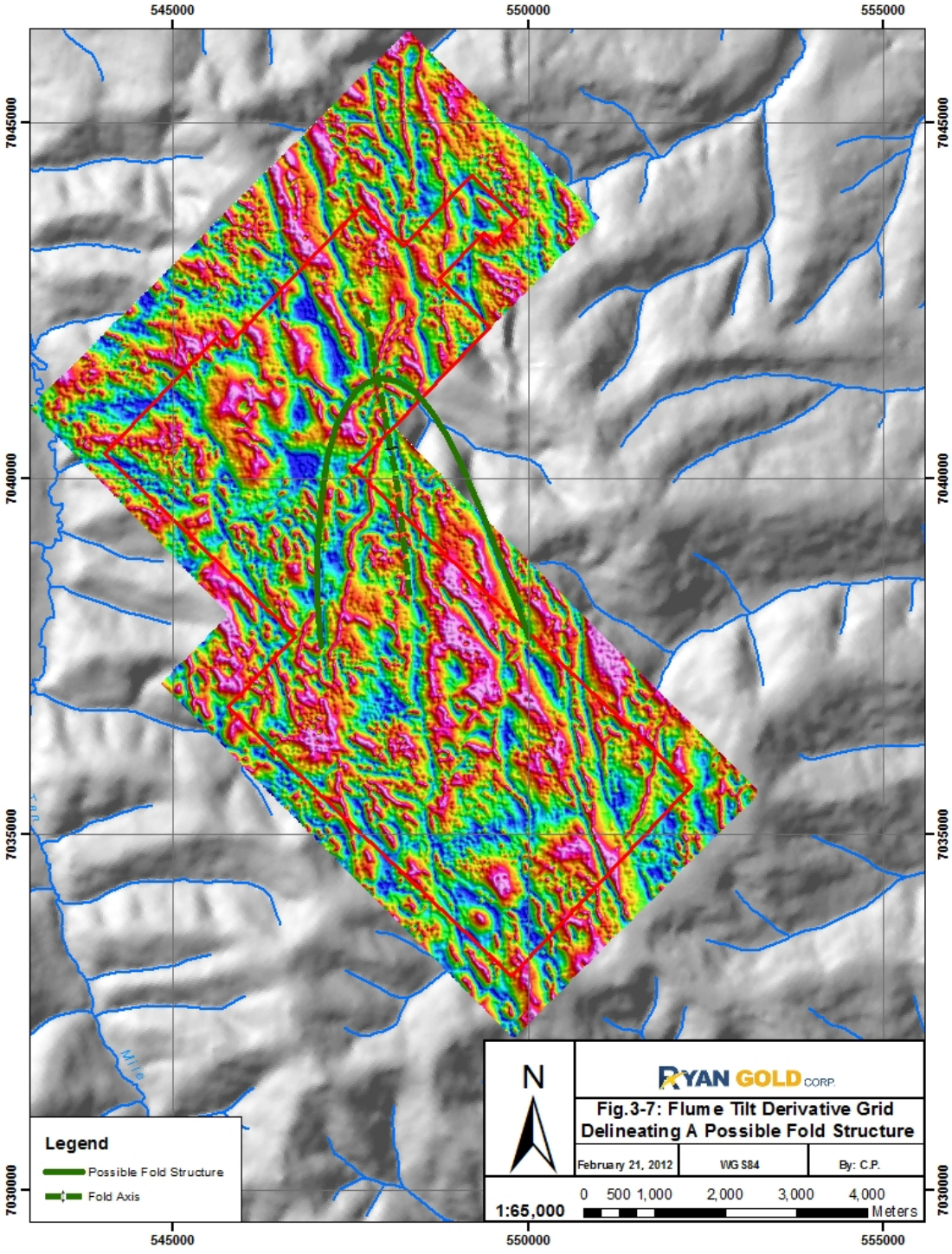
Meters



The individual magnetic products have been referenced in order to better define the numerous structures throughout the area. The various gradient and derivative products fully represent the components of the magnetic field and can provide specific information not obvious in the total field data. The in-line horizontal magnetic gradient (MI-HMG)

emphasizes subtle magnetic features perpendicular to the line direction whereas the first vertical derivative product (C-VMG) emphasizes all subtle features in the data. The magnetic analytic signal (ASIG) is produced by calculating the vector sum of all three magnetic gradients to produce a grid that is independent of the effect of orientation from subsurface bodies. Typically, the orientation of a magnetic target can produce a positive or negative response in the total magnetic field relative to its orientation.

Throughout the Flume area, two intrusions zones appear quite clearly in the magnetic analytic signal grid (Fig.3-6) along the western margin of the survey area. These bodies appear to have a distinct edge to them. Although worth noting, these are not likely targets of interest. Of more importance is a network of magnetic structures (possibly veins) striking throughout the survey area in a NNE-SSW direction. These features are clearly visible in the first vertical derivative grid (Fig.3-3), some spanning the entire length of the property. Also of interest in this figure is a subtle crosscutting feature that appears to pre-date the previously discussed veins.

The magnetic in-line gradient also highlights a couple of interesting features in the magnetic data thought to be faults (Fig.3-4). Several of the regional NNW-SSE striking vein-like features appears to be offset at these fault axes. These structures are ideal candidates for hydrothermal transportation of mineralization and should be considered in the interpretation of nearby geophysical features. The most significant feature in the magnetic data is a possible fold unit identified as subtle distortion in the total magnetic intensity data. This feature is best seen in the magnetic tilt derivative data (Fig.3-7). The area in the vicinity of the nose (or hinge) is typically under compression, which concentrates any disseminated mineralization in the surrounding geology. The zone is most likely to support conditions of increased stress resulting in fracturing and is the best candidate for hydrothermally derived economic mineralization.

5: Geological Setting

5.1 Regional Geology

The Flume property is underlain by a package of polydeformed and polymetamorphosed rocks. These rocks consist of Paleozoic greenschist to amphibolite grade sedimentary, volcanic and intrusive rocks of the Yukon-Tanana terrane (YTT). Deposited near the edge of the North American continental margin, the YTT is thought to be a series of superimposed continental arcs, separated from North American rocks by the oceanic Slide Mountain terrane. Rocks in the terrane record a variety of tectonic settings and have experienced varying amounts of tectonic transport, both before and after amalgamation of the YTT with North America. The YTT has been displaced by at least 400 km along the right-lateral strike slip Tintina Fault that divides the YTT and other allocthonous terranes to the southwest with the ancient continental margin rocks of the Selwyn Basin to the northeast. In the Yukon, the southern boundaries of the YTT are the ocean-basin rocks of the Windy/McKinley terrane and the Coast Plutonic Complex. Following this tectonic event Cretaceous intrusions (Whitehorse/Cassiar suite) cut through the Yukon-Tanana rocks and were emplaced. Finally the Cretaceous aged Carmacks was deposited as bi-modal volcanic rocks and dykes in a N-S orientation.

The YTT is host to a number of volcanogenic massive sulfide deposits with significant copper, zinc, lead, silver and gold mineralization. Many of these deposits display evidence of an early amphibolite facies metamorphic event as well as a younger greenschist facies retrograde event that resulted from accretion of the terrane with the North American continent. Significant Cu-Au and Cu-Mo porphyry deposits form a belt that extends up through the Stikine and Quesnel terranes in BC and into the YTT. A major example of this is the Minto Cu-Au mine in Southern Yukon. Gold mineralization associated with post-amalgamation emplacement of Cretaceous and Tertiary plutonic rocks is also widespread in the YTT.

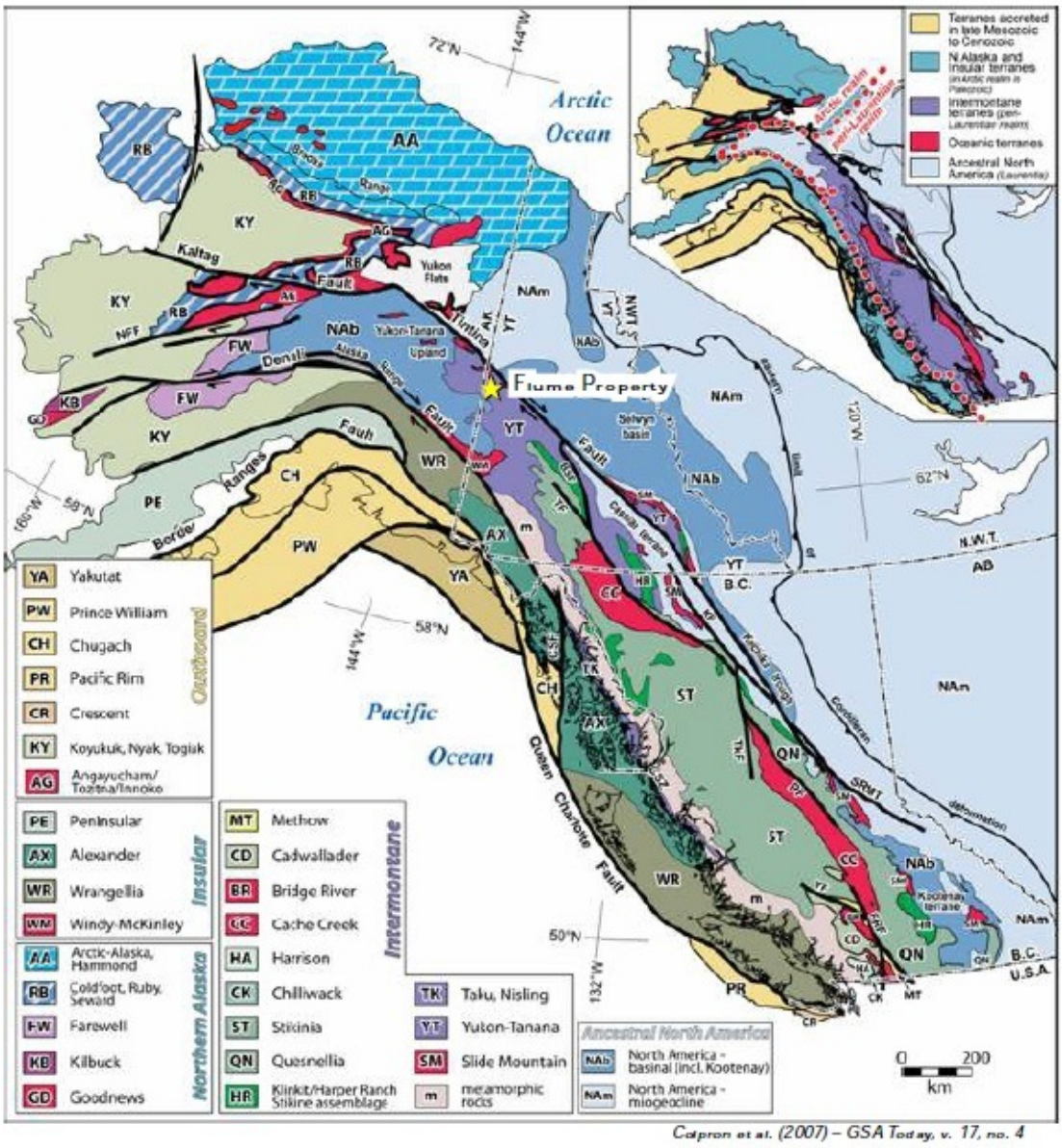


Figure 4. Regional geology of the Canadian Cordillera and the location of the Flume Property within the Yukon-Tanana terrane.

5.2 Property Geology

The following is taken from CCIC's Dec/2010 fieldwork report on the Flume property:

The geology of the Flume Property (Fig.2) has been subdivided into five main groups of rocks, in order of oldest to youngest:

1. Siliciclastic meta-sedimentary rocks - interlayered quartzo-feldspathic units,

2. Calc-silicate meta-sedimentary rocks – interlayered marble, amphibolite and calc-silicate units

3. Orthogneiss – interlayered granitoid feldspar augen gneiss and gabbroic/dioritic gneiss,

4. Biotite quartz monzonite – quartz monzonite to granite, locally sheared

5. Late dykes – mafic lamprophyric dykes and rhyolite to dacite quartz phryric dykes.

Unit 1 is comprised mainly of muscovite-quartz-feldspar schist, quartzite, biotite quartz schist, and feldspar-garnet-biotite schist's that appear to be metamorphosed (upper greenschist to lower amphibolite) clastic sedimentary rocks. Locally, layers which appear to have remnant "phenocrysts" represented by discrete lenses chlorite and/or biotite within muscovite-quartz schist occur and may be tuffaceous layers or altered volcanic flows.

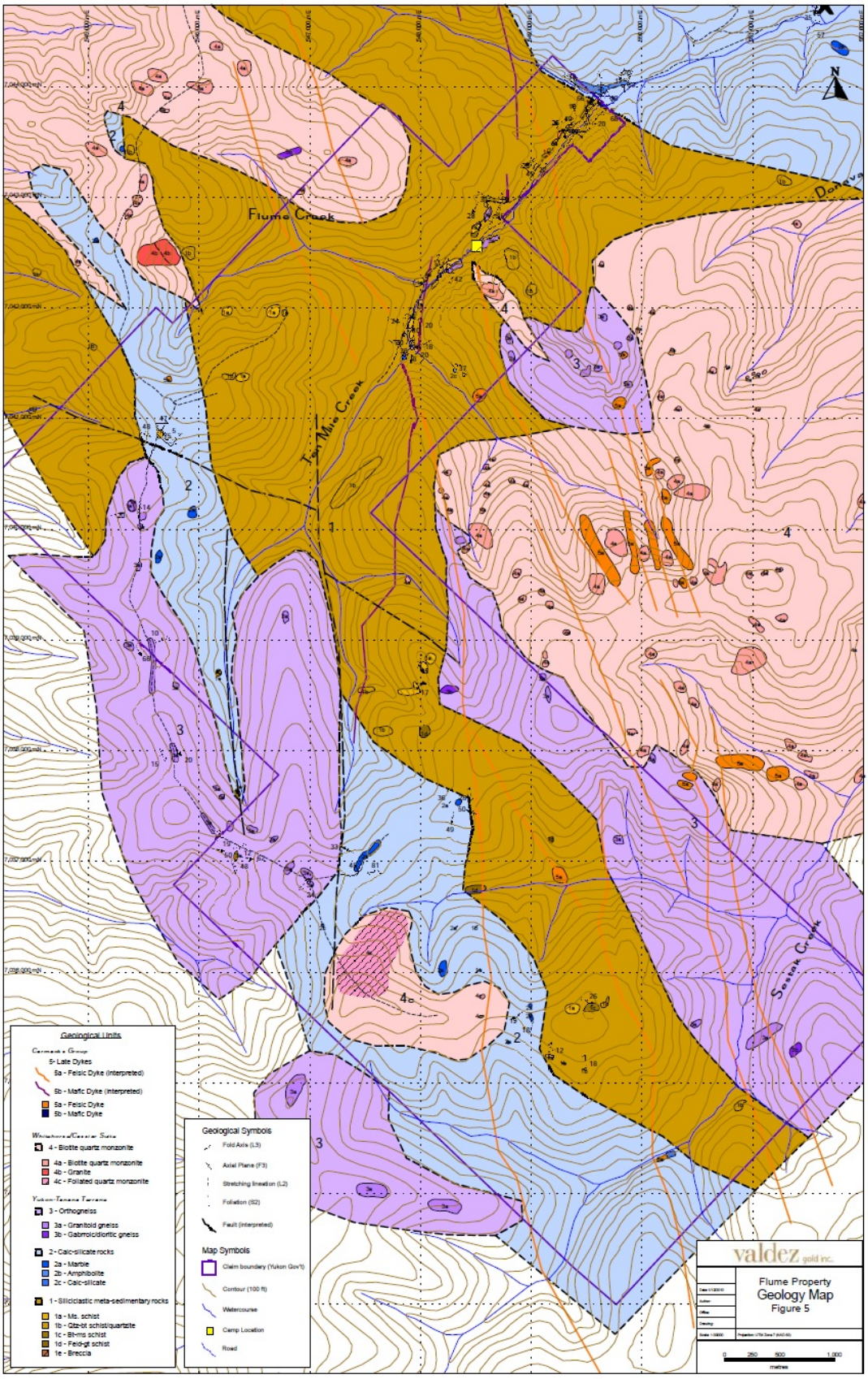
Unit 2 is characterized by marble and calc-silicate layers, which are associated with amphibolite layers (common association observed along Ten Mile Creek NE of the Property). These calcareous layers are found locally within Unit 1 and vice-versa.

Unit 3 appears to overlie Units 1 and 2 along a shallow angle shear zone on the west side of the property and on the east side of the property, and occurs adjacent to the granitic rocks of Unit 4. Unit 3 is dominantly composed of highly deformed granitoid feldspar augen gneisses that are well-layered and highly variable in texture and composition. Layers are commonly 10-20 cm thick with variations in mafic mineral content (chlorite+/-biotite+/-hornblende) from <5% to 50% and augen feldspar augen ranging from 1 mm to 3 cm in length.

These first three units belong to the Yukon-Tanana terrane with the sedimentary rocks likely to be Nasina assemblage (Nisling terrane) and the orthogneiss belongs to the Pelly Gneiss Suite.

Unit 4 is generally a non-deformed equigranular biotite quartz monzonite to granite that intrudes the Yukon-Tanana terrane rocks. On the southwest corner of the Property a variably foliated/sheared granite stock occurs with foliated aplite dyklets and grades into completely un-foliated granite of identical composition locally. At its eastern margin it has clearly altered and skarnified the marble and calc-silicate units that are adjacent to it and may be responsible for the Au-Ag-Pb-Zn mineralization found in TR-05. It is possible that the "orthogneiss" mapped on the eastern side and east of the property, which is adjacent to the main biotite, quartz monzonite body in the area is also merely sheared equivalent of the quartz monzonite. Unit 4 is interpreted to be Cretaceous in age and part of the Whitehorse/Cassiar suite of intrusions that are common in the region.

Unit 5 is a series of late dykes which cut all other units in the area and appear in the aeromagnetic data as either north trending lows or highs depending on the rock type. A strong NNE trending magnetic high which runs through the middle of the Flume Property was observed along Ten Mile Creek to be a series of highly magnetic fine grained mafic or lamprophyric dykes rarely more than 1 m wide. On the east side and east of the property an array of NNW trending rhyolite to dacite (rarely andesite) quartz-feldspar phyric dykes occur.


Flume Creek
Ten Mile Creek
Sestak Creek
Geological Units
5- Late Dykes
5a - Felsic Dyke (Interpreted)
5b - Mafic Dyke (Interpreted)
5a - Felsic Dyke
5b - Mafic Dyke
4 - Biotite quartz monzonite
4a - Biotite quartz monzonite
4b - Granite
4c - Foliated quartz monzonite
3 - Orthogneiss
3a - Granitoid gneiss
3b - Gabbroic/diorite gneiss
2 - Calc-silicate rocks
2a - Marble
2b - Amphibolite
2c - Calc-silicate
1 - Siliciclastic meta-sedimentary rocks
1a - Mx. schist
1b - Cpx-bt schist/quartzite
1c - Bt-ms schist
1d - Feld-gt schist
1e - Breccia
Geological Symbols
Fold Axis (L3)
Axial Plane (F3)
Stretching lineation (L2)
Foliation (S2)
Fault (interpreted)
Map Symbols
Claim boundary (Yukon Gov't)
Contour (100 ft)
Watercourse
Camp Location
Road
valdez gold inc.
Flume Property
Geology Map
Figure 5
0
250
500
1,000
metres

5.21 Structure

Phelps Dodge found five deformational events during the 2000 field season with only four being confirmed during the 2010 exploration program. These events were summarized by O'Dea (2000) and listed below:

- D_1 – was described as crenulated foliation in microlithons of the regional foliation. It was the deformational event that was not found during the 2010 exploration program

- D_2 – is a shallow dipping foliation (S_2) that has been folded at least twice. It is the most prominent deformational event recorded by the pervasive foliation in the metasedimentary rocks and orthogneiss.

- D_3 – is a compressional event which folds the S_2 foliation along the axial planes. These axial planes are near vertical and strike 325 degrees, and the fold axes plunge shallowly. It is interpreted that the D_3 event occurred during the accretion of the Yukon-Tanana and other intermontane terranes to North America in the Middle Jurassic (Wetherup, 2010).

- D_4 – is a folding event represented by open to closed folds. These folds have axial planes that are near vertical and trend SW to SSW (avg. ~ 210). The fold axes plunge to the SW at an average of ~ 20 degrees. The Ten Mile Creek area has been interpreted as a large-scale hinge zone due to the prominence of this deformation in that area (Wetherup, 2010). This event is interpreted to have occurred during the Cretaceous transpressional event which regionally coincided with the intrusion of the Whitehorse/Cassiar intrusions.

- D_5 – is an extensional event that resulted in the emplacement of N-S trending dykes/joints/faults/veins. This is most prominently displayed by the presence of N trending dykes cutting across the whole Flume property. During this deformation

event, N-S oriented normal to oblique-normal faults and joints/quartz veins that dip steeply to moderately either east or west, are likely to have formed. It is the only brittle deformation event reflected in the rocks on the Flume property.

Also, there is a N trending breccia observed on the west side of the property along a N trending fork of Ten Mile Creek. It is interpreted to be either a flat-lying structure that separates the orthogneiss and meta-sedimentary rocks or be a steep N trending fault related to the D_5 deformational event (Wetherup, 2010).

6: Exploration

Groundtruth Exploration conducted a field program that began on October 11th and ended on October 16th 2011. This consisted of 1510 soil samples on a 40 m x 80 m grid focused on the "southern" anomaly found in previous exploration programs.

6.1 Soil Sampling Survey

The soil sampling survey was conducted using augers and sampling the B or C-horizon soils. It was conducted on a tighter spacing than previous projects to increase the resolution of the anomaly and provide more information about possible drilling targets.

The ground cover of these sample sites included; moss, grass, leaf and rock. The surrounding vegetation of the sites included; black spruce, buckbrush, alder, white spruce, birch, dwarf birch, subalpine fir, willows, and pine. Sample condition varied due to the inclusion of partially frozen material, rock content, and organic material. The soil samples were sent to Acme labs where ICP-MS analysis was completed. A complete list of soils samples and the corresponding data are in Appendix 1.

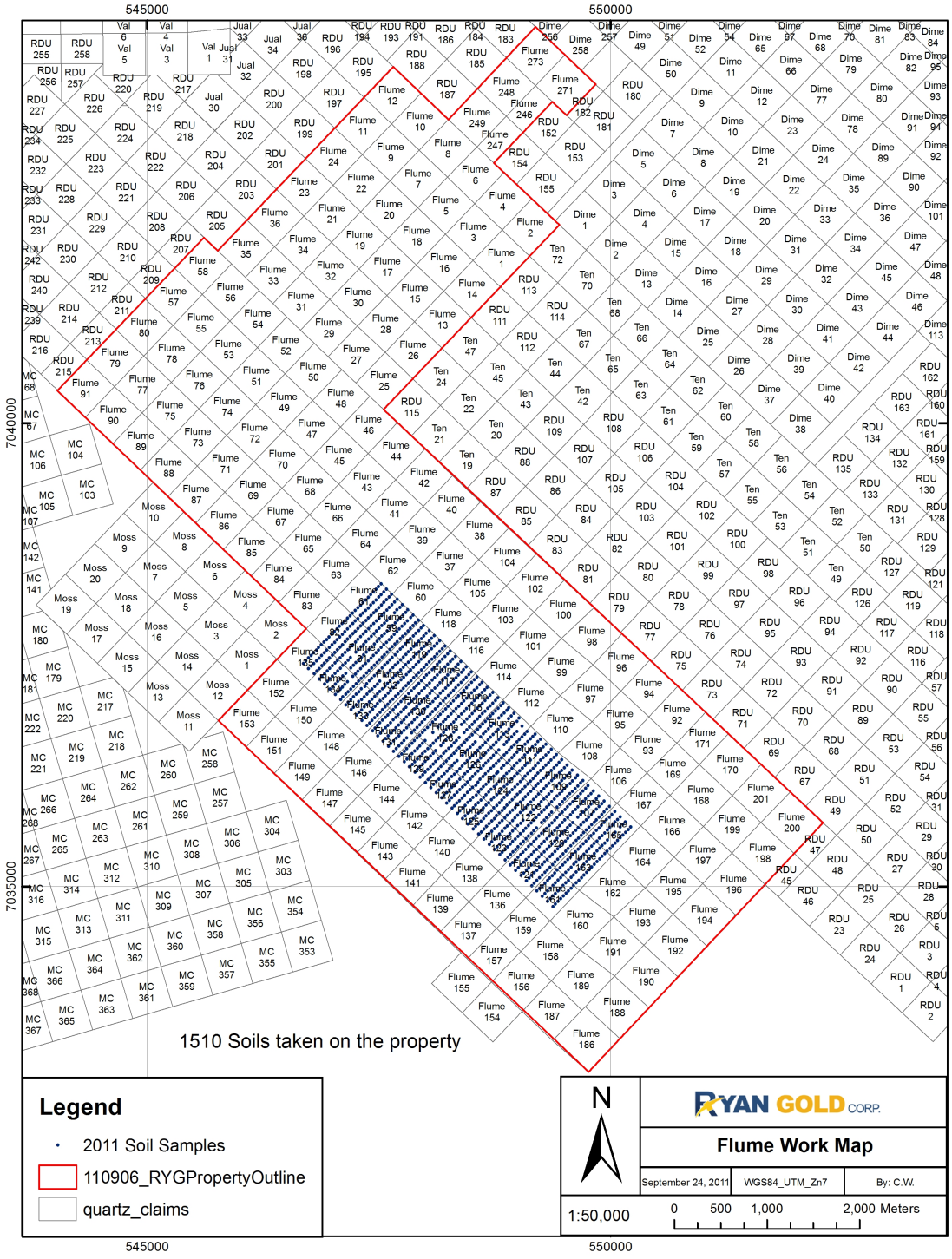


Figure 6 – Flume 2011 soil survey grid map

6.11 Statistics

Figures 6-1, 6-2 & 6-3 contain the correlation matrices for the soil samples taken from the entire property, the "northern" anomaly, and the "southern" anomaly respectively. Data included in the matrices was taken from both the 2010 CCIC data and the 2011 Groundtruth data.

Property wide, gold has a strong correlation with lead, having a correlation coefficient (r) of 0.43, and a moderate correlation with arsenic (r=0.29). When comparing elemental correlations within the anomalies themselves, arsenic is much stronger, with r=0.50 and r=0.51 for the northern and southern anomalies respectively. Lead correlation is weaker within the anomalies themselves, with r=0.05 and r=0.27, for the northern and southern anomalies respectively. In fact, the relationship between gold and the various pathfinders is significantly varied between the two anomalies. There are two distinct geochemical environments present in the north and the south, which are separated by a zone of very low gold and trace element concentrations. This is evidence for the possibility of a separate genesis for the two gold anomalies. Key pathfinder elements for gold in the northern anomaly are (in order of abundance): As, Sr, Cu, Sb, Te, Se, Sc, U, Ag, W
Key pathfinder elements for gold in the southern anomaly are (in order of abundance): As, Ag, Cu, Pb, Zn, Sb, Cd, Co, Bi, Ni

7: Results

Gridded maps of gold and typical pathfinder elements were constructed using kriging techniques in Geosoft Target ®(Figs.7-1 – 7-8). The grids outline trends in the geochemical anomalies possibly related to underlying structures. Most of the pathfinder elements are concentrated around the northern and southern gold anomalies. Gold and the main pathfinders, arsenic and lead, all seem to have a definite northwest-southeast trending orientation in the southern part of the map area. Closer examination reveals more minor north-south trending structures within the overall trend. Intersection of faults or intersections of faults with mineralizing dykes could be major controls to

	Ag_ppm	Al_%	As_ppm	Au_ppb_3B	B_ppm	Ba_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	Ga_ppm	Hg_ppm	K_%	La_ppm	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_%	Pb_ppm	S_%	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_%	Tl_ppm	V_ppm	W_ppm	Zn_ppm
Ag_ppm	1																																		
Al_%	-0.06629	1																																	
As_ppm	0.338002	-0.08277	1																																
Au_ppb_3B	0.182634	0.011184	0.28639	1																															
B_ppm	0.004184	-0.00246	0.012299	0.005835	1																														
Ba_ppm	0.198708	0.055005	0.062142	0.002379	-0.01097	1																													
Bi_ppm	0.096648	0.001964	0.103691	0.022134	-0.00133	-0.01531	1																												
Ca_%	0.045161	-0.14833	-0.0654	-0.01825	0.004532	0.276264	-0.0347	1																											
Cd_ppm	0.558117	-0.10541	0.383612	0.197849	0.004411	0.167664	0.091135	0.13455	1																										
Co_ppm	0.08307	0.493002	0.116445	0.057778	0.014827	0.277472	0.006096	0.22952	0.140075	1																									
Cr_ppm	0.041205	0.342217	0.018073	0.012112	0.005278	0.04762	-0.00116	0.039334	0.029321	0.508989	1																								
Cu_ppm	0.364731	0.196735	0.391355	0.112825	0.003051	0.328401	0.079678	0.174279	0.357631	0.533688	0.24205	1																							
Fe_%	0.016128	0.655468	0.220866	0.074514	0.013179	0.235045	0.032437	-0.05257	0.069512	0.694334	0.273631	0.493149	1																						
Ga_ppm	-0.08108	0.704466	-0.11638	-0.00504	0.003136	-0.06586	0.019936	-0.31355	-0.1371	0.269526	0.314479	-0.00527	0.517713	1																					
Hg_ppm	0.375586	-0.13843	0.071832	0.004364	-0.00774	0.187526	0.030369	0.365143	0.192201	0.005096	-0.07733	0.168882	-0.15169	-0.26396	1																				
K_%	-0.04122	0.330647	0.044779	0.000942	0.017576	0.161627	-0.00935	0.072688	2.38E-05	0.460074	0.285073	0.362106	0.477342	0.349113	-0.18305	1																			
La_ppm	0.234796	0.093468	0.09756	0.001879	0.026819	0.037133	0.0855	0.098202	0.093875	0.151768	0.109147	0.208533	0.106393	-0.00355	0.151448	0.097486	1																		
Mg_%	-0.06572	0.514248	-0.00222	0.023147	0.014648	0.115504	-0.01265	0.202393	-0.00716	0.710983	0.658071	0.402992	0.531901	0.416548	-0.13957	0.679463	0.090694	1																	
Mn_ppm	0.157822	0.164632	0.10514	0.017541	0.009834	0.287391	0.024536	0.303354	0.23655	0.623271	0.127517	0.28567	0.369498	0.101256	0.115446	0.291211	0.113408	0.31962	1																
Mo_ppm	0.424366	-0.04562	0.412778	0.045303	0.018772	0.087773	0.14762	-0.14979	0.401548	0.175077	0.092436	0.484232	0.249506	-0.02365	0.054399	0.056717	0.177111	0.038556	0.139858	1															
Na_%	-0.05879	-0.09619	-0.06652	-0.00748	0.000327	0.188818	-0.04654	0.498496	0.02935	0.147929	-0.02509	0.132369	-0.05777	-0.24176	0.175261	-0.04929	-0.00415	0.084898	0.123762	-0.14166	1														
Ni_ppm	0.19936	0.232891	0.207666	0.04898	0.005175	0.13207	0.040776	0.090689	0.20758	0.586815	0.719325	0.478388	0.334068	0.095054	0.02755	0.225967	0.154667	0.596729	0.197695	0.320591	0.037362	1													
P_%	0.233378	0.007777	0.185154	0.027242	0.047999	0.22472	0.014323	0.349013	0.274538	0.376435	0.204765	0.332877	0.243467	0.000523	0.196682	0.29304	0.282059	0.329268	0.287177	0.266352	0.249606	0.2264	1												
Pb_ppm	0.467401	-0.0195	0.317041	0.428097	0.007039	-0.0091	0.114509	0.00997	0.534256	0.089272	0.042875	0.248621	0.081771	-0.05512	0.122877	0.042196	0.144604	0.046631	0.091296	0.250782	-0.07697	0.132134	0.105184	1											
S_%	0.264979	-0.20004	0.218679	0.019718	-0.00536	0.109727	0.035488	0.292471	0.220264	-0.03892	-0.05637	0.251713	-0.02863	-0.23339	0.257887	0.016957	0.035153	-0.06974	0.048199	0.237345	0.085902	0.040002	0.209862	0.103563	1										
Sb_ppm	0.313333	-0.1426	0.514624	0.092458	0.017939	0.205287	0.078028	0.013579	0.310865	0.128867	0.005108	0.451001	0.228078	-0.25307	0.14977	-0.02918	0.17356	-0.09729	0.062871	0.431426	0.008207	0.254637	0.194786	0.191898	0.228369	1									
Sc_ppm	-0.08443	0.366402	-0.00339	0.022718	-0.00883	0.420249	-0.03629	0.319709	-0.04827	0.566233	0.168316	0.345641	0.615924	0.197796	0.087707	0.30689	0.052447	0.446526	0.400953	-0.0976	0.253956	0.174446	0.16502	-0.01924	-0.03582	-0.0055	1								
Se_ppm	0.444879	-0.13459	0.397206	0.056098	0.015958	0.18456	0.106784	0.137547	0.417227	0.143041	0.040164	0.539624	0.141765	-0.19804	0.278701	0.074383	0.171664	0.049453	0.097822	0.622797	0.046029	0.281101	0.334016	0.245734	0.4694	0.405233	0.008957	1							
Sr_ppm	0.209237	-0.17878	0.150988	0.023524	0.002099	0.395733	0.018751	0.703355	0.243841	0.249824	0.027843	0.33346	0.063479	-0.31567	0.392525	0.08243	0.16252	0.12477	0.312289	0.119866	0.421012	0.153421	0.354254	0.121314	0.375942	0.233426	0.325187	0.355849	1						
Te_ppm	0.070682	0.007147	0.133432	0.024362	0.029878	0.010163	0.02677	-0.02295	0.054602	0.012812	0.031382	0.11364	0.051176	-0.00656	0.005155	0.02966	0.018294	0.013383	0.000442	0.098391	-0.03257	0.054306	0.019602	0.045663	0.052089	0.088296	0.004365	0.071666	0.018366	1					
Th_ppm	-0.02893	0.270676	0.090627	0.043213	0.080385	-0.06474	0.078925	-0.0947	-0.03185	0.20653	0.152475	0.161882	0.266466	0.103095	-0.18033	0.21866	0.645524	0.214564	0.05803	0.132753	-0.08689	0.171818	0.069438	0.103026	-0.12287	0.127559	0.073268	0.022967	-0.02538	0.046953	1				
Ti_%	-0.22251	0.435849	-0.15052	-0.00544	0.015187	-0.02266	-0.07294	-0.04451	-0.15417	0.356998	0.300341	0.159929	0.340997	0.452092	-0.27541	0.59392	-0.07477	0.588096	0.066754	-0.14273	0.204114	0.1424	0.122567	-0.08652	-0.20052	-0.21866	0.193679	-0.15508	-0.09885	-0.02445	0.136814	1			
Tl_ppm	0.122605	0.338549	0.134193	0.025959	0.036208	-0.00848	0.080906	-0.01622	0.100451	0.430579	0.406141	0.384988	0.392299	0.342287	-0.07837	0.728628	0.279274	0.637918	0.224569	0.283374	-0.16431	0.366517	0.314515	0.168254	0.051621	0.039047	0.120982	0.237819	0.034109	0.045107	0.36342	0.409967	1		
V_ppm	-0.12114	0.663389	-0.12752	0.003107	-0.01019	0.123696	-0.05202	-0.14689	-0.09774	0.478675	0.303802	0.230083	0.667274	0.704021	-0.25482	0.368967	-0.19419	0.497497	0.163162	-0.01851	-0.00207	0.164508	0.011081	-0.0723	-0.19652	-0.11394	0.451845	-0.149	-0.14321	-0.00768	-0.03815	0.593027	0.220186	1	
W_ppm	0.022442	-0.05819	0.28378	0.036981	-0.00442	-0.01514	0.033558	0.058367	0.050451	0.026644	0.006801	0.056039	-0.00938	-0.07263	0.031098	0.031187	-0.00082	0.067696	0.055557	0.063027	0.048238	0.038373	0.06272	0.039172	0.02924	0.037396	0.026037	0.078689	0.038329	0.004841	-0.00801	0.017166	0.06105	-0.06482	1
Zn_ppm	0.436252	0.106502	0.362104	0.198874	0.029264	0.146761	0.111631	0.120185	0.739781	0.347884	0.132497	0.507369	0.334257	0.017459	0.105576	0.252584	0.191335	0.282602	0.303745	0.407873	-0.00599	0.298659	0.37966	0.542363	0.158525	0.291394	0.157663	0.396876	0.19701	0.056182	0.17111	0.031565	0.330203	0.046598	0.068116	1

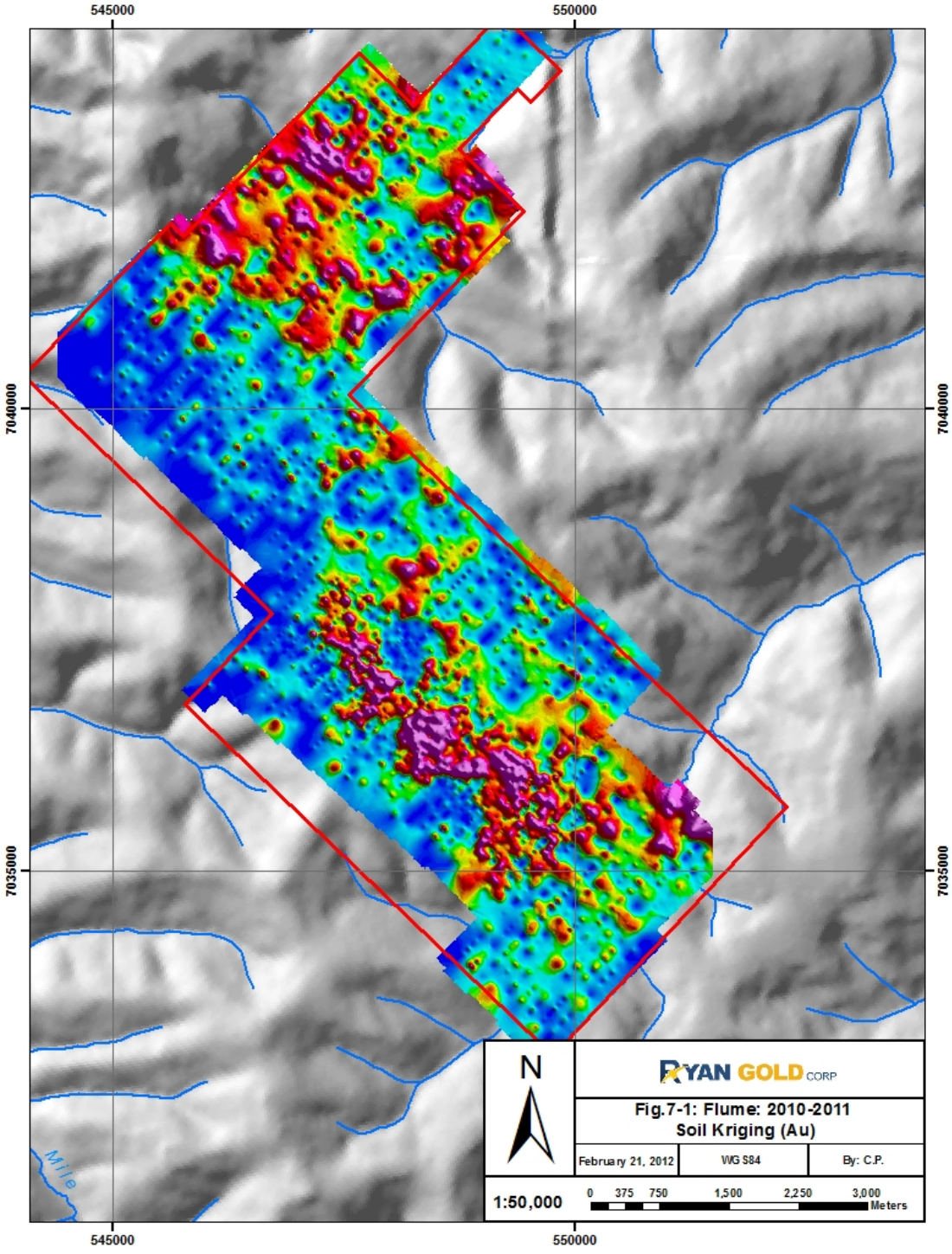
Fig 6-1: Correlation Matrix for Soil Geochemistry Across Entire Property

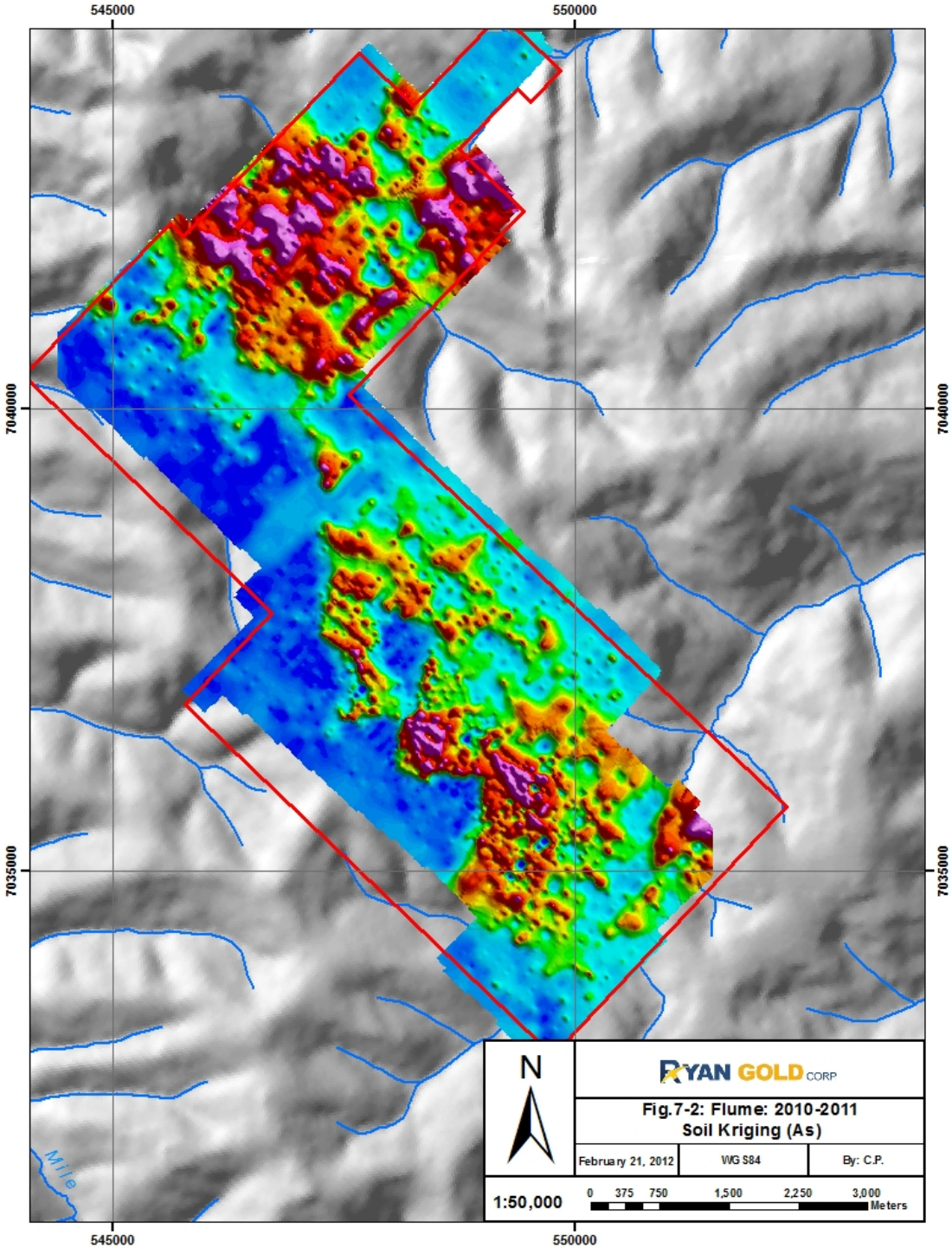
	Ag_ppm	Al__	As_ppm	Au_ppb_com	Ba_ppm	Bi_ppm	Ca__	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe__	Ga_ppm	K__	La_ppm	Mg__	Mn_ppm	Mo_ppm	Ni_ppm	Pb_ppm	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
Ag_ppm	1																													
Al__	-0.13147	1																												
As_ppm	0.192052	-0.06492	1																											
Au_ppb_com	0.135129	-0.04536	0.500196	1																										
Ba_ppm	0.305163	0.042264	0.110936	0.09306	1																									
Bi_ppm	-0.00297	-0.01421	0.127733	0.03056	-0.01477	1																								
Ca__	-0.01431	-0.03072	-0.08309	0.085001	0.114233	-0.02796	1																							
Cd_ppm	0.420931	-0.03969	0.152285	0.056849	0.30216	0.092218	0.034169	1																						
Co_ppm	0.010655	0.379361	0.083564	0.059441	0.124596	0.133328	0.293026	0.239492	1																					
Cr_ppm	-0.05559	0.416423	-0.06456	-0.03666	-0.03217	0.10471	0.125329	0.064083	0.642332	1																				
Cu_ppm	0.318727	0.154718	0.365666	0.21072	0.263201	0.166067	0.143732	0.419177	0.534606	0.408437	1																			
Fe__	0.026039	0.460317	0.270961	0.117983	0.08444	0.097654	0.053847	0.164569	0.635619	0.428581	0.494601	1																		
Ga_ppm	-0.10179	0.61342	-0.10857	-0.12176	-0.08707	0.009252	-0.16184	-0.04387	0.286978	0.420754	0.033428	0.457787	1																	
K__	-0.05402	0.191934	-0.04683	-0.04961	-0.00341	0.09291	0.027411	0.002687	0.297439	0.345902	0.19969	0.248034	0.305648	1																
La_ppm	0.079688	0.077847	0.116905	0.102413	0.040646	0.116199	0.220678	0.123223	0.329361	0.1273	0.35956	0.312943	-0.09588	0.036985	1															
Mg__	-0.21627	0.368219	-0.08004	-0.02275	-0.10146	0.071832	0.25415	-0.07783	0.527179	0.570988	0.211011	0.328131	0.334409	0.343323	0.097391	1														
Mn_ppm	0.04645	0.171397	0.063922	0.030012	0.229705	0.092103	0.256239	0.301765	0.653554	0.289323	0.237286	0.370039	0.159945	0.182778	0.150544	0.321331	1													
Mo_ppm	0.342189	-0.09893	0.311247	0.072487	0.094239	0.177634	-0.11687	0.525798	0.231448	0.086219	0.537039	0.286754	-0.08625	-0.05327	0.204881	-0.06297	0.125476	1												
Ni_ppm	0.160977	0.253069	0.211917	0.107748	0.141226	0.151312	0.166643	0.34736	0.767771	0.740323	0.728984	0.56061	0.135223	0.222142	0.344919	0.38332	0.366986	0.479432	1											
Pb_ppm	0.194631	-0.01487	0.123158	0.048215	-0.02694	0.292931	0.073792	0.375695	0.218572	0.137521	0.310124	0.177996	-0.0265	0.083133	0.234149	0.105078	0.168918	0.327766	0.235544	1										
Sb_ppm	0.30722	-0.12776	0.493404	0.205076	0.281435	0.038983	-0.02396	0.273722	0.044959	-0.10495	0.462738	0.244641	-0.22706	-0.11146	0.195544	-0.2747	-0.00059	0.40684	0.270719	0.155669	1									
Sc_ppm	-0.14587	0.410005	0.027937	0.1755	0.104127	-0.02362	0.300319	-0.06417	0.587815	0.442794	0.212023	0.51928	0.319562	0.230839	0.283687	0.494485	0.393608	-0.14819	0.374664	0.055275	-0.12641	1								
Se_ppm	0.367273	-0.15515	0.338906	0.160818	0.142819	0.144415	0.051575	0.424277	0.167084	0.059746	0.543323	0.197229	-0.17301	0.013873	0.240037	-0.06561	0.051421	0.644737	0.389683	0.231355	0.40388	-0.1163	1							
Sr_ppm	0.197827	-0.13098	0.181857	0.245043	0.307348	0.059532	0.606997	0.266449	0.247117	0.026448	0.274748	0.092629	-0.25945	-0.02574	0.222339	0.07362	0.277436	0.153667	0.21017	0.299935	0.194559	0.228593	0.297074	1						
Te_ppm	0.051406	0.023603	0.110593	0.161745	0.000196	-0.00767	0.022757	-0.02126	0.013198	0.022314	0.072411	0.028409	0.004713	-0.00733	0.013594	0.025766	-0.01267	-3.2E-05	0.042149	-0.00219	0.058069	0.071383	0.01993	0.056046	1					
Th_ppm	-0.12284	0.205864	0.063515	0.072515	-0.0868	0.169508	0.081022	-0.02885	0.318201	0.180217	0.195374	0.321408	-0.02149	0.09743	0.717444	0.223743	0.117031	0.074998	0.272825	0.22927	0.040992	0.335034	0.012851	0.042129	0.039933	1				
Tl_ppm	-0.04766	0.180891	-0.03642	-0.04097	-0.08	0.111186	0.068861	0.049316	0.332037	0.422933	0.251657	0.250257	0.246898	0.379788	0.145224	0.313119	0.171286	0.119764	0.362495	0.142893	-0.08561	0.193465	0.080781	-0.01356	-0.00647	0.212845	1			
U_ppm	0.254475	-0.11562	0.243309	0.140318	0.120112	0.111317	0.135562	0.286267	0.149475	0.053694	0.426029	0.08669	-0.15979	-0.0206	0.394229	-0.00883	0.13799	0.409156	0.270381	0.166425	0.200086	-0.01831	0.492273	0.312627	0.008489	0.130899	0.05866	1		
V_ppm	-0.09554	0.592068	-0.16597	-0.11573	0.025203	-0.06799	-0.04311	0.022044	0.422826	0.485082	0.159039	0.521846	0.761131	0.261843	-0.13451	0.325215	0.195096	-0.02449	0.249047	-0.02232	-0.1264	0.398278	-0.1638	-0.11515	0.012316	-0.05108	0.211915	-0.21804	1	
W_ppm	-0.01007	0.03504	0.285873	0.115252	-0.05725	0.057944	-0.00539	0.003363	0.05398	0.057079	0.009966	0.03488	0.024856	0.015728	-0.00743	0.086294	0.078605	0.013865	0.030419	0.033929	-0.02363	0.06656	0.013324	-0.03712	-0.00564	-0.02252	-0.01708	-0.00405	0.002928	1
Zn_ppm	0.232879	0.118473	0.245584	0.093187	0.17529	0.258084	0.001751	0.599467	0.504748	0.271466	0.618778	0.455736	0.099622	0.192081	0.230019	0.244005	0.427976	0.592338	0.566153	0.500061	0.281412	0.160534	0.455524	0.211905	-0.0023	0.188173	0.239602	0.261106	0.153495	0.036649

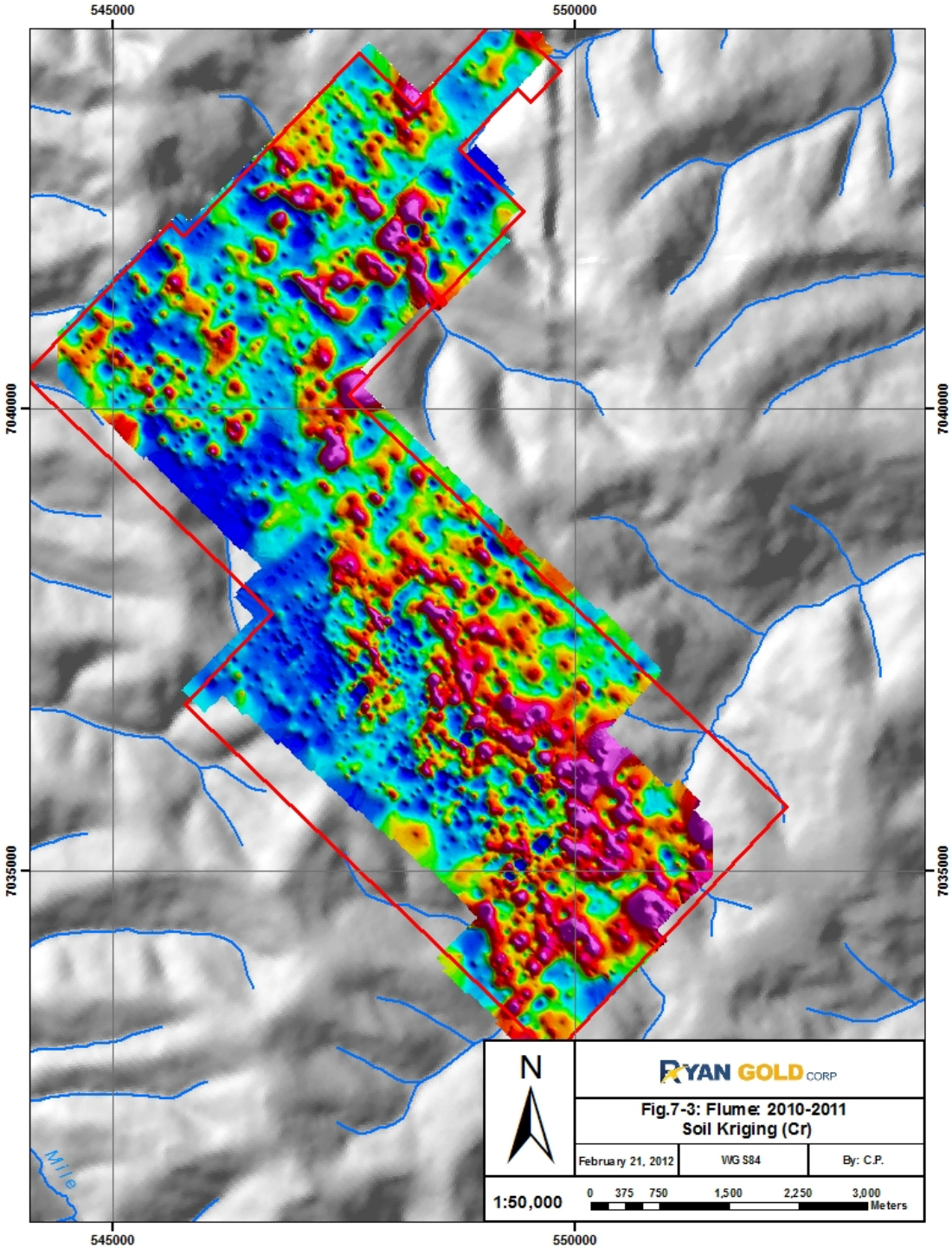
Fig 6-2: Correlation Matrix for Soil Geochemistry Across Northern Anomaly

	Ag	Al_%	As_ppm	Au	B_ppm	Ba_ppm	Bi	Ca	Cd	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	Ga_ppm	Hg	K	La_ppm	Mg_%	Mn_ppm	Mo_ppm	Na	Ni_ppm	P	Pb_ppm	S	Sb_ppm	Sc_ppm	Se	Sr_ppm	Te	Th_ppm	Ti	Tl	U_ppm	V_ppm	W	Zn_ppm
Ag	1																																		
Al_%	-0.082577	1																																	
As_ppm	0.399109	-0.032362	1																																
Au	0.320953	0.005594	0.507177	1																															
B_ppm	-0.034594	-0.152622	-0.071105	-0.039564	1																														
Ba_ppm	0.200828	0.152901	-8.47E-05	-0.043969	0.123194	1																													
Bi	0.228568	-0.011443	0.220148	0.15399	0.040661	-0.001423	1																												
Ca	0.108295	-0.225956	-0.121524	-0.035106	0.426665	0.130582	-0.003053	1																											
Cd	0.680911	-0.048331	0.223257	0.220596	0.072064	0.047118	0.162991	0.193377	1																										
Co_ppm	0.136843	0.548039	0.31704	0.161137	-0.043323	0.216616	0.118551	0.047806	0.124801	1																									
Cr_ppm	0.045085	0.366687	0.04855	0.01364	-0.15923	0.141888	-0.030217	-0.063376	-0.011906	0.467495	1																								
Cu_ppm	0.451087	0.236155	0.444263	0.288347	-0.058372	0.254198	0.278326	0.131759	0.311049	0.576157	0.23234	1																							
Fe_%	0.009675	0.714647	0.27959	0.116046	-0.060325	0.191215	0.13402	-0.20162	0.049553	0.790298	0.342826	0.484591	1																						
Ga_ppm	-0.121961	0.706117	-0.091131	-0.063767	-0.206486	0.066813	-0.046834	-0.382603	-0.116103	0.291895	0.345119	-0.013383	0.543655	1																					
Hg	0.465888	-0.205167	0.07834	0.074233	0.138855	0.103165	0.06374	0.34417	0.279913	-0.14194	-0.135078	0.071754	-0.304694	-0.325683	1																				
K	-0.033299	0.39713	0.0565	0.00715	-0.065456	0.1641	-0.010818	-0.051411	-0.01882	0.467246	0.413006	0.309189	0.498395	0.390351	-0.297565	1																			
La_ppm	0.082233	0.206656	0.122668	0.054703	-0.110656	0.142955	0.104374	-0.096609	-0.032242	0.324154	0.178636	0.224272	0.28756	0.13261	-0.066064	0.33913	1																		
Mg_%	0.049915	0.613973	0.035652	0.063952	-0.111947	0.215568	0.030891	0.075914	0.081782	0.674195	0.651487	0.41524	0.613704	0.474037	-0.240318	0.673219	0.305668	1																	
Mn_ppm	0.162808	0.195808	0.245192	0.130929	0.122753	0.145572	0.14767	0.171779	0.234659	0.638491	0.109887	0.368286	0.471402	0.075522	0.023417	0.242078	0.243269	0.275908	1																
Mo_ppm	0.281511	0.037694	0.327733	0.124332	-0.181595	0.102231	0.254462	-0.20781	0.081832	0.214844	0.134145	0.317718	0.234185	0.122575	-0.02989	0.113173	0.171625	0.099121	0.137561	1															
Na	-0.027725	-0.101437	-0.204554	-0.087421	0.228198	0.147854	-0.129968	0.501487	0.013741	-0.078826	-0.067458	-0.040168	-0.208933	-0.209247	0.264445	-0.173302	-0.147556	-0.027932	-0.023708	-0.213743	1														
Ni_ppm	0.242134	0.425202	0.323936	0.144848	-0.157111	0.303444	0.11958	0.049944	0.123917	0.741812	0.644387	0.651644	0.577321	0.194643	-0.049582	0.390756	0.248701	0.628792	0.308939	0.282135	-0.041988	1													
P	0.198713	0.059788	0.136914	0.065348	0.063467	0.280194	0.041076	0.246679	0.092165	0.426375	0.330011	0.296494	0.297216	0.082435	0.112149	0.486597	0.255636	0.470454	0.292355	0.209753	0.037603	0.429462	1												
Pb_ppm	0.627445	0.007788	0.221838	0.273632	0.009126	-0.013284	0.219439	0.120359	0.811731	0.156095	-0.008432	0.350467	0.085795	-0.075855	0.154674	0.010605	0.005732	0.168184	0.147212	0.111432	-0.072473	0.092372	0.045344	1											
S	0.148544	-0.226623	-0.03295	0.026155	0.21525	0.041344	0.079553	0.436154	0.09416	-0.100647	-0.066117	0.108654	-0.210907	-0.257764	0.302545	0.02036	-0.050482	-0.054902	0.018733	-0.043959	0.180291	-0.021972	0.138127	0.02908	1										
Sb_ppm	0.244565	0.072577	0.567036	0.22411	-0.057443	0.092602	0.260889	-0.040673	0.133526	0.338306	0.088903	0.510159	0.336398	-0.101962	-0.043062	0.053066	0.133723	0.080235	0.184496	0.314288	-0.137205	0.448463	0.093582	0.117464	-0.031593	1									
Sc_ppm	-0.018306	0.524127	-0.052165	-0.010835	0.201795	0.340847	0.04398	0.129206	0.022498	0.536443	0.222544	0.340003	0.594213	0.263643	0.013288	0.217377	0.232079	0.473179	0.373223	-0.038604	0.15237	0.360715	0.241619	0.045319	-0.099197	0.091163	1								
Se	0.335917	-0.06343	0.234723	0.137976	0.016652	0.177463	0.069556	0.102193	0.150868	0.140584	0.077202	0.306901	0.041102	-0.138758	0.213142	0.031462	0.091081	0.071042	0.083456	0.257677	0.02284	0.263966	0.200819	0.077171	0.1678	0.237524	0.00265	1							
Sr_ppm	0.314318	-0.155181	-0.028436	0.021742	0.319834	0.296524	0.04968	0.814191	0.259312	0.114824	0.008362	0.24444	-0.120915	-0.295021	0.449951	0.003869	0.095419	0.157597	0.23403	-0.02128	0.497774	0.124623	0.356684	0.207896	0.456015	-0.008704	0.218761	0.224132	1						
Te	0.031241	-0.033887	-0.016616	0.127224	0.045678	-0.002117	0.155037	-0.000983	-0.001658	-0.025987	-0.018591	-0.025989	0.010807	-0.034261	-0.002549	0.047063	-0.010802	-0.018943	-0.005589	0.020137	0.121457	-0.034621	-0.002466	-0.003177	0.255279	-0.02422	0.004418	0.061282	0.050009	1					
Th_ppm	-0.173695	0.398983	0.031373	0.023489	-0.167951	0.038651	0.008334	-0.270916	-0.107429	0.345714	0.218127	0.142954	0.42519	0.290758	-0.400557	0.454118	0.667409	0.415669	0.191284	0.098621	-0.23348	0.219118	0.073516	-0.022349	-0.207288	0.113776	0.239233	-0.019574	-0.202913	-0.009467	1				
Ti	-0.123109	0.533003	-0.048956	-0.039656	-0.238504	0.090695	-0.120924	-0.155334	-0.089999	0.355648	0.444082	0.169127	0.405137	0.520393	-0.307631	0.613858	0.146476	0.615811	-0.005676	0.034046	0.113546	0.384985	0.168897	-0.074503	-0.107589	-0.019932	0.174768	-0.000543	-0.091801	-0.004909	0.350969	1			
Tl	0.038088	0.445311	0.12994	0.043592	-0.190704	0.063695	0.060053	-0.145898	-0.009105	0.473222	0.489324	0.292098	0.464634	0.411814	-0.193871	0.789955	0.415701	0.632593	0.176221	0.168035	-0.243373	0.446022	0.396535	0.018696	-0.005467	0.12936	0.135325	0.056641	-0.069408	0.035408	0.49928	0.573062	1		
U_ppm	0.367401	0.051286	0.179537	0.127391	-0.061058	0.236796	0.127293	0.079807	0.08915	0.214169	0.123648	0.391816	0.109495	-0.048057	0.282218	0.168418	0.627815	0.179967	0.179453	0.334815	0.007153	0.250008	0.302752	0.07809	0.168693	0.164686	0.177748	0.350357	0.369648	0.003197	0.310253	0.014456	0.271049	1	
V_ppm	-0.089368	0.705522	-0.018715	-0.046886	-0.177461	0.201131	-0.038763	-0.218534	-0.0899	0.456543	0.450351	0.207828	0.619837	0.736852	-0.276909	0.304395	-0.038799	0.53061	0.105649	0.153086	-0.00162	0.457081	0.116885	-0.106297	-0.211109	0.075406	0.422649	0.000514	-0.160812	-0.039323	0.094531	0.600126	0.29868	-0.095746	1
W	0.078536	-0.039119	0.072155	0.05317	0.041609	0.024381	0.263975	0.07636	0.094066	0.003822	-0.026898	0.054023	-0.006674	-0.102173	0.033568	-0.043128	0.004207	0.015691	0.011278	-0.021506	0.011613	0.067193	0.062082	0.06092	0.011712	0.10778	0.05585	0.047627	0.086449	0.004722	-0.028549	-0.076734	-0.043407	0.0226	-0.062917	1
Zn_ppm	0.639666	0.07575	0.231258	0.249113	0.037479	0.055628	0.206606	0.146872	0.87053	0.244666	0.032623	0.443874	0.191422	-0.026594	0.174005	0.095946	0.029743	0.246229	0.250814	0.130622	-0.047189	0.179391	0.140977	0.900926	0.06554	0.151977	0.145463	0.116611	0.266678	0.005015	0.004358	-0.022521	0.089258	0.121367	-0.03429	0.119004	1

Fig 6-3: Correlation Matrix for Soil Geochemistry Across Southern Anomaly


545000
550000
7040000
7035000
N
RYAN GOLD CORP
Fig.7-1: Flume: 2010-2011
Soil Kriging (Au)
February 21, 2012
WGS84
By: C.P.
1:50,000
0 375 750 1,500 2,250 3,000
Meters
Mile


545000
550000
7040000
7035000
N
RYAN GOLD CORP
Fig.7-2: Flume: 2010-2011
Soil Kriging (As)
February 21, 2012
WGS84
By: C.P.
1:50,000
0 375 750 1,500 2,250 3,000
Meters
Mile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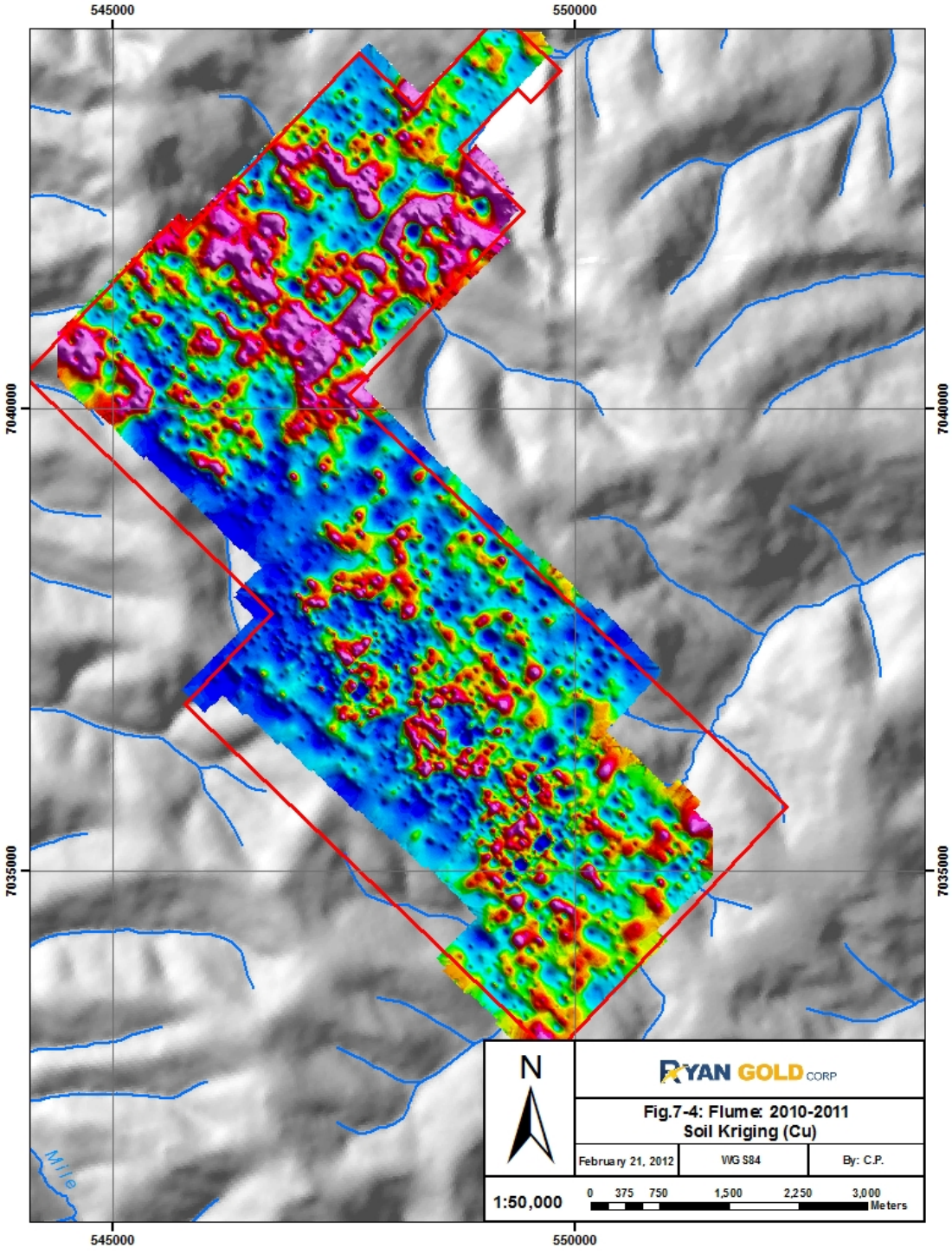
550000
7040000
7035000
N
RYAN GOLD CORP
Fig.7-3: Flume: 2010-2011
Soil Kriging (Cr)
February 21, 2012
WGS84
By: C.P.
1:50,000
0 375 750 1,500 2,250 3,000
Meters
Mile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550000
7040000
7035000
N
RYAN GOLD CORP
Fig.7-4: Flume: 2010-2011
Soil Kriging (Cu)
February 21, 2012
WGS84
By: C.P.
1:50,000
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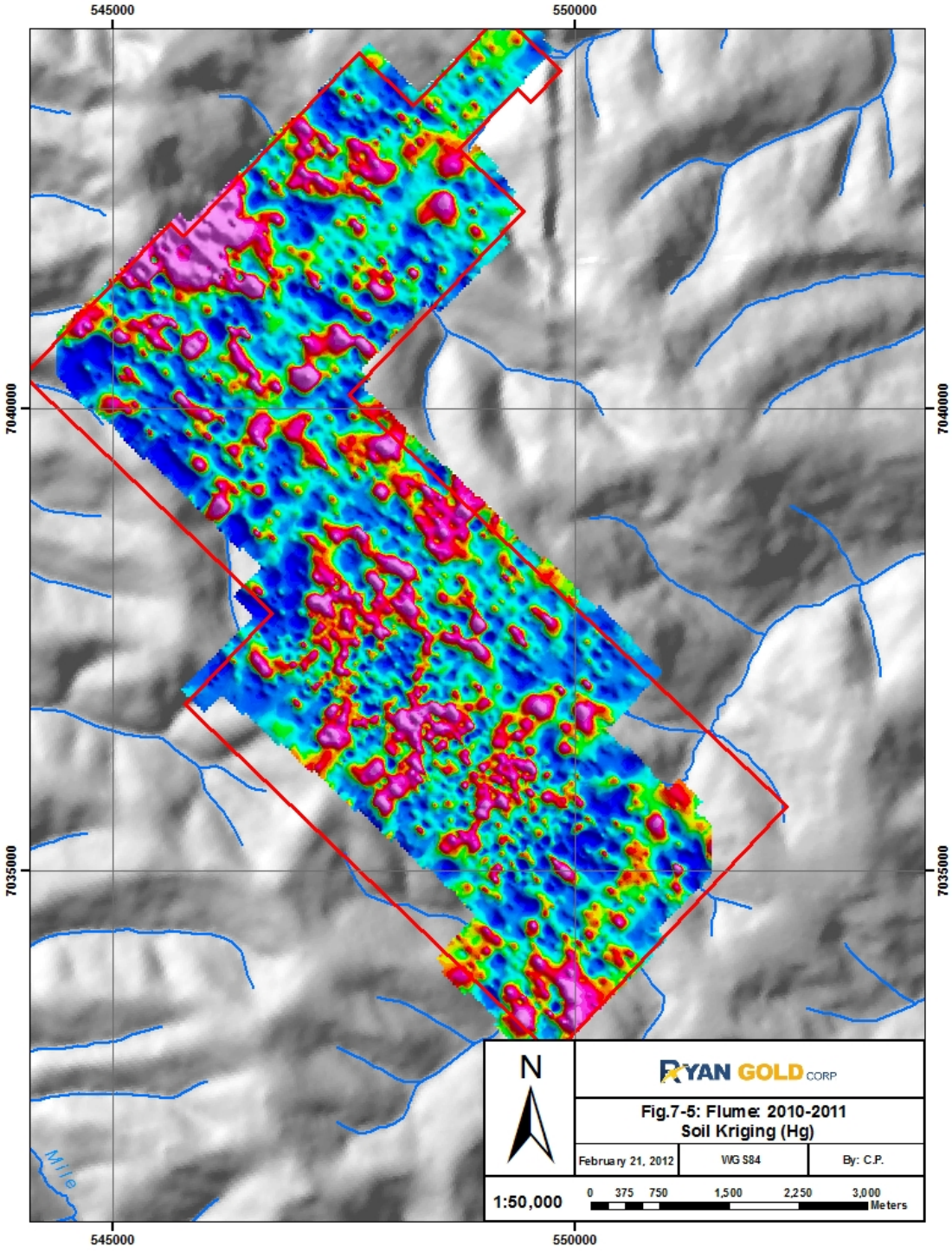
Meters
Mile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RYAN GOLD CORP
Fig.7-5: Flume: 2010-2011
Soil Kriging (Hg)
February 21, 2012
WGS84
By: C.P.
1:50,000
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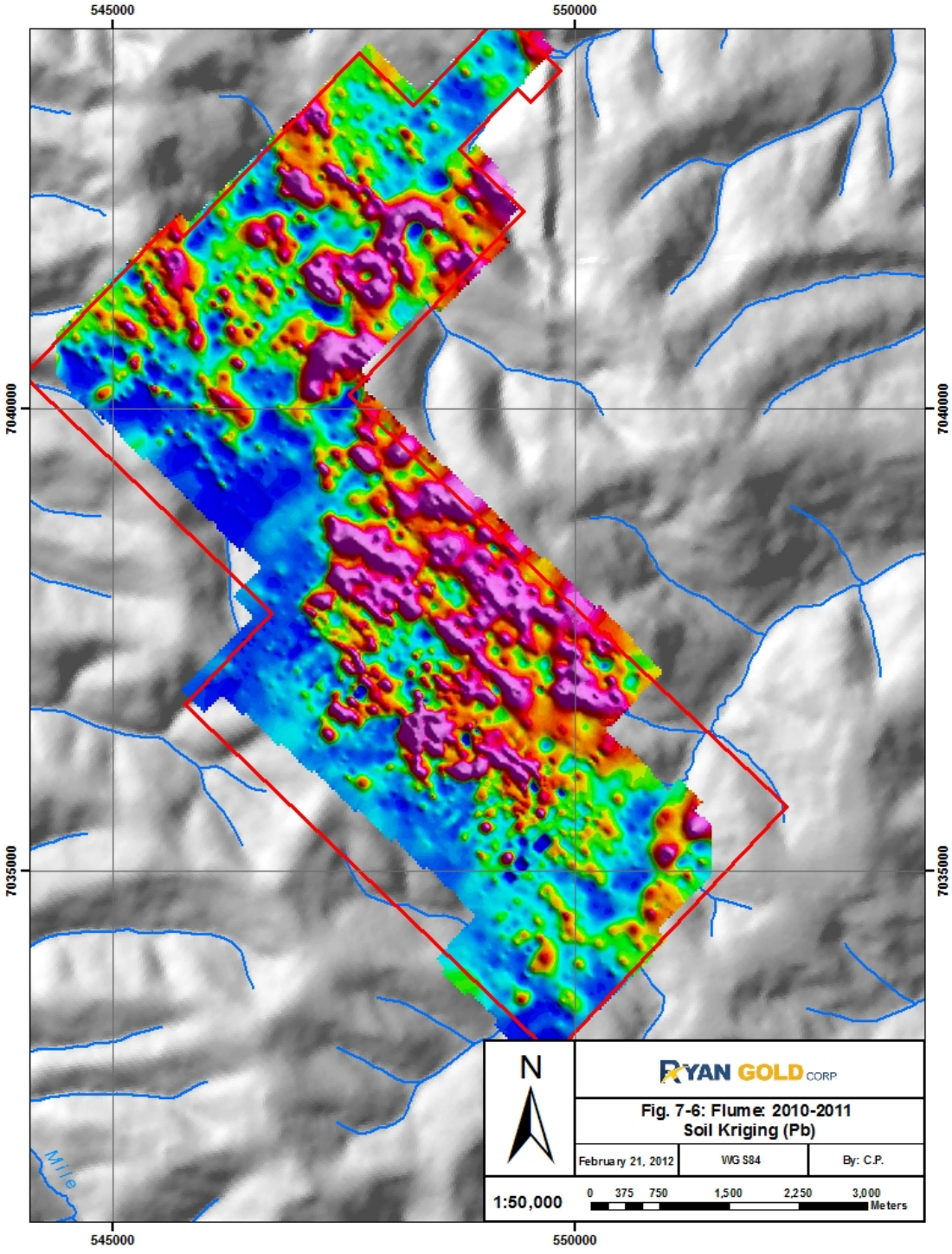
Meters
Mile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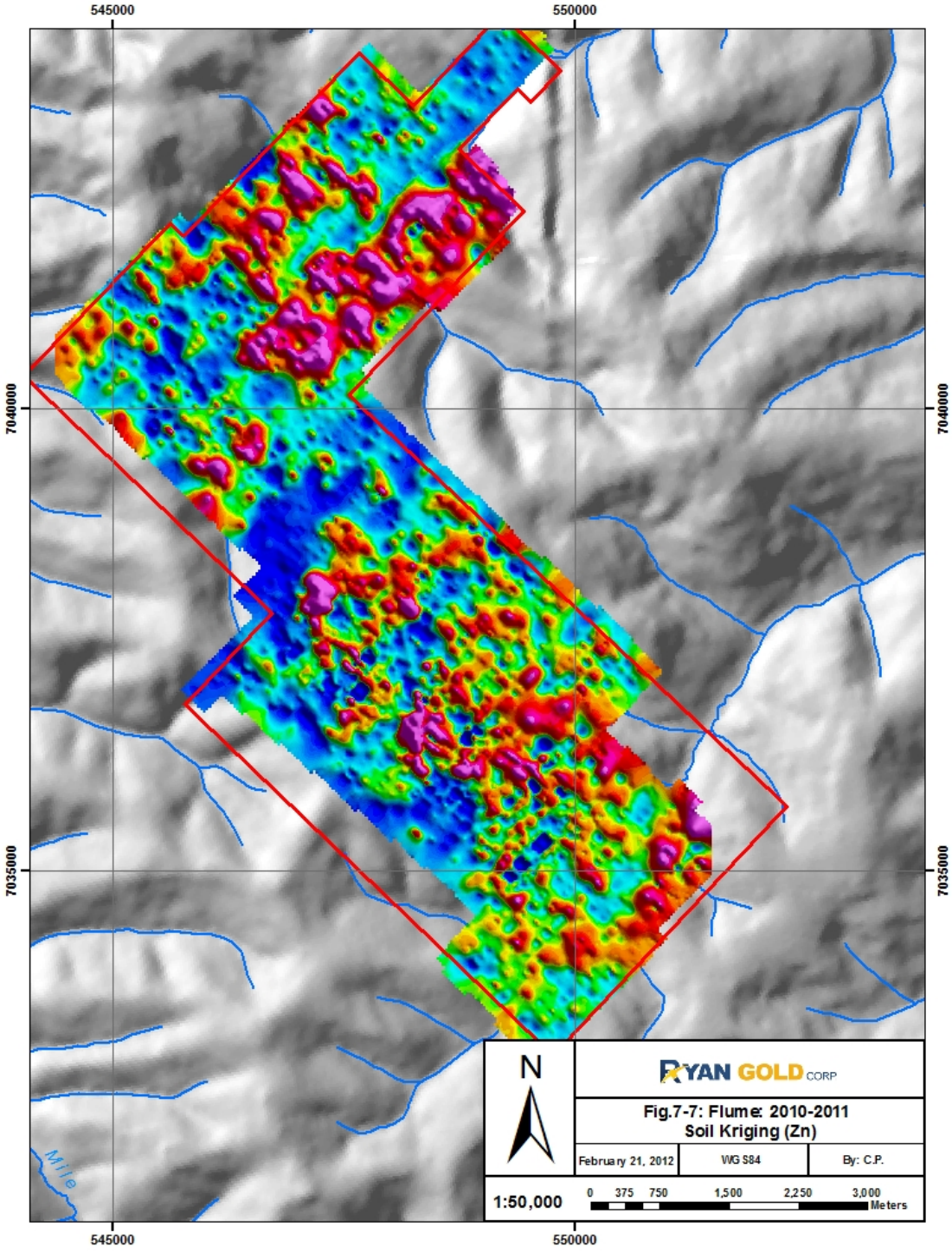
550000
7040000
7035000
N
RYAN GOLD CORP
Fig. 7-6: Flume: 2010-2011
Soil Kriging (Pb)
February 21, 2012
WGS84
By: C.P.
1:50,000
0 375 750 1,500 2,250 3,000
Meters
Mile


545000
550000
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RYAN GOLD CORP
Fig.7-7: Flume: 2010-2011
Soil Kriging (Zn)
February 21, 2012
WGS84
By: C.P.
1:50,000
0 375 750 1,500 2,250 3,000
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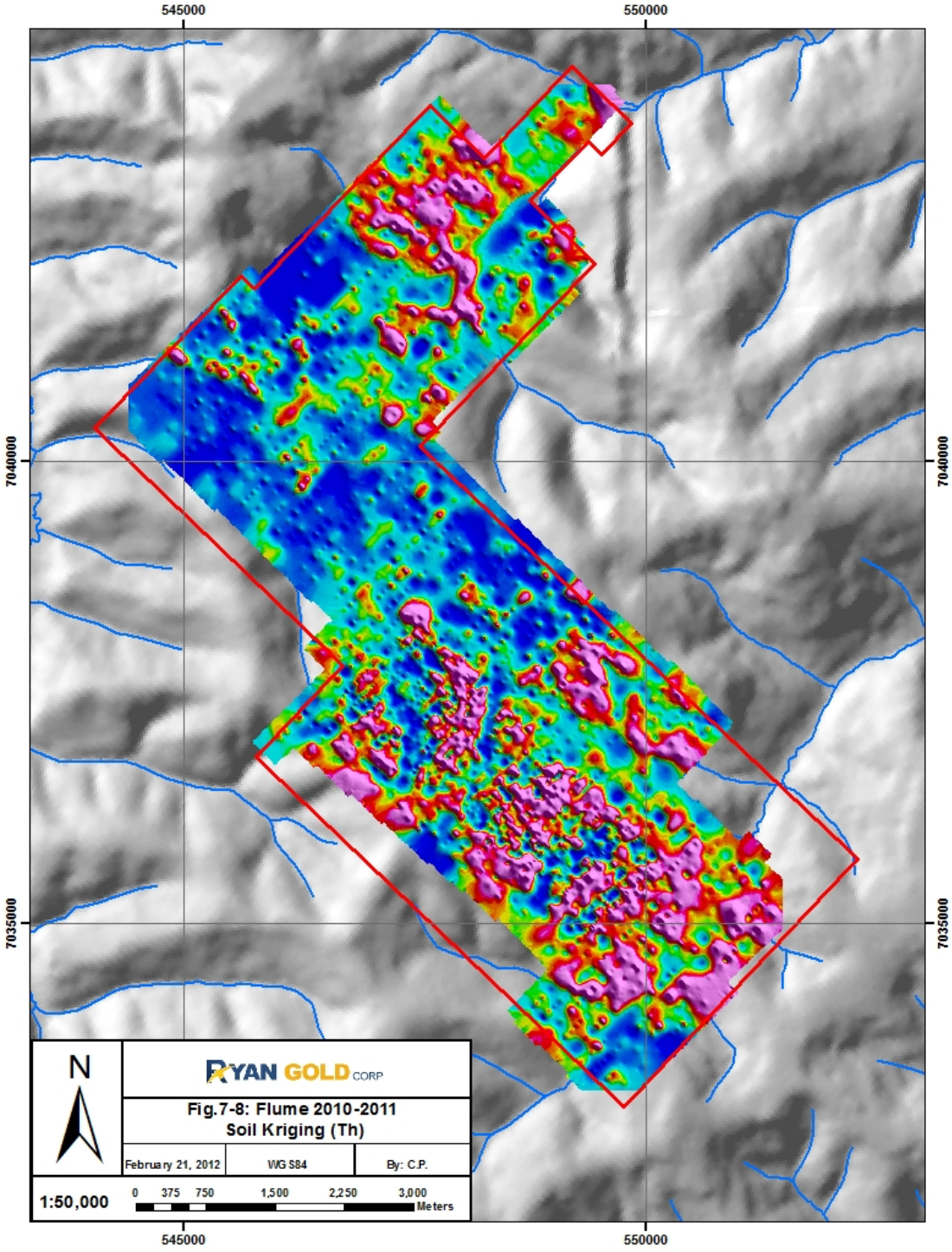
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RYAN GOLD CORP
Fig.7-8: Flume 2010-2011
Soil Kriging (Th)
February 21, 2012
WGS84
By: C.P.
1:50,000
0 375 750 1,500 2,250 3,000
Meters

mineralization in these areas. Targeting of these structures should be a high priority in the 2012 drilling program. In the southern anomaly, gold, arsenic and lead all tend to occur along several northwest trending structures that are truncated by the orthogneiss on the west side of the property. Gold, and to a lesser extent arsenic, is confined to the soils overlying the metasediments, marbles and calc-silicates. This is apparent in both the mapping done by CCIC in 2010 and Fjordland in 2003 (Figs.15,16). Gold in soils is restricted to only small, spotty anomalies where it overlies the orthogneiss to the east and is virtually non-existent in the orthogneiss to the west. The fact that the mineralization follows these contacts so well suggests that rheological contrasts between the two rock types may have caused the orthogneiss to act as a barrier to hydrothermal fluids during the mineralizing event. It's possible also that chemical conditions in the orthogneiss may not have provided a favourable depositional environment for gold.

8: Conclusions

The 2011 field season, which consisted of soil sampling by Groundtruth Exploration, was successful in increasing the resolution and accuracy of the soil anomalies. These anomalies were discovered and recorded by previous exploration by Phelps Dodge and CCIC. The 2011 soil sampling survey was conducted on a tighter spaced grid on the "southern" anomaly and helped establish the possible lithological and structural constraints on the gold mineralization.

The cretaceous granitic intrusive rocks and the Au-As-Pb have a clear spatial relationship on the property, especially in the northern portion. The "northern" anomaly occurs within metasedimentary rocks and at the contact with biotite quartz monzonite intrusions. This "southern" anomaly is spatially related to a sheared granite body and appears to be structurally controlled. The survey reinforced the evidence that the Au & other pathfinder elements follow a northwest-southeast trend in the southern portion of the map. This anomaly is truncated by the orthogneiss on the west side of the property. Minor N-S trending structures seem to offset this general trend. These N-S structures could possibly be the controls of mineralization with intersections of faults with certain lithological contacts being the point of hydrothermal fluid dispersion. This southern anomaly is

approximately 4000 m's x 800 m's.

9: Recommendations

The soil anomalies in this area have been sufficiently identified and constrained to initiate a drilling program. Prior to the drilling, fieldwork will need to be completed to confirm the geology at outcrop and identify potential drill sites and targets. Drilling should be focused on the southern anomaly and concentrated on discovering the extent of the anomaly along the NW-SE trend and also the width. Since little is know about the structural and lithological controls of mineralization oriented drill core is highly recommended for this program.

Also, mapping and other field work will be important to confirm work by previous companies and also increase the geological knowledge of the project's extremities. A camp location will need to be identified to facilitate staff for this program and the following field seasons.

10: Statement of Authorship

This report, titled " Flume Property Assessment Report 2011", and dated April 18, 2012 was prepared and signed by the following authors:

"Daniel Lake"

_____

Daniel Lake B.Sc., G.I.T.

April 24, 2012

"Chris Paul"

Chris Paul

April 24, 2012

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Flume Soil Sample Data 2011

Sample #	SampleType	Soil Texture	Soil Horizon	Sample Depth	Terrain	Easting	Northing	Au (ppb) ICPMS	As (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	Th (ppm)	Bi (ppm)	Ba (ppm)	W (ppm)	Hg (ppm)
1008071	Soil	Clay	B	50	Pronounced Slope	547164	7037208	4.7	5.4	0.1	12.6	10.1	62	0.3	3.5	0.2	222	0.1	0.03
1008072	Soil	Clay	C	60	Pronounced Slope	547134	7037180	1.7	5.1	0.05	14	10	74	0.3	6.2	0.2	270	0.2	0.02
1008073	Soil	Clay	C	60	Pronounced Slope	547108	7037151	3	4.6	0.1	21.8	9	81	0.3	4.5	0.2	369	0.2	0.03
1008074	Soil	Clay	B	40	Subtle Slope	547228	7036933	1.6	6.4	0.05	15	12.4	44	0.3	4	0.2	227	0.1	0.03
1008075	Soil	Clay	B	40	Pronounced Slope	547661	7036458	0.25	4.7	0.05	13.9	10.5	52	0.4	1.9	0.2	100	0.1	0.02
1008076	Soil	Clay	B	50	Pronounced Slope	547689	7036487	0.25	6.3	0.1	22	11.5	74	0.4	4.9	0.2	220	0.1	0.03
1008077	Soil	Sand	C	60	Pronounced Slope	547718	7036516	14.2	8.8	0.1	18.5	9.6	78	0.4	6.1	0.1	193	0.2	0.02
1008079	Soil	Clay	B	60	Pronounced Slope	547745	7036545	1.3	6.1	0.2	17.9	10.4	74	0.4	3.5	0.2	224	0.2	0.05
1008080	Soil	Clay	B	40	Pronounced Slope	547773	7036574	4.5	10.2	0.1	18.2	10.8	85	0.4	5.5	0.2	244	0.2	0.02
1008081	Soil	Clay	B	50	Pronounced Slope	547801	7036602	3	6.7	0.1	20.7	10.8	78	0.4	4.4	0.2	279	0.2	0.05
1008082	Soil	Clay	B	40	Subtle Slope	547856	7036658	4.8	33.6	0.2	27.4	14.2	92	0.5	4.5	0.1	270	0.2	0.05
1008083	Soil	Clay	B	40	Subtle Slope	547885	7036687	22.2	97	0.4	39.7	20.1	75	0.5	7.1	0.2	306	0.1	0.02
1008084	Soil	Clay	C	50	Pronounced Slope	547913	7036717	6.5	42.4	0.3	27.2	17.7	61	0.4	5.6	0.2	267	0.1	0.02
1008085	Soil	Clay	C	60	Subtle Slope	547942	7036745	14	53.2	0.3	33.7	23.3	71	0.5	4.5	0.2	295	0.1	0.04
1008086	Soil	Clay	C	60	Subtle Slope	547969	7036773	9.9	60	0.3	33.3	33.5	73	0.5	4	0.2	311	0.2	0.04
1008088	Soil	Clay	C	70	Subtle Slope	547998	7036802	6.8	60.3	0.2	33	20.4	74	0.6	5.3	0.2	314	0.1	0.04
1008089	Soil	Clay	C	60	Subtle Slope	548026	7036831	11.6	74.3	0.2	38	19.7	79	0.7	5.2	0.2	327	0.2	0.03
1008090	Soil	Clay	C	60	Subtle Slope	548054	7036859	15.1	52.1	0.2	27.7	16.2	64	0.5	4.3	0.2	310	0.2	0.04
1008091	Soil	Clay	C	60	Subtle Slope	548081	7036888	9.5	30.7	0.05	25.1	15.8	68	0.5	6.5	0.2	304	0.1	0.02
1008092	Soil	Clay	C	50	Subtle Slope	548110	7036916	5.1	20.6	0.05	20	14.9	72	0.4	6.1	0.1	280	0.1	0.01
1008093	Soil	Clay	C	60	Subtle Slope	548138	7036946	7.3	24.8	0.1	29.1	13.3	67	0.6	4.8	0.2	302	0.2	0.03
1008094	Soil	Clay	C	50	Pronounced Slope	548165	7036973	2.8	6.2	0.1	14	10.7	41	0.4	3.2	0.2	244	0.1	0.02
1008095	Soil	Clay	C	70	Pronounced Slope	548195	7037004	0.25	6.1	0.05	15.1	7.3	42	0.4	4.9	0.1	377	0.1	0.01
1008096	Soil	Clay	B	40	Pronounced Slope	548223	7037032	1.3	8.2	0.05	15.9	10	46	0.4	3.3	0.2	283	0.1	0.01
1008097	Soil	Clay	B	70	Pronounced Slope	548250	7037061	2.3	12.8	0.2	32.9	14.8	58	0.6	2.6	0.2	396	0.1	0.04
1008098	Soil	Clay	B	70	Pronounced Slope	548278	7037089	2.5	12.5	0.2	27.7	15.3	64	0.5	1.7	0.2	273	0.2	0.05
1008099	Soil	Clay	B	50	Pronounced Slope	548305	7037117	1.6	13.1	0.1	30.9	12	59	0.7	1.8	0.2	301	0.2	0.05
1008100	Soil	Clay	B	70	Pronounced Slope	548331	7037143	3.9	21.1	0.2	31.9	14.7	59	0.7	1.6	0.2	275	0.2	0.04
1060551	Soil	Sand	C	70	Subtle Slope	548058	7036407	3.8	7.1	0.05	18.4	10.3	65	0.4	4.9	0.7	279	0.2	0.04
1060552	Soil	Sand	C	70	Pronounced Slope	548030	7036377	3.2	5.8	0.1	21.2	10.8	71	0.4	5.4	0.4	285	0.1	0.04
1060553	Soil	Sand	C	100	Pronounced Slope	548001	7036349	1.9	6.4	0.1	21.8	12	72	0.4	6.6	0.4	268	0.1	0.04
1060554	Soil	Sand	C	50	Pronounced Slope	547974	7036320	3.5	6.3	0.2	22.7	10.9	74	0.5	5.7	0.3	283	0.2	0.05
1060555	Soil	Sand	C	80	Pronounced Slope	547944	7036291	3.2	5.9	0.2	19.4	11.4	65	0.4	5.1	0.2	230	0.2	0.03
1060556	Soil	Silt	B	50	Pronounced Slope	547918	7036264	3.3	6.4	0.05	19.3	8.9	61	0.4	6.2	0.1	240	0.1	0.03
1060557	Soil	Sand	C	40	Pronounced Slope	547890	7036235	1.9	5.9	0.05	16.4	9.2	63	0.4	6.1	0.1	179	0.1	0.03
1060558	Soil	Silt	B	50	Subtle Slope	548463	7035676	2.2	9.3	0.05	18.8	10.7	52	0.6	6.7	0.2	157	0.1	0.03
1060559	Soil	Sand	C	70	Flat	548491	7035704	1.2	6.8	0.05	26.3	10.2	54	0.5	9.1	0.3	181	0.1	0.04
1060560	Soil	Silt	B	30	Flat	548518	7035733	0.25	7.4	0.05	13.7	10.6	43	0.5	3.7	0.2	113	0.1	0.02
1060561	Soil	Sand	C	30	Pronounced Slope	548546	7035761	0.25	7.4	0.05	12.7	12.8	51	0.5	3.1	0.2	116	0.1	0.02
1060562	Soil	Sand	C	50	Subtle Slope	548574	7035790	1.8	7.2	0.05	18.7	10.6	58	0.4	6.5	0.2	190	0.1	0.02
1060563	Soil	Sand	C	30	Pronounced Slope	548602	7035819	1.1	5.6	0.05	23.5	9.4	57	0.5	6.1	0.2	184	0.1	0.03
1060564	Soil	Sand	C	50	Pronounced Slope	548630	7035847	1.9	6.6	0.05	22.7	10.1	60	0.5	7.1	0.2	243	0.1	0.02
1060565	Soil	Silt	B	30	Pronounced Slope	548658	7035876	0.8	5.3	0.05	17.7	8.3	52	0.4	2.9	0.1	144	0.1	0.03
1060566	Soil	Silt	B	70	Pronounced Slope	548686	7035904	1.6	8.2	0.1	21.9	11.5	58	0.4	5.3	0.2	224	0.1	0.03
1060567	Soil	Silt	B	30	Pronounced Slope	548714	7035934	6.9	4.3	0.05	14.2	9.9	42	0.2	0.6	0.2	130	0.05	0.02
1060568	Soil	Silt	B	20	Pronounced Slope	548742	7035962	0.25	5.9	0.5	30.4	12.5	51	0.3	3.4	0.2	254	0.05	0.02
1060569	Soil	Sand	C	50	Pronounced Slope	548772	7035991	9.8	26.5	0.05	20.9	45.5	90	0.7	16	0.2	217	0.2	0.02
1060570	Soil	Sand	C	60	Pronounced Slope	548798	7036019	59.6	179.3	0.3	70.6	94.7	193	0.7	11.2	0.3	256	0.2	0.02
1060571	Soil	Sand	C	60	Pronounced Slope	548826	7036047	186.5	306.8	0.6	43.1	276	198	0.6	6.8	0.2	188	0.2	0.03
1060572	Soil	Silt	B	70	Pronounced Slope	548855	7036077	90.8	242.2	0.5	39.6	78.8	140	0.5	8.3	0.2	170	0.1	0.03
1060573	Soil	Sand	C	40	Pronounced Slope	548882	7036104	22.7	128.1	0.3	37.6	39.4	115	0.5	5.9	0.2	143	0.1	0.02
1060574	Soil	Silt	B	40	Pronounced Slope	548910	7036133	46.8	388.1	0.9	50.3	63.1	143	0.6	4.7	0.2	237	0.05	0.03
1060575	Soil	Silt	B	80	Pronounced Slope	548938	7036163	110.2	147.1	0.3	39.9	44.9	111	0.8	10	0.2	187	0.1	0.02
1060577	Soil	Sand	C	60	Pronounced Slope	548966	7036189	43.5	197.8	0.3	41.9	66.5	128	0.7	14.1	0.2	191	0.1	0.02
1060579	Soil	Sand	C	60	Pronounced Slope	548994	7036220	15.2	107.9	0.2	43	22.6	99	0.6	10.4	0.2	314	0.2	0.02
1060580	Soil	Silt	B	60	Pronounced Slope	549022	7036248	11.3	109.4	0.2	33.2	24.8	92	0.8	11.6	0.2	243	0.2	0.03
1060581	Soil	Silt	B	90	Pronounced Slope	549050	7036276	20.4	184	0.2	45.4	35.1	119	0.8	11.6	0.2	290	0.1	0.005
1060583	Soil	Silt	B	70	Pronounced Slope	549078	7036305	14.1	98.8	0.9	32.7	35.5	78	0.5	9.6	0.4	259	0.2	0.03
1060584	Soil	Silt	B	60	Pronounced Slope	549105	7036333	12.3	41	0.8	41.7	28.2	78	0.6	12	0.2	154	0.1	0.03
1060585	Soil	Clay	B	80	Pronounced Slope	549135	7036363	8	24.7	0.8	32.6	27.2	69	0.4	9.3	0.3	244	0.1	0.05

Sample #	SampleType	Soil Texture	Soil Horizon	Sample Depth	Terrain	Easting	Northing	Au (ppb) ICPMS	As (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	Th (ppm)	Bi (ppm)	Ba (ppm)	W (ppm)	Hg (ppm)
1060586	Soil	Clay	B	50	Pronounced Slope	549190	7036419	5.6	79.8	0.4	23	25	77	0.4	3.8	0.2	272	0.1	0.04
1060587	Soil	Silt	B	70	Pronounced Slope	549217	7036448	18.2	118.8	0.4	29.5	29.9	100	0.5	6.4	0.2	316	0.1	0.04
1060588	Soil	Silt	B	60	Pronounced Slope	549246	7036477	8.9	61.4	0.3	22.8	21	79	0.5	5.9	0.2	306	0.2	0.04
1060589	Soil	Silt	B	40	Pronounced Slope	549275	7036507	3.8	119.2	0.3	50.9	22.8	134	1.1	8.7	0.3	336	0.1	0.03
1060590	Soil	Sand	C	50	Pronounced Slope	549302	7036534	6.1	134.3	0.2	25.2	23.2	99	0.8	7	0.2	197	0.1	0.02
1060591	Soil	Clay	B	50	Pronounced Slope	548864	7035285	3.4	28.9	0.2	27	12.5	54	1	1	0.2	257	0.2	0.05
1060592	Soil	Clay	B	60	Pronounced Slope	548893	7035314	2.2	22.3	0.1	22.5	10	45	0.9	0.9	0.2	240	0.2	0.05
1060593	Soil	Silt	B	30	Pronounced Slope	548921	7035344	0.25	64.9	0.2	27.2	13.8	64	1.2	1.7	0.2	287	0.3	0.05
1060594	Soil	Silt	B	30	Pronounced Slope	548949	7035372	7.6	64.3	0.2	30.2	15.8	77	1	3.1	0.2	267	0.3	0.04
1060595	Soil	Sand	C	50	Pronounced Slope	548976	7035399	9.8	80.7	0.05	22.7	14.1	74	1.2	3.9	0.2	233	0.3	0.03
1060596	Soil	Sand	C	50	Pronounced Slope	549004	7035429	12.5	88.2	0.05	28	18.2	68	1.2	5.1	0.2	300	0.3	0.02
1060597	Soil	Sand	C	40	Pronounced Slope	549033	7035459	14.2	102.9	0.05	21.7	149.9	63	1.1	2.5	0.5	91	0.6	0.01
1060598	Soil	Sand	C	30	Pronounced Slope	549061	7035486	4	37.3	0.05	12	48	42	0.6	2.4	0.4	58	0.4	0.01
1060599	Soil	Sand	C	60	Subtle Slope	549089	7035516	11	53.4	0.05	30.4	16.2	70	0.7	13.4	0.2	412	0.1	0.03
1060600	Soil	Silt	B	30	Subtle Slope	549116	7035544	16	225.6	0.2	36.7	11.7	81	1.3	4.2	0.2	525	0.1	0.02
1062051	Soil	Sand	B	30	Subtle Slope	547775	7036347	2.9	5.6	0.05	21.7	9.9	61	0.3	5.5	0.3	228	0.1	0.02
1062052	Soil	Sand	B	40	Subtle Slope	547803	7036375	1.7	6.6	0.05	17.8	10.8	60	0.3	5.3	0.2	234	0.1	0.02
1062053	Soil	Sand	B	40	Subtle Slope	547831	7036404	1.6	6.3	0.1	19.4	9.7	60	0.4	3.9	0.2	195	0.1	0.02
1062054	Soil	Sand	B	30	Subtle Slope	547860	7036432	1	6.1	0.1	12.6	9.5	52	0.3	3.1	0.2	138	0.05	0.02
1062055	Soil	Sand	B	30	Subtle Slope	547888	7036462	2.7	5.1	0.05	15.6	9.2	56	0.3	4.9	0.1	189	0.1	0.02
1062056	Soil	Sand	B	40	Subtle Slope	547916	7036490	2.7	5.7	0.05	17.2	10	61	0.3	4.7	0.1	220	0.1	0.02
1062057	Soil	Sand	B	50	Subtle Slope	547944	7036518	3.2	6.4	0.1	17.5	9.4	57	0.3	3.5	0.2	219	0.1	0.03
1062058	Soil	Sand	B	50	Subtle Slope	547971	7036547	4.1	6.4	0.1	15.8	9.9	55	0.3	2.5	0.2	185	0.1	0.04
1062059	Soil	Sand	B	50	Subtle Slope	548000	7036575	3.2	5.6	0.05	15.9	8.7	57	0.3	4.1	0.1	193	0.2	0.03
1062060	Soil	Silt	B	50	Subtle Slope	548083	7036662	6.7	127.5	0.1	19	13.6	76	0.4	4.2	0.1	258	0.1	0.06
1062061	Soil	Silt	B	70	Subtle Slope	548138	7036719	34.7	33.1	0.5	31.6	44	75	0.5	2	0.2	415	0.2	0.06
1062062	Soil	Sand	B	40	Subtle Slope	548168	7036747	14.2	30.8	0.05	22.3	14.2	56	0.4	5.2	0.2	334	0.1	0.03
1062063	Soil	Sand	B	50	Subtle Slope	548195	7036776	16.4	24.8	0.05	22.5	15.1	52	0.4	5.5	0.3	283	0.05	0.02
1062064	Soil	Sand	B	30	Subtle Slope	548222	7036802	15.4	47.7	0.3	57.1	17.3	65	0.8	2.9	0.3	257	0.2	0.04
1062065	Soil	Silt	B	70	Subtle Slope	548248	7036833	3.7	17.6	0.1	29.1	12.3	51	0.5	1.4	0.2	241	0.1	0.05
1062066	Soil	Silt	B	60	Subtle Slope	548279	7036860	2.9	18.4	0.2	35.9	18.7	99	0.5	1.4	0.2	233	0.2	0.03
1062067	Soil	Silt	B	60	Subtle Slope	548305	7036889	44	74.7	0.7	51.5	439.7	377	0.7	1.6	0.2	266	0.1	0.06
1062068	Soil	Silt	B	40	Subtle Slope	548333	7036918	2.9	35.6	0.2	29.8	15.7	61	0.6	1.8	0.2	273	0.2	0.03
1062069	Soil	Sand	B	60	Subtle Slope	548363	7036945	9.8	93.7	0.2	29.2	14.3	60	0.6	2.3	0.2	271	0.1	0.05
1062070	Soil	Silt	B	50	Subtle Slope	548391	7036974	16.1	135.1	0.8	35.9	18	74	0.6	3.8	0.2	322	0.1	0.04
1062071	Soil	Silt	B	30	Subtle Slope	548419	7037002	11.6	237.6	0.8	26.5	33.4	69	0.6	4.9	0.2	346	0.1	0.03
1062072	Soil	Silt	B	40	Subtle Slope	548448	7037030	3.4	20.4	0.2	30.2	9.3	44	0.3	4.4	0.1	251	0.1	0.03
1062073	Soil	Sand	C	60	Subtle Slope	548474	7037060	0.8	14.4	0.3	25.7	19.4	72	0.2	4.8	0.2	189	0.05	0.01
1062075	Soil	Silt	B	30	Pronounced Slope	548503	7037089	16.5	131.9	0.4	35.6	54.6	106	0.8	9.7	0.2	219	0.1	0.02
1062076	Soil	Sand	B	30	Subtle Slope	548529	7037119	7.3	54.7	0.2	21.1	11.3	51	0.5	3.8	0.3	208	0.05	0.03
1062077	Soil	Sand	B	20	Subtle Slope	548558	7037145	2	40.8	1.4	20.3	20.6	138	0.6	3.9	0.3	214	0.1	0.03
1062078	Soil	Silt	B	40	Subtle Slope	548587	7037176	19.3	35.2	0.6	25.2	21.3	145	0.6	4.2	0.3	282	0.05	0.03
1062079	Soil	Silt	B	40	Subtle Slope	548613	7037204	9.5	28.3	0.05	28.7	24.1	61	0.4	6.3	0.2	265	0.05	0.03
1062080	Soil	Sand	B	30	Subtle Slope	548062	7036068	6.6	7.4	0.1	16.6	14.2	73	0.4	4.7	0.2	172	0.2	0.03
1062081	Soil	Silt	B	60	Subtle Slope	548093	7036101	12.1	56.8	0.2	22.6	14	71	0.4	2.9	0.1	206	0.1	0.03
1062082	Soil	Silt	B	60	Subtle Slope	548121	7036130	17.6	87.8	0.2	23.4	14.5	72	0.6	2.4	0.1	280	0.3	0.04
1062083	Soil	Sand	B	60	Subtle Slope	548151	7036158	6.7	74.2	0.1	20.3	13.8	76	0.5	3.5	0.1	385	0.2	0.03
1062084	Soil	Silt	A	40	Subtle Slope	548178	7036187	15	127	0.3	23.2	19.5	148	0.6	2.6	0.2	418	0.2	0.05
1062085	Soil	Silt	A	70	Subtle Slope	548206	7036215	13.4	124.8	0.3	25	31	105	0.5	2.3	0.2	248	0.4	0.04
1062086	Soil	Silt	A	60	Subtle Slope	548235	7036245	9.1	116.4	0.2	19.2	22.7	72	0.6	3	0.1	229	0.1	0.04
1062087	Soil	Sand	B	50	Subtle Slope	548262	7036272	65.2	401.8	0.6	41.6	26.5	95	1	5.8	0.2	314	2.8	0.04
1062088	Soil	Silt	A	40	Subtle Slope	548290	7036301	49.5	308.9	1.1	38.5	83.8	189	0.8	2.5	0.1	322	0.1	0.07
1062089	Soil	Sand	B	40	Subtle Slope	548318	7036330	29.9	291.8	0.3	33.5	27.8	103	0.5	7.2	0.2	302	0.1	0.04
1062090	Soil	Sand	B	20	Subtle Slope	548347	7036358	23.6	292.5	0.1	26.6	21	59	0.5	4.3	0.2	113	0.1	0.04
1062091	Soil	Sand	B	40	Subtle Slope	548403	7036416	42.6	433	0.3	38.9	39.5	123	0.7	6.3	0.2	139	0.2	0.05
1062092	Soil	Silt	B	30	Subtle Slope	548431	7036444	6.2	54.9	0.4	23	18.7	26	0.2	0.05	0.1	88	0.05	0.06
1062093	Soil	Sand	B	30	Subtle Slope	548457	7036473	180	949.8	0.5	37.4	214.5	179	1.2	7.7	0.3	132	0.2	0.04
1062094	Soil	Sand	B	30	Subtle Slope	548486	7036502	154.2	733	0.8	46.2	126.9	170	0.7	4.2	0.2	147	0.2	0.04
1062095	Soil	Sand	B	40	Subtle Slope	548901	7036925	5.1	17.7	0.2	30.9	24.5	54	0.5	4.4	0.05	337	0.2	0.03
1062096	Soil	Sand	C	70	Subtle Slope	548881	7036902	3.9	28.6	0.6	39.5	50.2	80	0.6	3.6	0.2	348	0.1	0.03

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Sample #	SampleType	Soil Texture	Soil Horizon	Sample Depth	Terrain	Easting	Northing	Au (ppb) ICPMS	As (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	Th (ppm)	Bi (ppm)	Ba (ppm)	W (ppm)	Hg (ppm)
1062097	Soil	Sand	B	50	Subtle Slope	548852	7036873	7.7	46.1	0.3	29.6	28.2	86	0.7	4.9	0.1	310	0.1	0.02
1062098	Soil	Sand	B	60	Subtle Slope	548824	7036845	21.5	50.2	0.6	35.7	33.3	95	0.6	3.4	0.2	489	0.2	0.02
1062099	Soil	Silt	B	40	Pronounced Slope	548796	7036817	3.3	46.7	0.7	41.1	23.5	93	0.8	2.6	0.2	618	0.2	0.03
1062100	Soil	Sand	B	40	Subtle Slope	548739	7036759	15	79.5	0.2	11.2	16.1	51	0.3	2.3	0.1	122	0.2	0.04
1062251	Soil	Sand	C	70	Pronounced Slope	547599	7036739	5.4	97.5	0.1	32.1	17.6	75	0.5	4	0.2	192	0.1	0.03
1062252	Soil	Silt	B	50	Pronounced Slope	547627	7036768	5.4	75.5	0.1	24.4	26.8	76	0.5	1.6	0.2	199	0.1	0.04
1062253	Soil	Silt	B	50	Pronounced Slope	547657	7036798	4.6	110.2	0.2	25.7	31.5	72	0.6	1.2	0.2	188	0.1	0.05
1062254	Soil	Sand	C	50	Pronounced Slope	547684	7036825	15.4	105.7	0.1	27.4	13.5	51	0.5	4	0.2	157	0.1	0.02
1062255	Soil	Silt	B	50	Pronounced Slope	547711	7036854	27	44	0.1	21.4	16	54	0.5	3.3	0.3	170	0.1	0.02
1062256	Soil	Silt	B	50	Pronounced Slope	547740	7036883	57.4	26.9	0.05	33.7	14.1	63	0.5	5	0.3	280	0.1	0.02
1062257	Soil	Silt	B	50	Pronounced Slope	547768	7036911	8.1	62.4	0.2	24.3	21.7	60	0.5	4.6	0.2	148	0.1	0.01
1062258	Soil	Silt	B	50	Pronounced Slope	547795	7036934	10.4	55.1	0.05	35.4	23	75	0.5	5.4	0.2	260	0.1	0.02
1062259	Soil	Silt	B	50	Pronounced Slope	547824	7036969	11.9	91.6	0.1	32.5	36.8	98	0.8	5.7	0.2	251	0.1	0.02
1062260	Soil	Sand	C	50	Pronounced Slope	547853	7036998	26	86.8	0.2	44.8	30.2	91	0.7	10.1	0.3	236	0.05	0.02
1062261	Soil	Silt	B	40	Steep	547882	7037026	841.1	172.2	0.4	38.7	39.4	99	0.9	5.2	0.2	218	0.05	0.02
1062262	Soil	Silt	B	50	Pronounced Slope	547908	7037054	29.9	92.1	0.1	36.6	23.8	78	0.7	7.3	0.2	260	0.05	0.03
1062263	Soil	Silt	B	50	Pronounced Slope	547935	7037081	41.3	63	0.2	38.3	23.7	74	0.7	7.2	0.2	289	0.05	0.03
1062264	Soil	Silt	B	70	Pronounced Slope	547963	7037111	13.1	38.2	0.05	30.9	22	72	0.6	7.4	0.2	318	0.1	0.02
1062265	Soil	Sand	C	40	Pronounced Slope	547992	7037139	275.2	17.9	0.1	31.5	11.9	56	0.5	7.6	0.2	228	0.1	0.02
1062266	Soil	Silt	B	60	Steep	548019	7037168	3.1	8.4	0.05	19.7	9.9	53	0.4	5.8	0.1	326	0.1	0.02
1062267	Soil	Sand	C	40	Pronounced Slope	548047	7037196	1.6	5.8	0.05	29.9	10.4	58	0.3	9	0.2	313	0.2	0.02
1062268	Soil	Silt	B	50	Pronounced Slope	548076	7037226	1.7	7.2	0.05	27.7	9.2	53	0.5	6.1	0.1	331	0.2	0.02
1062269	Soil	Silt	B	50	Pronounced Slope	548104	7037254	1.5	5.9	0.05	20.4	11.6	53	0.5	6.8	0.2	389	0.1	0.02
1062270	Soil	Sand	C	50	Pronounced Slope	548132	7037284	1.5	4.9	0.05	16.1	14.9	63	0.4	13.2	0.2	527	0.05	0.01
1062271	Soil	Silt	B	50	Pronounced Slope	548160	7037312	3.1	6.6	0.05	20.9	12.2	60	0.5	8.8	0.2	397	0.1	0.02
1062272	Soil	Sand	C	40	Pronounced Slope	548187	7037339	1.5	6.5	0.05	15.6	12.9	63	0.4	6.6	0.2	184	0.1	0.02
1062273	Soil	Sand	C	50	Steep	548216	7037369	0.7	6.3	0.05	20.2	12.8	64	0.4	9.2	0.2	184	0.1	0.02
1062274	Soil	Sand	C	60	Pronounced Slope	548244	7037397	3.3	8.7	0.05	20.5	13.4	60	0.5	9.1	0.2	222	0.05	0.02
1062275	Soil	Sand	C	50	Pronounced Slope	548272	7037427	1.6	3.9	0.05	15.8	15.5	71	0.4	5.8	0.2	349	0.05	0.02
1062276	Soil	Sand	C	60	Subtle Slope	548299	7037454	1.4	4.2	0.1	36.8	14	100	0.4	2.3	0.1	546	0.05	0.02
1062277	Soil	Silt	B	20	Flat	548328	7037483	1.3	10.4	0.05	16.9	14.4	48	0.5	3.1	0.3	325	0.1	0.02
1062279	Soil	Sand	C	60	Pronounced Slope	548729	7037092	25.6	139.2	0.5	40.3	44.5	125	0.8	10.7	0.2	565	0.1	0.03
1062280	Soil	Silt	B	30	Pronounced Slope	548702	7037064	4.7	61.2	0.4	33.3	26.7	122	0.6	2.5	0.2	297	0.2	0.02
1062281	Soil	Silt	B	50	Pronounced Slope	548674	7037037	7.7	68.9	0.5	30.4	25.4	84	0.6	7.4	0.2	560	0.2	0.02
1062282	Soil	Silt	B	70	Pronounced Slope	548645	7037007	6.6	77.7	0.4	36.4	23.9	81	0.8	7.9	0.2	1065	0.1	0.03
1062283	Soil	Sand	C	50	Pronounced Slope	548617	7036978	8.8	60.2	0.3	35.4	40.8	85	0.8	8.1	0.2	715	0.1	0.02
1062284	Soil	Sand	C	50	Pronounced Slope	548590	7036950	7.7	93.8	0.2	60.2	28.2	100	1.3	5.6	0.2	456	0.05	0.02
1062285	Soil	Sand	C	30	Steep	548562	7036922	3.3	52	0.1	42.9	18.8	88	0.8	5.2	0.2	462	0.05	0.02
1062286	Soil	Silt	B	70	Pronounced Slope	548533	7036893	4.2	43.7	0.3	32.4	25.7	60	0.6	5	0.2	418	0.2	0.03
1062287	Soil	Sand	C	70	Pronounced Slope	548507	7036864	10.8	102.1	0.6	48.7	20.5	115	1	5.9	0.2	1093	0.2	0.02
1062288	Soil	Sand	C	60	Pronounced Slope	548478	7036835	6	100	0.3	45.8	15.2	115	0.9	4.8	0.3	1506	0.2	0.02
1062289	Soil	Sand	C	30	Pronounced Slope	548450	7036806	10.9	68.2	0.8	54.3	15.5	90	0.9	2.7	0.2	1071	0.2	0.06
1062290	Soil	Clay	B	40	Subtle Slope	548421	7036778	14.7	85.3	0.9	34.2	16.5	85	0.7	3.4	0.2	750	0.2	0.05
1062291	Soil	Clay	B	30	Subtle Slope	548393	7036749	4	16.4	0.2	20.7	15.8	85	0.4	3.4	0.2	287	0.2	0.06
1062292	Soil	Clay	B	30	Pronounced Slope	548337	7036691	192.7	1071.8	1.3	47.2	118.7	158	0.9	3.5	0.3	123	0.1	0.06
1062293	Soil	Silt	B	30	Pronounced Slope	548310	7036664	136.4	1246.1	0.7	34.9	82	148	0.9	3.4	0.3	192	0.2	0.03
1062294	Soil	Clay	B	30	Pronounced Slope	548281	7036634	96.2	450.4	4	55.3	1125.1	1665	0.8	1.6	0.3	341	0.2	0.14
1062295	Soil	Silt	B	50	Pronounced Slope	548254	7036607	58.2	317.6	1	42.8	203.9	545	0.9	5.3	0.4	211	7	0.04
1062296	Soil	Silt	B	50	Pronounced Slope	548225	7036578	43.3	243.5	0.5	31.1	89.6	191	0.6	4.4	0.3	234	0.2	0.05
1062297	Soil	Sand	C	50	Pronounced Slope	548198	7036550	89.4	432.6	1.5	46.3	241.7	480	0.9	4.9	0.3	224	0.2	0.06
1062298	Soil	Silt	B	40	Pronounced Slope	548170	7036521	28	199.7	0.6	36.3	79.5	236	0.8	5.4	0.2	216	0.2	0.05
1062299	Soil	Silt	B	80	Subtle Slope	548114	7036464	25.8	195.6	0.3	26.7	41.4	142	0.7	2.3	0.2	278	0.1	0.04
1062300	Soil	Silt	B	60	Subtle Slope	548086	7036435	26.3	81	0.3	24.7	36.5	103	0.6	2.9	0.2	266	0.1	0.06
1063401	Soil	Sand	C	90	Pronounced Slope	548978	7035175	69.2	149.1	0.1	34.8	30.7	133	1.3	8	1.5	270	6	0.01
1063402	Soil	Sand	B	50	Pronounced Slope	549007	7035202	24.4	207.4	0.2	29.8	13.4	94	1	5.3	0.2	325	0.9	0.005
1063403	Soil	Sand	B	30	Pronounced Slope	549035	7035232	7.6	62.2	0.3	15.3	10.4	37	0.5	0.5	0.2	330	0.1	0.03
1063404	Soil	Sand	C	70	Pronounced Slope	549063	7035261	6.8	128	0.1	57.7	11.3	156	1.2	3.8	0.2	365	0.2	0.02
1063405	Soil	Sand	C	70	Subtle Slope	549091	7035289	111.7	282.3	0.1	55.7	21.6	107	1.3	13.5	0.2	651	0.2	0.03
1063407	Soil	Sand	C	70	Subtle Slope	549120	7035317	19.2	192.6	0.05	40.9	15	80	0.8	9.7	0.2	281	0.2	0.02
1063408	Soil	Sand	C	50	Subtle Slope	549146	7035343	26.4	182.1	0.05	43.8	18	78	0.9	8.9	0.2	302	0.1	0.03

Sample #	SampleType	Soil Texture	Soil Horizon	Sample Depth	Terrain	Easting	Northing	Au (ppb) ICPMS	As (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	Th (ppm)	Bi (ppm)	Ba (ppm)	W (ppm)	Hg (ppm)
1063409	Soil	Sand	C	90	Pronounced Slope	549173	7035372	12.3	77.2	0.05	39.9	12.7	79	0.9	5.5	0.2	303	0.2	0.03
1063410	Soil	Silt	C	70	Subtle Slope	549202	7035400	9.8	101.8	0.05	37.7	12.8	69	0.8	6.2	0.2	274	0.2	0.04
1063411	Soil	Sand	C	40	Subtle Slope	549230	7035429	13.4	102.9	0.05	34.5	12.2	65	0.9	6.1	0.2	223	0.1	0.02
1063412	Soil	Sand	C	50	Subtle Slope	549257	7035459	16.1	168.6	0.2	41.3	14.2	66	1.3	7.2	0.3	250	0.2	0.04
1063413	Soil	Sand	C	40	Subtle Slope	549286	7035486	5.9	110.3	0.05	28.8	11.4	59	0.7	4.4	0.2	185	0.1	0.02
1063414	Soil	Sand	B	30	Subtle Slope	549314	7035516	6.9	124	0.05	34	14.4	70	1	6.2	0.2	196	0.1	0.03
1063415	Soil	Sand	C	40	Subtle Slope	549342	7035545	15.6	121.5	0.1	38.9	14.4	74	0.8	8.2	0.2	200	0.05	0.02
1063416	Soil	Sand	B	40	Subtle Slope	549369	7035574	7.7	56.3	0.05	29.2	16.7	61	0.7	2.4	0.2	165	0.1	0.03
1063417	Soil	Sand	C	40	Subtle Slope	549398	7035601	4.2	121.8	0.05	36.6	16.8	74	1.2	7.5	0.2	152	0.1	0.02
1063418	Soil	Sand	C	40	Subtle Slope	549426	7035630	3.1	203.4	0.05	51.5	45.7	97	1.3	6.8	0.6	154	0.1	0.02
1063419	Soil	Sand	C	30	Subtle Slope	549454	7035658	2.4	70.8	0.05	23.3	24.4	80	0.7	11.2	0.4	113	0.05	0.01
1063420	Soil	Sand	C	50	Subtle Slope	549481	7035688	11.9	210.4	0.4	51.5	28.9	73	1	3.1	0.4	209	0.1	0.03
1063421	Soil	Sand	B	40	Subtle Slope	549508	7035718	7.9	207.6	0.2	19.8	22.9	76	1	2.8	0.2	123	0.1	0.03
1063422	Soil	Sand	C	50	Subtle Slope	549538	7035744	23.5	454	0.4	41.6	14.5	75	1.2	4.7	0.2	223	0.2	0.04
1063423	Soil	Silt	B	60	Pronounced Slope	549568	7035774	13.4	225.3	0.4	21.2	13.5	50	0.8	3	0.3	120	0.2	0.03
1063424	Soil	Sand	B	40	Pronounced Slope	549595	7035801	35.7	605.4	0.9	40.1	17.5	98	1.2	0.9	0.3	305	0.1	0.03
1063425	Soil	Sand	B	50	Pronounced Slope	549622	7035831	20.2	195.3	0.2	37.8	18.3	79	0.8	3.3	0.2	305	0.1	0.02
1063426	Soil	Sand	B	40	Pronounced Slope	549648	7035861	12.1	345.5	0.5	63.1	41	179	1.4	4.1	0.4	663	0.2	0.03
1063427	Soil	Silt	B	40	Subtle Slope	549679	7035888	7	124.4	0.5	42.3	21.6	82	0.8	1.6	0.3	929	0.2	0.03
1063428	Soil	Sand	C	50	Pronounced Slope	549705	7035916	10.3	224.6	0.1	43.9	20.5	105	0.9	6.6	0.2	616	0.1	0.02
1063429	Soil	Silt	B	40	Pronounced Slope	549733	7035945	18.5	199.2	0.05	23.2	22.1	77	0.7	3.8	0.2	392	0.2	0.02
1063430	Soil	Sand	C	50	Pronounced Slope	549762	7035974	8.5	93.4	0.05	31.4	26.7	99	0.6	12.1	0.2	668	0.05	0.01
1063431	Soil	Sand	C	60	Subtle Slope	549791	7036002	55.2	636.6	0.2	27.2	30.6	83	0.9	7.2	0.2	837	0.2	0.02
1063432	Soil	Sand	C	60	Subtle Slope	549817	7036031	2.6	92.4	0.1	81.2	18.9	137	0.4	7.6	0.2	617	0.05	0.005
1065601	Soil	Clay	B	30	Pronounced Slope	549146	7035573	12.7	99.7	0.2	30	16	76	0.8	4.4	0.3	404	0.2	0.03
1065602	Soil	Sand	C	40	Pronounced Slope	549173	7035601	12.5	134	0.2	45.6	15.8	108	1.1	4.5	0.3	501	0.1	0.02
1065603	Soil	Clay	B	40	Pronounced Slope	549201	7035630	8.6	85.4	0.1	32.4	12.9	86	0.7	4.2	0.2	319	0.1	0.02
1065604	Soil	Clay	B	40	Pronounced Slope	549258	7035688	27.9	191.4	0.6	36.6	21	55	0.8	1.3	0.3	167	0.05	0.06
1065605	Soil	Clay	B	30	Pronounced Slope	549285	7035715	4.4	22.4	0.6	25.8	9.8	43	0.2	0.05	0.2	181	0.05	0.03
1065606	Soil	Clay	B	30	Pronounced Slope	549311	7035743	15.3	41.9	0.2	14.3	11.3	32	0.3	0.3	0.2	80	0.05	0.04
1065607	Soil	Silt	B	30	Pronounced Slope	549340	7035771	18.5	290.3	0.4	33.3	18.6	69	0.8	1.5	0.4	124	0.05	0.03
1065608	Soil	Clay	B	30	Pronounced Slope	549366	7035800	34.1	490.3	0.8	42.4	26.7	71	1.3	1.5	0.4	248	0.1	0.07
1065609	Soil	Clay	B	10	Pronounced Slope	549423	7035857	2.7	108.7	0.5	28.9	11.5	65	0.7	0.2	0.2	301	0.05	0.04
1065610	Soil	Clay	B	50	Pronounced Slope	549452	7035886	104	1468.2	0.4	41.5	47.3	128	2.7	2.6	0.4	225	0.2	0.04
1065611	Soil	Clay	B	30	Pronounced Slope	549480	7035915	4.6	298.9	0.5	24.3	20.1	60	0.9	0.3	0.3	101	0.1	0.04
1065612	Soil	Clay	B	30	Pronounced Slope	549507	7035942	4.8	577.2	0.3	24.8	24.3	43	1	0.9	0.3	99	0.1	0.03
1065613	Soil	Clay	B	30	Pronounced Slope	549535	7035971	6.4	351.2	0.6	15.4	12	38	0.5	0.3	0.2	95	0.05	0.04
1065614	Soil	Clay	B	40	Pronounced Slope	549563	7036000	23.8	176.1	0.2	30.1	15.9	68	0.6	1.4	0.2	551	0.1	0.04
1065615	Soil	Clay	B	40	Steep	549591	7036028	16.3	271	0.3	18.7	31.7	97	0.7	3.1	0.3	310	0.1	0.03
1065616	Soil	Silt	B	20	Subtle Slope	549619	7036057	2.3	62.3	0.05	26.7	22.1	76	0.7	4	0.2	201	0.05	0.03
1065617	Soil	Silt	B	30	Subtle Slope	549647	7036086	3.9	36.9	0.05	20.5	22.2	66	0.5	6.7	0.2	140	0.1	0.02
1065618	Soil	Clay	B	30	Subtle Slope	549676	7036116	2.4	12.3	0.05	14.9	14	41	0.4	3.6	0.2	193	0.1	0.02
1065619	Soil	Silt	B	30	Pronounced Slope	549703	7036143	2.4	51.1	0.05	23.2	19.5	66	0.7	6.5	0.2	213	0.1	0.03
1065620	Soil	Sand	C	30	Subtle Slope	549518	7035150	23.1	201.3	0.2	36	12.5	66	1.2	7.1	0.2	260	0.2	0.03
1065621	Soil	Silt	B	40	Subtle Slope	549489	7035124	3.4	121.2	0.3	22.9	10.2	65	1	4.6	0.2	184	0.2	0.04
1065622	Soil	Sand	C	50	Subtle Slope	549463	7035095	2.4	134.7	0.1	52.3	22.2	92	1.2	12	0.2	244	0.05	0.02
1065623	Soil	Silt	B	30	Subtle Slope	549435	7035067												
1065624	Soil	Silt	B	40	Subtle Slope	549405	7035038												
1065625	Soil	Silt	B	30	Subtle Slope	549379	7035009	6.6	57.1	0.2	26.4	10.6	65	0.7	3.4	0.2	272	0.1	0.03
1065965	Soil	Sand	C	50	Subtle Slope	549732	7036059	2	44.3	0.05	26.7	16.2	80	0.5	10.7	0.2	334	0.1	0.03
1065966	Soil	Silt	B	50	Subtle Slope	549704	7036029	13.1	78.4	0.2	32.6	13.6	75	0.7	5.9	0.2	547	0.1	0.05
1065967	Soil	Silt	B	60	Pronounced Slope	549676	7036001	86.2	865.8	0.2	27.5	29.7	73	0.9	2.9	0.2	384	0.3	0.04
1065968	Soil	Silt	B	60	Subtle Slope	549649	7035972	21.4	463.8	0.2	39.3	20.4	114	1	3.6	0.2	1020	0.2	0.02
1065969	Soil	Silt	B	50	Subtle Slope	549621	7035945	29.5	261.9	0.2	31.1	24.8	98	0.8	3.9	0.2	431	0.1	0.02
1065970	Soil	Sand	C	60	Subtle Slope	549593	7035914	30.1	275	0.2	29.6	28.4	62	0.8	5.3	0.3	499	0.3	0.03
1065971	Soil	Silt	B	50	Pronounced Slope	549565	7035887												
1065972	Soil	Sand	C	40	Pronounced Slope	549537	7035859	5.2	113.2	0.2	28.7	16	77	0.8	4.6	0.3	204	0.2	0.04
1065973	Soil	Sand	C	30	Pronounced Slope	549510	7035829	10.3	132.4	0.7	23.3	14.8	65	0.8	3.8	0.3	154	0.2	0.07
1065975	Soil	Silt	B	40	Subtle Slope	549350	7034980	10	71.9	0.4	25	11.9	55	0.8	5.1	0.2	231	0.1	0.03
1065976	Soil	Sand	C	40	Subtle Slope	549322	7034952	6.4	107.7	0.2	36.9	12.8	67	1	7.3	0.2	181	0.1	0.01

Sample #	SampleType	Soil Texture	Soil Horizon	Sample Depth	Terrain	Easting	Northing	Au (ppb) ICPMS	As (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	Th (ppm)	Bi (ppm)	Ba (ppm)	W (ppm)	Hg (ppm)
1065951	Soil	Silt	B	60	Subtle Slope	549172	7035485	10.1	71.1	0.05	33.1	12.6	79	0.7	5.4	0.2	227	0.2	0.05
1065952	Soil	Sand	C	40	Subtle Slope	549200	7035513	16.6	244.4	0.05	27.7	14.2	63	1	4.9	0.3	137	0.1	0.02
1065953	Soil	Sand	C	40	Subtle Slope	549227	7035542	4	79.3	0.05	19.3	10.7	45	0.5	1	0.2	161	0.1	0.02
1065954	Soil	Silt	B	30	Subtle Slope	549255	7035572	9.6	124.3	0.4	43.3	17.6	91	0.8	0.6	0.2	372	0.2	0.04
1065955	Soil	Sand	C	40	Subtle Slope	549284	7035599	12.6	145.2	0.2	29.8	14.8	79	0.9	2.5	0.2	224	0.1	0.03
1065956	Soil	Sand	C	40	Subtle Slope	549312	7035629	16.7	116.9	0.05	33	17	73	0.7	6.8	0.2	152	0.1	0.03
1065957	Soil	Sand	C	40	Subtle Slope	549341	7035657	8.4	124.3	0.05	31.4	22.3	78	0.7	8.2	0.3	161	0.1	0.03
1065958	Soil	Sand	C	60	Subtle Slope	549368	7035686	173.8	485.7	0.2	44.5	30.1	100	1.2	10.8	0.4	166	0.1	0.03
1065960	Soil	Sand	C	30	Pronounced Slope	549397	7035715	14.6	123.4	0.5	26.7	15.9	78	0.4	0.2	0.2	164	0.05	0.04
1065961	Soil	Sand	C	40	Subtle Slope	549425	7035743	19.5	456	0.9	59.5	29.4	97	1.5	2.9	0.4	297	0.2	0.04
1065962	Soil	Sand	C	40	Pronounced Slope	549452	7035772	23.3	694.6	0.5	38.6	17.1	74	1.3	0.9	0.3	339	0.1	0.02
1065963	Soil	Sand	C	40	Pronounced Slope	549480	7035801	11.6	853.1	0.2	49.7	33.7	102	2.3	2.2	0.5	146	0.05	0.02
1065964	Soil	Sand	C	50	Pronounced Slope	549759	7036087	13.2	129.8	0.1	31.4	20.9	75	0.7	9.1	0.2	370	0.2	0.02
1065977	Soil	Sand	C	20	Subtle Slope	549294	7034923												
1065978	Soil	Sand	C	40	Subtle Slope	549265	7034893	8.6	109.9	0.3	33.2	10.3	77	0.9	3.4	0.2	300	0.2	0.02
1065987	Soil	Sand	C	70	Pronounced Slope	550104	7035751	7.1	155.2	0.3	31.4	16.1	95	1.1	5.4	0.2	259	0.1	0.02
1065988	Soil	Silt	B	40	Pronounced Slope	550078	7035722	7.9	95.3	0.9	34.5	13.5	65	0.6	1	0.1	264	0.05	0.05
1065989	Soil	Sand	C	50	Pronounced Slope	550048	7035695	3.8	65.8	0.3	28.9	13	65	0.5	1.7	0.1	258	0.1	0.05
1065990	Soil	Silt	B	50	Pronounced Slope	550022	7035664	8.2	79	0.1	24.8	13.1	75	0.6	5.9	0.2	271	0.1	0.02
1065991	Soil	Sand	C	40	Pronounced Slope	549992	7035637	1.1	33	0.5	26.5	16.6	61	0.4	2.4	0.2	237	0.05	0.03
1065992	Soil	Silt	C	40	Pronounced Slope	549966	7035608	5.7	38.6	0.1	29.9	13.7	73	0.6	5.6	0.2	231	0.1	0.02
1065993	Soil	Sand	C	40	Pronounced Slope	549938	7035578	3.3	50.1	0.2	29.7	16.5	88	0.5	9.7	0.2	263	0.1	0.005
1065994	Soil	Silt	B	40	Pronounced Slope	549910	7035549	3.1	54.2	0.2	19.1	13.4	55	0.4	4.3	0.2	184	0.1	0.03
1065995	Soil	Silt	B	50	Pronounced Slope	549880	7035521	3.4	56.5	0.05	23.4	13.4	64	0.4	7.2	0.1	246	0.05	0.03
1065996	Soil	Sand	C	50	Subtle Slope	549854	7035491	4.9	44.6	0.2	16.9	14.1	55	0.7	5.9	0.2	164	0.2	0.01
1065997	Soil	Silt	B	60	Subtle Slope	549824	7035465	3.7	62.1	0.1	20.7	16.3	61	0.5	7.9	0.2	208	0.2	0.03
1065998	Soil	Silt	B	40	Subtle Slope	549798	7035435	27.6	172.2	0.2	19.7	14.4	57	0.6	5	0.2	407	0.2	0.03
1065999	Soil	Silt	B	30	Pronounced Slope	549769	7035406	8.2	63.3	0.2	17.1	11.8	59	0.7	2.5	0.2	283	0.1	0.02
1066000	Soil	Silt	B	40	Subtle Slope	549741	7035377	16.8	192.9	0.1	32.9	14	70	0.9	5.6	0.2	240	0.05	0.03
1075465	Soil	Sand	C	50	Subtle Slope	547546	7036569	5.5	6.5	0.1	25.2	12.3	84	0.5	7.5	0.2	273	0.2	0.04
1075469	Soil	Sand	C	90	Subtle Slope	547574	7036597	0.8	6.4	0.1	21.8	13.1	86	0.6	6.5	0.2	248	0.1	0.03
1075470	Soil	Sand	B	50	Subtle Slope	547601	7036626	22	318.4	0.3	46.4	38.5	93	0.8	4.9	0.2	214	0.05	0.04
1075471	Soil	Sand	C	90	Subtle Slope	547630	7036656	32.5	127.6	0.3	39.1	38.6	116	0.8	3.9	0.2	224	0.1	0.03
1075472	Soil	Sand	C	60	Subtle Slope	547659	7036683	305.8	110.3	0.3	35.2	18	76	1	3.7	0.2	184	0.05	0.04
1075473	Soil	Sand	C	70	Subtle Slope	547685	7036711	7.1	87.6	0.2	26	28.3	91	0.5	3.9	0.3	250	0.1	0.02
1075474	Soil	Sand	C	70	Subtle Slope	547714	7036741	30.4	131	0.2	36.2	17.3	97	0.9	5.3	0.2	252	0.1	0.02
1075475	Soil	Sand	C	80	Subtle Slope	547742	7036770	28.4	69.7	0.05	30.5	26.3	94	0.7	18.6	0.05	313	0.05	0.005
1075476	Soil	Sand	C	50	Subtle Slope	547771	7036799	6.7	19.6	0.1	22.4	15.5	57	0.6	6.7	0.1	241	0.1	0.03
1075477	Soil	Sand	C	60	Subtle Slope	547798	7036827	40.6	143.5	0.1	34.9	20	75	0.8	7.1	0.1	309	0.1	0.02
1075478	Soil	Sand	C	50	Subtle Slope	547826	7036857	42.4	259.6	0.3	39.2	28	95	0.8	7.6	0.2	467	0.1	0.03
1075479	Soil	Sand	C	50	Subtle Slope	547854	7036884	123.4	69.1	0.3	29.5	30.8	74	0.7	6.1	0.2	268	0.1	0.02
1075480	Soil	Sand	C	60	Subtle Slope	547883	7036914	11.1	68.5	0.2	30.4	29.6	84	0.7	5.6	0.2	259	0.2	0.03
1075481	Soil	Sand	C	50	Subtle Slope	547910	7036941	14.2	70.4	0.1	33.7	20.5	72	0.6	7.4	0.1	247	0.1	0.02
1075482	Soil	Sand	C	50	Subtle Slope	547938	7036970	28.2	104.1	0.1	35	24	75	0.7	6.4	0.1	257	0.05	0.02
1075483	Soil	Sand	C	60	Subtle Slope	547966	7036999	116.7	72.3	0.2	40.7	143.2	208	0.8	10.2	0.2	259	0.05	0.04
1075484	Soil	Sand	C	60	Subtle Slope	547993	7037027	35.9	44.3	0.1	26	21.2	63	0.5	7.6	0.2	246	0.05	0.02
1075485	Soil	Sand	C	50	Subtle Slope	548023	7037055	29.2	43.5	0.05	29.3	18.5	63	0.7	6.8	0.1	302	0.1	0.03
1075486	Soil	Sand	B	50	Subtle Slope	548050	7037083	11	21.4	0.1	21.4	15.6	57	0.3	4.3	0.1	336	0.1	0.03
1075487	Soil	Sand	B	50	Subtle Slope	548078	7037112	2.6	6	0.1	24.4	10	67	0.2	8.8	0.2	424	0.2	0.02
1075488	Soil	Sand	B	50	Subtle Slope	548105	7037139	3.7	9.1	0.2	32.5	11.2	54	0.4	5.8	0.3	290	0.2	0.01
1075489	Soil	Sand	C	70	Subtle Slope	548134	7037169	1.3	5.4	0.05	19.1	12.7	54	0.3	7.3	0.2	488	0.1	0.02
1075490	Soil	Sand	B	40	Subtle Slope	548162	7037197	1.3	3.9	0.05	13.2	10.6	49	0.3	5.9	0.1	342	0.05	0.01
1096053	Soil			0		546916	7037184	3.4	5.2	0.1	24.4	10.3	73	0.5	9.3	0.4	322	0.2	0.03
1096054	Soil	Silt	B	60	Subtle Slope	546944	7037212	9.6	6.6	0.2	23.7	11.4	70	0.6	7.9	0.5	323	0.1	0.06
1096055	Soil	Sand	B	70	Subtle Slope	546970	7037243	3.5	5.7	0.1	19.4	10.9	63	0.4	6	0.5	287	0.1	0.04
1096056	Soil	Sand	B	70	Subtle Slope	547000	7037270	2.7	4.8	0.05	17.3	9.4	65	0.4	7	0.3	274	0.1	0.01
1096057	Soil	Silt	B	80	Pronounced Slope	547027	7037299	1.9	6	0.2	22.7	12.6	75	0.4	3.3	0.4	347	0.1	0.05
1096058	Soil	Sand	B	60	Subtle Slope	547056	7037326	1.3	4.5	0.05	19.1	10.1	62	0.3	6.8	0.3	310	0.1	0.02
1096059	Soil	Sand	B	60	Pronounced Slope	547085	7037355	1.8	4.5	0.1	21.6	11.6	61	0.4	5.2	0.3	422	0.1	0.03
1096060	Soil	Sand	B	60	Pronounced Slope	547113	7037386	2.9	4.3	0.05	14.9	9.5	58	0.4	6	0.2	230	0.1	0.03

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Sample #	SampleType	Soil Texture	Soil Horizon	Sample Depth	Terrain	Easting	Northing	Au (ppb) ICPMS	As (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	Th (ppm)	Bi (ppm)	Ba (ppm)	W (ppm)	Hg (ppm)
1096061	Soil	Sand	B	70	Pronounced Slope	547141	7037413	1.1	4.5	0.05	17.6	9.2	64	0.3	4.9	0.1	345	0.2	0.02
1096062	Soil	Sand	B	70	Pronounced Slope	547168	7037441	3	4.2	0.1	20.8	8.8	85	0.3	4.3	0.2	200	0.1	0.03
1096063	Soil	Silt	B	80	Pronounced Slope	547196	7037470	2	4.2	0.2	20.5	8.9	62	0.4	3.7	0.2	361	0.1	0.04
1096064	Soil	Silt	B	70	Pronounced Slope	547252	7037529	6	35.1	0.2	25.9	12.7	68	0.6	1.6	0.2	352	0.1	0.04
1096065	Soil	Silt	B	70	Pronounced Slope	547280	7037557	13.9	143.6	0.2	26.6	17.5	83	0.7	3.5	0.2	261	0.2	0.04
1096066	Soil	Sand	B	90	Pronounced Slope	547307	7037586	7.2	72.9	0.2	29.4	16.4	76	0.7	3.2	0.2	355	0.2	0.03
1096067	Soil	Sand	B	50	Pronounced Slope	547335	7037614	9.2	54.4	0.2	34.8	17.1	80	0.8	4.2	0.2	280	0.2	0.04
1096068	Soil	Silt	B	50	Pronounced Slope	547363	7037643	44.4	51.1	0.2	18.1	16.8	66	0.5	2.6	0.2	144	0.2	0.04
1096069	Soil	Silt	B	60	Pronounced Slope	547392	7037672	4	31.7	0.1	16.1	12.1	60	0.4	2.8	0.1	143	0.1	0.04
1096070	Soil	Sand	B	50	Pronounced Slope	547420	7037700	7.4	61.5	0.1	16.5	13.2	66	0.6	3.6	0.2	137	0.1	0.04
1096071	Soil	Silt	B	50	Pronounced Slope	547448	7037728	6.3	129	0.2	19.3	13.6	55	0.7	1.8	0.2	118	0.2	0.04
1096072	Soil	Silt	B	50	Subtle Slope	547476	7037757	6.3	62.7	0.2	16.3	17.5	50	0.5	1.8	0.2	127	0.2	0.04
1096073	Soil	Sand	B	60	Subtle Slope	547503	7037786	6.4	58.3	0.2	15.9	19.6	53	0.5	1.9	0.2	138	0.2	0.06
1096074	Soil	Silt	B	60	Subtle Slope	547533	7037815	7.4	77.6	0.2	17.4	21.2	66	0.6	3	0.3	168	0.2	0.04
1096075	Soil	Sand	B	70	Pronounced Slope	547560	7037840	5.6	80.5	0.3	20.4	17.1	69	0.6	4	0.2	215	0.1	0.03
1096076	Soil	Silt	B	60	Pronounced Slope	547588	7037870	6.3	73.6	0.2	21.2	17.3	72	0.7	4.8	0.2	169	0.2	0.03
1096077	Soil	Silt	B	50	Pronounced Slope	547615	7037899	2.9	59.2	0.2	14.6	16.9	47	0.5	1.6	0.2	122	0.2	0.04
1096078	Soil	Sand	C	40	Pronounced Slope	547672	7037955	4.7	156.7	0.4	38.5	30.3	90	1.2	4.4	0.4	257	0.1	0.03
1096079	Soil	Sand	C	60	Pronounced Slope	547697	7037985	6.6	151.8	0.4	49.4	31.5	88	1.4	5.6	0.3	369	0.2	0.04
1096081	Soil	Sand	C	60	Pronounced Slope	547727	7038011	4.6	280.4	0.4	67.3	36.1	116	1.3	7.5	0.3	384	0.05	0.02
1096082	Soil	Sand	C	50	Pronounced Slope	547755	7038040	8.9	143.5	0.3	36.7	32.9	88	1.3	4.6	0.2	380	0.1	0.03
1106986	Soil	Sand	B	30	Flat	547902	7037395	4.5	8	0.3	18.5	13.8	53	0.4	2.1	0.2	366	0.1	0.05
1106987	Soil	Sand	B	40	Subtle Slope	547930	7037423	1.9	5.6	0.05	18.6	11.1	48	0.4	1.4	0.2	993	0.2	0.04
1106988	Soil	Sand	B	40	Subtle Slope	547958	7037451	0.25	2.9	0.05	16.7	27.1	78	0.4	10.3	0.1	391	0.1	0.01
1106989	Soil	Sand	B	30	Subtle Slope	547986	7037481	3.5	8.3	0.05	26.1	11.2	64	0.5	6.8	0.2	489	0.1	0.03
1106990	Soil	Sand	B	30	Subtle Slope	548015	7037508	4.4	6.3	0.05	23.1	19	62	0.4	6	0.4	227	0.1	0.02
1106991	Soil	Sand	B	40	Subtle Slope	548041	7037538	1.6	5.9	0.05	23.6	14.3	64	0.3	6.7	0.6	244	0.1	0.03
1106992	Soil	Sand	B	20	Subtle Slope	548071	7037565	1.2	4.5	0.2	15.3	11	46	0.3	4.3	0.2	325	0.1	0.04
1106993	Soil	Sand	B	30	Subtle Slope	548100	7037594	3.6	5.8	0.05	23	11.1	63	0.4	7.2	0.2	280	0.1	0.02
1106994	Soil	Sand	C	40	Subtle Slope	549713	7035349	33.9	319.2	0.2	56	15.5	118	1.3	7.1	0.2	253	0.05	0.02
1106995	Soil	Sand	C	50	Subtle Slope	549686	7035320												
1106996	Soil	Silt	C	40	Subtle Slope	549659	7035294												
1106838	Soil	Silt	B	40	Subtle Slope	547260	7036851	1.8	4.9	0.05	12.9	12.4	49	0.3	4.2	0.2	155	0.05	0.02
1106839	Soil	Sand	C	40	Subtle Slope	547286	7036879	1.7	7	0.05	14.8	11.4	44	0.4	2	0.2	153	0.1	0.02
1106840	Soil	Sand	C	60	Subtle Slope	547315	7036905	3.9	4.6	0.05	14.2	10.3	49	0.3	5.9	0.1	259	0.05	0.01
1106841	Soil	Sand	C	50	Subtle Slope	547343	7036936	1.2	6	0.05	12.2	9.7	41	0.3	4.5	0.1	206	0.05	0.02
1106842	Soil	Sand	C	40	Subtle Slope	547372	7036964	2.9	4.4	0.05	8.6	12.3	34	0.3	1.4	0.2	169	0.05	0.03
1106843	Soil	Silt	B	30	Subtle Slope	547399	7036992	1.8	3.4	0.05	12.2	9.3	31	0.3	0.1	0.1	127	0.1	0.05
1106844	Soil	Sand	C	40	Subtle Slope	547427	7037021	5.7	6.8	0.05	17.9	10.3	62	0.4	2.5	0.1	270	0.05	0.02
1106845	Soil	Silt	B	30	Subtle Slope	547456	7037049	1.9	7.1	0.2	23.1	10	46	0.4	0.6	0.1	197	0.1	0.06
1106951	Soil	Silt	B	70	Subtle Slope	547374	7036737	5	13.6	0.4	26.1	56.2	60	0.6	2.2	0.2	337	0.2	0.08
1106952	Soil	Sand	C	70	Pronounced Slope	547402	7036765	7.8	26.8	0.3	32.3	83.3	83	0.5	2.4	0.2	303	0.1	0.05
1106953	Soil	Sand	C	90	Pronounced Slope	547429	7036793	6	32.1	0.3	31.5	44.7	83	0.6	3.4	0.2	295	0.2	0.04
1106954	Soil	Silt	B	40	Pronounced Slope	547458	7036822	7.4	15.8	0.05	14.9	16.5	53	0.4	3	0.3	181	0.1	0.02
1106955	Soil	Clay	B	60	Pronounced Slope	547486	7036851	4.7	19.6	0.1	28.6	11.4	58	0.6	3	0.2	291	0.2	0.05
1106956	Soil	Clay	B	70	Subtle Slope	547516	7036881	3	17	0.2	30.7	12.2	51	0.6	2.4	0.2	285	0.3	0.04
1106957	Soil	Clay	B	70	Subtle Slope	547541	7036908	2	18.1	0.1	26.6	11.4	47	0.5	2.1	0.2	260	0.2	0.04
1106958	Soil	Silt	B	40	Subtle Slope	547570	7036937	6.6	63.1	0.4	63.6	22.4	71	0.6	3.5	0.6	218	0.2	0.06
1106959	Soil	Sand	C	50	Subtle Slope	547598	7036967	8.1	58.4	0.5	53	39.2	88	0.8	3.5	1.6	193	0.2	0.06
1106960	Soil	Silt	B	60	Subtle Slope	547625	7036994	10.5	59.7	0.2	63.9	25.8	66	0.9	4.9	0.4	279	0.1	0.05
1106961	Soil	Clay	B	40	Subtle Slope	547653	7037022	45	20.8	0.1	19.6	28.1	64	0.5	4.4	0.2	182	0.1	0.02
1106962	Soil	Clay	B	40	Subtle Slope	547682	7037052	12.3	72	0.2	31.8	43.1	78	0.7	5.1	0.4	192	0.2	0.03
1106963	Soil	Silt	B	60	Subtle Slope	547710	7037079	30.5	192.6	0.1	41.5	59.2	146	1	7.4	0.3	224	0.2	0.03
1106964	Soil	Sand	C	40	Pronounced Slope	547739	7037109	3.1	44.6	0.2	27.6	14.3	71	0.6	7.8	0.2	178	0.1	0.02
1106965	Soil	Sand	C	40	Pronounced Slope	547766	7037138	31.1	153.9	0.2	43.2	37.7	95	1	7.6	0.2	200	0.1	0.03
1106966	Soil	Silt	B	50	Subtle Slope	547794	7037166	32.7	223.4	0.2	49.2	27.3	74	0.9	7.4	0.2	133	0.1	0.03
1106967	Soil	Silt	B	40	Subtle Slope	547821	7037194	71	118	0.4	36.6	38.2	85	1	6.2	0.4	175	0.1	0.03
1106968	Soil	Silt	B	50	Subtle Slope	547848	7037222	2.3	28	0.05	34.1	14.9	86	0.5	22.2	0.2	258	0.05	0.01
1106969	Soil	Clay	B	40	Subtle Slope	547877	7037252	10.5	20.6	0.1	28	16.7	71	0.5	5.2	0.2	195	0.2	0.02
1106970	Soil	Sand	C	50	Subtle Slope	547905	7037280	89.7	32.8	0.1	14.6	10.6	53	0.6	5.5	0.2	413	0.05	0.02

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Sample #	SampleType	Soil Texture	Soil Horizon	Sample Depth	Terrain	Easting	Northing	Au (ppb) ICPMS	As (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	Th (ppm)	Bi (ppm)	Ba (ppm)	W (ppm)	Hg (ppm)
1106971	Soil	Clay	B	40	Subtle Slope	547933	7037308	3	10.5	0.1	20.6	12.9	61	0.6	4.9	0.2	216	0.1	0.02
1106972	Soil	Sand	C	40	Subtle Slope	547961	7037337	0.25	6.2	0.05	8.9	12.2	71	0.4	6.7	0.2	222	0.1	0.01
1106973	Soil	Silt	B	50	Subtle Slope	547990	7037366	1.7	9.5	0.05	23.3	13	63	0.5	7.2	0.2	254	0.1	0.03
1106974	Soil	Sand	C	50	Subtle Slope	548016	7037394	1.2	8.2	0.05	18	12.6	60	0.5	7.8	0.2	288	0.1	0.02
1106975	Soil	Silt	B	50	Subtle Slope	548045	7037422	2.1	4.9	0.05	21.3	13.8	74	0.5	17.7	0.1	525	0.1	0.02
1106976	Soil	Sand	C	50	Subtle Slope	548073	7037451	2.8	6.8	0.05	16.4	11.9	45	0.4	9.2	0.2	277	0.1	0.03
1106977	Soil	Sand	C	30	Subtle Slope	548102	7037480	6.1	7.5	0.05	13	11.4	50	0.4	6.2	0.1	133	0.05	0.01
1106978	Soil	Silt	B	20	Subtle Slope	548128	7037508	5.3	9.2	0.05	14.1	15.9	52	0.5	6.9	0.3	143	0.1	0.04
1106979	Soil	Silt	B	30	Subtle Slope	548157	7037537	0.9	10.7	0.05	17.5	13.9	59	0.5	3.8	0.3	223	0.1	0.02
1106980	Soil	Sand	C	30	Pronounced Slope	548185	7037565	0.25	7	0.05	15.8	16.6	56	0.4	1.8	0.2	109	0.1	0.02
1106981	Soil	Silt	B	30	Pronounced Slope	548213	7037594	1.5	7.2	0.05	14.3	16.4	50	0.4	3.8	0.3	107	0.2	0.02
1106982	Soil	Clay	B	90	Pronounced Slope	547488	7036626	6.8	24.1	0.3	33.1	26.8	80	0.6	0.9	0.2	283	0.1	0.08
1106983	Soil	Sand	C	60	Steep	547517	7036654	23.9	174.6	0.3	36.7	48.2	118	0.5	1.9	0.2	235	0.2	0.04
1106984	Soil	Sand	C	70	Pronounced Slope	547544	7036683	23	248.5	0.3	38.7	30.2	93	0.8	8.9	0.2	225	0.2	0.02
1106985	Soil	Silt	B	80	Pronounced Slope	547572	7036711	10.1	39.9	0.2	27.3	49.1	136	0.5	2.1	0.2	211	0.2	0.04
1106997	Soil	Sand	C	40	Subtle Slope	549631	7035265	4.7	53.4	0.6	20.2	11	56	0.5	2.3	0.2	168	0.1	0.03
1106998	Soil	Silt	B	40	Subtle Slope	549604	7035238												
1106999	Soil	Sand	C	40	Pronounced Slope	549576	7035207	15.2	156	0.1	50.4	12.3	79	0.8	10	0.2	136	0.2	0.02
1107000	Soil	Silt	B	40	Subtle Slope	549546	7035181	3.8	101.4	0.4	23.5	15.3	54	0.5	2.1	0.2	174	0.1	0.02
1108347	Soil	Sand	B	20	Subtle Slope	548156	7037651	1.1	3.5	0.1	19.1	14.9	67	0.3	11.8	0.2	441	0.2	0.03
1108348	Soil	Sand	B	40	Subtle Slope	548127	7037623	0.25	4.8	0.05	20.4	14.5	71	0.4	8.3	0.3	364	0.1	0.03
1109404	Soil	Sand	B	70	Pronounced Slope	548991	7036674	12.4	45.7	0.4	31.2	21.9	101	0.5	7.6	0.2	230	0.1	0.03
1109405	Soil	Sand	C	60	Subtle Slope	548962	7036644	2.5	24.7	0.05	27.5	22.3	116	0.4	15.6	0.1	317	0.05	0.02
1109406	Soil	Sand	B	40	Subtle Slope	548934	7036615	3.5	61.2	0.05	24.9	27.4	111	0.4	12.8	0.3	223	0.05	0.02
1109407	Soil	Sand	B	50	Subtle Slope	548906	7036587	3.3	43	0.2	26.1	16.2	68	0.4	4.1	0.1	188	0.05	0.02
1109408	Soil	Sand	B	50	Pronounced Slope	548878	7036559	21.1	82	1	32	39.9	66	0.4	7.2	0.4	270	0.1	0.08
1109409	Soil	Sand	C	60	Pronounced Slope	548852	7036531	11.7	46.1	0.4	25.8	35	103	0.4	15.5	0.2	222	0.1	0.05
1109410	Soil	Sand	B	50	Pronounced Slope	548794	7036474	25.6	66.5	0.2	15	15.1	57	0.3	3.8	0.1	119	0.1	0.05
1109411	Soil	Sand	B	50	Pronounced Slope	548766	7036444	10.6	51	0.2	13	15.9	67	0.3	5.6	0.1	147	0.2	0.03
1109412	Soil	Sand	B	50	Pronounced Slope	548739	7036415	20.6	56.3	0.4	22.8	23.1	81	0.3	9	0.2	169	0.1	0.06
1109413	Soil	Sand	B	50	Pronounced Slope	548711	7036386	15.5	163.7	0.1	30	31.3	83	0.5	6.8	0.2	126	0.1	0.005
1109414	Soil	Sand	B	50	Pronounced Slope	548683	7036358	11.7	88.8	0.2	26.7	20	104	0.7	10	0.1	233	0.1	0.02
1109351	Soil	Sand	B	50	Subtle Slope	547813	7037985	6.7	149.1	0.4	42.2	45.1	95	1.3	5.2	0.2	202	0.1	0.02
1109352	Soil	Sand	B	50	Pronounced Slope	547789	7037957	11.8	205.5	0.2	40.1	32.7	93	1.2	5.4	0.2	227	0.1	0.02
1109353	Soil	Sand	C	50	Pronounced Slope	547762	7037928	54.6	118.2	0.2	33.5	32	78	0.9	5.7	0.2	208	0.1	0.02
1109354	Soil	Sand	C	60	Subtle Slope	547733	7037900	4.6	21.8	0.2	16.3	69.4	73	0.4	4.1	0.2	231	0.2	0.03
1109355	Soil	Sand	B	50	Pronounced Slope	547703	7037872	14.3	54.6	0.2	9.4	17.7	44	0.4	1.4	0.1	84	0.2	0.03
1109356	Soil	Sand	C	50	Pronounced Slope	547676	7037843	32.6	75.1	0.2	11.6	19.3	50	0.3	1.4	0.2	113	0.2	0.05
1109357	Soil	Sand	B	50	Pronounced Slope	547649	7037815	5	238.1	0.3	14.2	19.4	47	0.4	1.1	0.2	116	0.2	0.04
1109358	Soil	Sand	B	50	Subtle Slope	547620	7037787	7.5	60	0.2	14.9	16.8	57	0.5	2.1	0.2	133	0.1	0.04
1109359	Soil	Sand	B	40	Pronounced Slope	547591	7037757	11.2	129.4	0.2	23.7	22.3	81	0.6	4.1	0.3	216	0.1	0.04
1109360	Soil	Sand	C	70	Subtle Slope	547563	7037728	395.8	67.1	0.3	19.5	21.1	62	0.6	2.4	0.2	165	0.1	0.04
1109361	Soil	Sand	B	50	Subtle Slope	547534	7037702	21.7	77.4	0.2	17.2	14.8	48	0.4	1.3	0.1	155	0.2	0.06
1109362	Soil	Sand	B	50	Subtle Slope	547506	7037673	6.4	128.8	0.2	19.4	18	66	0.6	2.4	0.2	131	0.2	0.05
1109363	Soil	Sand	B	50	Subtle Slope	547480	7037644	5.8	85.6	0.2	17.9	14.3	53	0.5	2.5	0.1	151	0.1	0.04
1109364	Soil	Sand	B	50	Subtle Slope	547451	7037616	11.9	37.2	0.1	14.4	15.8	53	0.4	2.5	0.1	141	0.1	0.04
1109365	Soil	Sand	B	50	Subtle Slope	547422	7037587	8.6	142.5	0.2	26.1	21.1	84	0.6	4.8	0.2	253	0.2	0.03
1109366	Soil	Sand	C	60	Subtle Slope	547395	7037559	12.8	78.6	0.3	37.5	22.2	79	0.8	3.7	0.2	280	0.1	0.05
1109367	Soil	Sand	B	50	Subtle Slope	547367	7037528	19.5	149.1	0.2	27.1	14.1	63	0.5	3.5	0.1	262	0.1	0.04
1109368	Soil	Sand	C	90	Subtle Slope	547337	7037501	21.6	136.2	0.2	29.9	22.4	123	0.5	4.4	0.1	227	0.2	0.03
1109369	Soil	Sand	C	60	Subtle Slope	547310	7037472	26.1	40.7	0.2	30.2	12.4	85	0.5	3	0.1	279	0.2	0.05
1109370	Soil	Sand	C	70	Pronounced Slope	547283	7037443	3.5	8.9	0.05	31.4	11.6	124	0.3	1.1	0.1	222	0.1	0.05
1109371	Soil	Sand	C	60	Subtle Slope	547254	7037415	23.8	6.3	0.2	22	10.6	109	0.2	2.2	0.1	218	0.1	0.03
1109372	Soil	Sand	C	60	Subtle Slope	547226	7037388	5.1	6.3	0.05	27.3	14.6	129	0.3	3.2	0.1	237	0.1	0.02
1109373	Soil	Sand	C	60	Pronounced Slope	547197	7037358	5.9	4.4	0.2	20.2	11.4	83	0.3	3	0.1	358	0.1	0.05
1109374	Soil	Sand	B	40	Subtle Slope	549120	7035203	7.4	123.3	0.1	43.5	13.9	72	0.9	6.7	0.3	311	0.2	0.02
1109375	Soil	Sand	C	70	Subtle Slope	547143	7037301	2.7	6.2	0.2	18.2	12.1	69	0.3	7.4	0.4	358	0.1	0.05
1109376	Soil	Sand	C	60	Pronounced Slope	547113	7037272	2.7	5.5	0.1	16.9	13	65	0.3	4.9	0.4	297	0.2	0.04
1109377	Soil	Sand	C	70	Pronounced Slope	547086	7037243	3.2	4.4	0.1	19.4	11.9	72	0.3	8.3	0.4	374	0.2	0.04
1109378	Soil	Sand	B	50	Pronounced Slope	547058	7037214	3.9	5.6	0.1	16.4	12.9	70	0.4	5.4	0.4	288	0.2	0.05

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Sample #	SampleType	Soil Texture	Soil Horizon	Sample Depth	Terrain	Easting	Northing	Au (ppb) ICPMS	As (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	Th (ppm)	Bi (ppm)	Ba (ppm)	W (ppm)	Hg (ppm)
1109379	Soil	Sand	B	50	Pronounced Slope	547030	7037186	2.3	3.7	0.05	15.1	10.1	64	0.4	6.7	0.5	285	0.2	0.03
1109380	Soil	Sand	B	40	Pronounced Slope	547002	7037157	3.1	4.4	0.05	18.4	19.3	70	0.3	9.8	0.4	310	0.2	0.01
1109381	Soil	Sand	B	40	Subtle Slope	546974	7037129	2.7	4	0.1	20.5	12.7	68	0.3	8.1	0.4	304	0.2	0.03
1109383	Soil	Sand	C	50	Pronounced Slope	547030	7037072	2.8	4.8	0.1	26.7	11.7	81	0.3	6	0.2	465	0.2	0.03
1109384	Soil	Sand	C	60	Pronounced Slope	547058	7037100	2.3	3.5	0.1	18.6	11	65	0.2	6	0.2	443	0.1	0.02
1109385	Soil	Sand	C	60	Pronounced Slope	547086	7037129	1.3	4.2	0.05	16.5	10	77	0.3	7.2	0.2	330	0.2	0.02
1109386	Soil	Sand	B	40	Pronounced Slope	547281	7036995	1.3	2.8	0.05	17.7	10.4	38	0.2	0.4	0.1	104	0.05	0.04
1109387	Soil	Sand	B	50	Subtle Slope	549147	7035233	12.4	212.6	0.05	51	19	88	1	14.4	0.2	521	0.2	0.005
1109388	Soil	Sand	C	60	Subtle Slope	549175	7035261	5.7	88.2	0.1	42.9	13.9	76	0.7	9.6	0.2	370	0.2	0.02
1109389	Soil	Sand	B	50	Subtle Slope	549203	7035290	10.1	75.9	0.05	39.4	13.8	65	0.7	6.9	0.2	272	0.1	0.05
1109391	Soil	Silt	B	70	Subtle Slope	547758	7037701	5.1	114.6	0.5	21	16.4	82	0.6	4	0.2	210	0.1	0.05
1109392	Soil	Silt	B	70	Subtle Slope	547787	7037730	0.9	43.4	0.2	11.2	10.7	55	0.3	1	0.2	165	0.2	0.05
1109393	Soil	Silt	B	60	Subtle Slope	547815	7037759	1.9	33.2	0.3	17.7	28.4	91	0.5	5.3	0.2	289	0.2	0.04
1109394	Soil	Sand	B	60	Subtle Slope	547842	7037787	2.8	14.9	0.2	23.8	50.7	83	0.5	9.9	0.3	284	0.1	0.04
1109395	Soil	Silt	B	40	Subtle Slope	547871	7037816	2.2	16.9	0.2	16.2	31.6	76	0.4	5.9	0.2	259	0.2	0.04
1109396	Soil	Silt	B	40	Subtle Slope	547894	7037844	4.9	18.5	0.2	13.6	32.2	69	0.3	3.6	0.3	213	0.2	0.04
1109397	Soil	Sand	C	70	Subtle Slope	547927	7037873	13.1	110.7	0.3	39.1	30.7	110	0.8	6	0.2	270	0.1	0.04
1109398	Soil	Sand	C	30	Subtle Slope	547718	7036403	4	5.8	0.05	20.1	10.9	56	0.4	3.9	0.2	197	0.1	0.03
1109399	Soil	Sand	C	40	Subtle Slope	547746	7036430	7	6.3	0.05	18	13	65	0.5	4.1	0.2	179	0.1	0.005
1109400	Soil	Sand	C	50	Subtle Slope	547774	7036459	4.1	3.3	0.1	19.2	10.2	56	0.4	2	0.2	169	0.1	0.02
1109402	Soil	Sand	B	50	Subtle Slope	547802	7036487	5.7	4.7	0.1	18.3	11.9	59	0.4	3.2	0.2	203	0.1	0.03
1109403	Soil	Sand	B	50	Pronounced Slope	549046	7036731	5.2	48.8	0.3	33	18.8	117	0.5	4.9	0.2	329	0.2	0.03
1109415	Soil	Sand	B	70	Pronounced Slope	548654	7036330	5.5	90.8	0.2	28	22.3	96	0.4	11.6	0.1	196	0.05	0.02
1109416	Soil	Sand	B	50	Pronounced Slope	548627	7036302	10.8	118.2	0.4	23.5	17.5	75	0.4	3.8	0.2	284	0.1	0.04
1109417	Soil	Sand	C	50	Subtle Slope	548598	7036272	8.9	114.1	0.2	38.1	20.8	111	0.5	12.9	0.1	229	0.05	0.01
1109418	Soil	Sand	B	40	Subtle Slope	548571	7036244	13.3	281.6	0.3	37.6	27.3	96	1	3.2	0.2	252	0.1	0.02
1109419	Soil	Sand	B	40	Subtle Slope	548543	7036214	28.1	301.6	0.2	32.2	18	79	0.6	4.9	0.2	200	0.05	0.02
1109420	Soil	Sand	B	50	Subtle Slope	548514	7036187	18.8	149.1	0.1	26.2	11.1	66	0.5	4.3	0.1	200	0.1	0.03
1109422	Soil	Sand	C	50	Subtle Slope	548486	7036158	9	121.2	0.05	41	14.3	80	0.6	9.4	0.2	260	0.1	0.04
1109424	Soil	Sand	B	40	Subtle Slope	548459	7036128	18	191.1	0.05	27.1	12	57	0.5	2.7	0.2	150	0.1	0.03
1109425	Soil	Sand	B	40	Subtle Slope	548431	7036100	138.5	1536.9	0.3	56.1	21.6	66	1.3	4.9	0.3	129	0.05	0.02
1109426	Soil	Sand	B	40	Subtle Slope	548403	7036072	16.5	415.5	0.1	56	27.6	140	0.6	6.5	0.2	749	0.1	0.005
1109427	Soil	Sand	B	40	Subtle Slope	548374	7036043	27.8	216.4	1.3	64.3	40.1	118	0.7	1.6	0.2	320	0.1	0.06
1109428	Soil	Sand	B	40	Subtle Slope	548346	7036014	7.3	277.9	0.2	29.4	36.6	111	0.7	6.1	0.5	116	0.1	0.005
1109429	Soil	Sand	B	70	Subtle Slope	548318	7035985	28.2	51.1	0.7	32.7	20.2	69	0.7	2.2	0.2	183	0.2	0.08
1109430	Soil	Sand	B	60	Subtle Slope	548289	7035957	7	10.8	0.2	22	17.3	63	0.5	5.5	0.2	166	0.2	0.04
1109431	Soil	Sand	C	60	Subtle Slope	548262	7035929	5.5	10	0.2	26	16.4	65	0.5	6.1	0.2	308	0.1	0.05
1109433	Soil	Sand	C	60	Subtle Slope	548234	7035899	7	10	0.2	17.5	15.1	72	0.4	7.7	0.2	206	0.2	0.04
1109434	Soil	Sand	B	50	Subtle Slope	548909	7036246	7.1	49.3	0.3	34.5	19	85	0.5	7.7	0.2	225	0.1	0.03
1109435	Soil	Sand	B	50	Subtle Slope	548936	7036275	11.7	110.1	0.3	37.4	29.1	91	1.1	7.9	0.4	256	0.1	0.02
1109436	Soil	Sand	C	70	Subtle Slope	548964	7036304	11.4	80.8	0.3	33.9	47.6	101	0.5	12.8	0.5	257	0.1	0.02
1109437	Soil	Sand	B	50	Subtle Slope	548993	7036332	115.3	277.3	0.3	37.9	41.6	80	0.5	9.8	0.4	278	0.1	0.01
1109438	Soil	Sand	B	50	Subtle Slope	549020	7036361	43.6	438.5	0.2	31.9	24.8	87	0.5	11.4	0.2	264	0.2	0.02
1109439	Soil	Sand	B	50	Pronounced Slope	549048	7036390	123.4	513.6	0.3	41	37.3	102	0.9	14.3	0.3	204	0.1	0.005
1109440	Soil	Sand	B	40	Pronounced Slope	549076	7036418	11.2	221.6	0.1	21.4	26.6	72	0.7	8.8	0.3	275	0.2	0.02
1109441	Soil	Sand	B	50	Pronounced Slope	549105	7036446	19	182.5	0.1	20.9	30.7	74	0.5	10.4	0.3	196	0.2	0.01
1109442	Soil	Sand	C	70	Pronounced Slope	549159	7036505	11.3	128.8	0.5	51.1	33.3	154	0.8	7.8	0.3	395	0.1	0.005
1109443	Soil	Sand	B	40	Pronounced Slope	549132	7036477	16.9	294.6	0.3	53	32.6	167	1.1	9.9	0.3	321	0.2	0.01
1109445	Soil	Sand	C	80	Pronounced Slope	549190	7036532	11	61.4	0.6	48.9	21.2	103	0.7	6.2	0.3	483	0.1	0.03
1109446	Soil	Sand	B	50	Subtle Slope	549216	7036562	15.1	87.3	0.4	22.8	21.8	88	0.5	4.3	0.2	386	0.1	0.04
1109447	Soil	Sand	B	50	Subtle Slope	549245	7036590	5.7	77.1	0.3	25.7	24.1	88	0.6	7.4	0.3	251	0.1	0.04
1109448	Soil	Sand	C	70	Subtle Slope	549036	7035119	11.6	152.3	0.3	45.2	17.2	81	1.1	7.8	0.2	328	0.2	0.04
1109449	Soil	Sand	C	50	Subtle Slope	549064	7035146	20.9	182.3	0.4	51.7	16.7	83	1.5	7.5	0.2	347	0.2	0.03
1109450	Soil	Sand	B	50	Subtle Slope	549093	7035177	2.7	90.4	0.05	28.1	14.1	64	0.7	6.9	0.2	322	0.2	0.02
1109451	Soil	Sand	C	50	Subtle Slope	548405	7035733	4.3	7.2	0.05	19.5	11.4	59	0.5	8	0.2	171	0.05	0.01
1109452	Soil	Sand	C	50	Subtle Slope	548434	7035762	2.5	7.1	0.05	23.9	9.6	60	0.5	9.5	0.2	246	0.05	0.02
1109453	Soil	Sand	C	50	Subtle Slope	548462	7035790	3.2	5.7	0.05	29.5	28.9	54	0.4	8.8	0.2	212	0.05	0.02
1109454	Soil	Sand	C	40	Subtle Slope	548490	7035819	3.5	3.8	0.05	18.5	13.1	56	0.4	10.6	0.2	133	0.05	0.02
1109455	Soil	Sand	C	50	Subtle Slope	548518	7035848	4.3	7.2	0.05	23	9.7	54	0.5	5.1	0.1	203	0.1	0.03
1109456	Soil	Sand	C	90	Subtle Slope	548546	7035876	0.8	3.4	0.05	18.4	8.8	44	0.3	26.5	0.2	156	0.05	0.02

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Sample #	SampleType	Soil Texture	Soil Horizon	Sample Depth	Terrain	Easting	Northing	Au (ppb) ICPMS	As (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	Th (ppm)	Bi (ppm)	Ba (ppm)	W (ppm)	Hg (ppm)
1109457	Soil	Sand	C	90	Subtle Slope	548574	7035904	0.9	1.4	0.05	7.6	6.4	36	0.1	14.6	0.5	125	0.05	0.005
1109458	Soil	Sand	C	80	Subtle Slope	548603	7035933	2.6	6.4	0.2	23.3	15	47	0.3	2.9	0.2	204	0.05	0.04
1109459	Soil	Sand	C	50	Subtle Slope	548632	7035961	6.1	8	0.05	20.8	11.3	55	0.4	11.7	0.2	227	0.1	0.02
1109460	Soil	Sand	B	40	Subtle Slope	548658	7035990	2.6	6.9	0.05	15	12.3	58	0.4	8.8	0.2	146	0.05	0.02
1109461	Soil	Sand	C	60	Subtle Slope	548686	7036019	59.6	127.5	0.4	29.2	29.5	86	0.4	6.1	0.2	165	0.05	0.03
1109462	Soil	Sand	C	50	Subtle Slope	548713	7036049	230.1	238.9	0.7	62	266.7	223	0.7	6.8	0.2	302	0.1	0.04
1109463	Soil	Sand	B	40	Subtle Slope	548743	7036077	92.9	479	0.4	39.5	218.8	345	0.9	6.2	0.3	98	0.1	0.02
1109464	Soil	Sand	C	50	Subtle Slope	548770	7036104	52.2	151.5	0.2	31	56.2	141	0.6	5.4	0.2	169	0.2	0.02
1109465	Soil	Sand	C	50	Subtle Slope	548798	7036134	43.2	133.3	0.4	33.6	63.1	120	0.5	6.2	0.2	189	0.2	0.02
1109466	Soil	Sand	C	50	Subtle Slope	548827	7036162	28.6	351.1	0.5	68.5	30.2	244	1.5	9	0.3	202	0.2	0.01
1109467	Soil	Sand	C	50	Subtle Slope	548852	7036188	13.5	93.8	0.1	25	18.9	78	0.5	7.1	0.2	198	0.1	0.03
1109468	Soil	Sand	C	50	Subtle Slope	548880	7036218	17	125.2	0.1	34	21.8	71	0.5	10.3	0.2	205	0.1	0.02
1109469	Soil	Sand	C	50	Subtle Slope	549229	7035317	13.5	106.1	0.05	33.2	13.7	70	0.7	7.5	0.2	219	0.2	0.04
1109470	Soil	Sand	C	50	Subtle Slope	549258	7035346	15	99.4	0.05	38	14.1	69	0.7	7.2	0.2	279	0.1	0.04
1109471	Soil	Sand	B	40	Subtle Slope	549286	7035374	22.7	232.4	0.05	44.6	17.1	80	0.9	9.9	0.2	256	0.2	0.03
1109472	Soil	Sand	B	50	Subtle Slope	549314	7035403	23.5	281.1	0.05	48.8	15.8	89	0.9	14.8	0.2	175	0.3	0.01
1109473	Soil	Sand	C	50	Subtle Slope	549341	7035432	16.8	202.6	0.05	50	16.6	78	0.8	11.1	0.2	202	0.1	0.03
1109474	Soil	Sand	B	40	Subtle Slope	549370	7035460	20.2	234.7	0.05	53.9	23.5	93	1	16.4	0.2	257	0.05	0.01
1109475	Soil	Sand	C	60	Subtle Slope	549398	7035489	84.1	800.1	0.05	65.5	31.5	114	0.8	24.1	0.4	289	0.2	0.01
1109476	Soil	Sand	B	40	Subtle Slope	549425	7035517	11.5	158.7	0.05	54.4	24.9	77	0.8	13.6	0.4	118	0.1	0.02
1109477	Soil	Sand	C	60	Subtle Slope	549455	7035546	8.4	57.4	0.1	34.7	15.9	77	0.8	7.9	0.2	277	0.1	0.05
1109478	Soil	Sand	B	40	Subtle Slope	549483	7035575	13.3	174.2	0.05	39.2	16.2	75	1	8.8	0.2	221	0.1	0.02
1109479	Soil	Sand	B	30	Subtle Slope	549511	7035603	28.7	769.3	0.1	57.1	20.3	80	2.1	16.6	0.2	194	0.05	0.03
1109480	Soil	Sand	B	30	Subtle Slope	549537	7035633	2.8	34.3	0.3	26.1	12	55	0.7	4.6	0.2	145	0.1	0.04
1109481	Soil	Sand	B	40	Subtle Slope	549566	7035661	7.2	160.6	0.5	22.6	14.6	51	1	3.8	0.2	186	0.2	0.04
1109482	Soil	Sand	B	40	Pronounced Slope	549594	7035689	4.5	149.3	0.4	26.5	17.1	37	0.7	0.2	0.2	89	0.05	0.03
1109483	Soil	Sand	B	60	Subtle Slope	549649	7035748	30.3	291.8	0.7	39.7	31.3	94	1.3	5.5	0.3	537	0.2	0.03
1109484	Soil	Sand	B	70	Subtle Slope	549678	7035775	23.8	239.3	0.7	36.8	29.2	75	1	4	0.3	581	0.2	0.06
1109485	Soil	Sand	C	80	Subtle Slope	549708	7035803	17.6	179.4	0.7	45.6	26.8	98	1	6.1	0.3	529	0.2	0.05
1109486	Soil	Sand	C	80	Subtle Slope	549735	7035831	21	259.4	0.4	40.9	24.5	90	1.1	5.1	0.2	412	0.2	0.04
1109487	Soil	Sand	C	90	Subtle Slope	549763	7035861	13.2	223.5	0.3	26.9	19.1	83	0.8	4.1	0.2	367	0.2	0.03
1109488	Soil	Sand	B	40	Subtle Slope	549791	7035890	5.4	104.1	0.3	31.7	24.5	87	0.7	7.1	0.2	544	0.1	0.03
1109489	Soil	Sand	C	70	Subtle Slope	549818	7035917	7.5	137.6	0.1	33.3	21.3	88	0.7	7.7	0.2	483	0.1	0.02
1109490	Soil	Sand	C	60	Pronounced Slope	549847	7035946	10	175.7	0.1	29	21.3	87	0.6	7.4	0.2	457	0.2	0.02
1109492	Soil	Sand	C	90	Subtle Slope	549873	7035976	3.1	80.1	0.1	42.4	24.7	131	0.6	9.5	0.3	700	0.1	0.01
1111701	Soil	Sand	B	110	Subtle Slope	547983	7037815	20.7	259.5	0.4	38.9	59.2	136	0.9	5.9	0.2	374	0.1	0.05
1111702	Soil	Sand	B	40	Subtle Slope	547958	7037791	11.5	44.1	0.3	20.8	35.9	90	0.6	7.5	0.2	372	0.1	0.04
1111703	Soil	Sand	B	50	Subtle Slope	547930	7037762	2.7	10.9	0.1	17.1	18.9	73	0.5	7.5	0.1	290	0.1	0.03
1111704	Soil	Sand	B	50	Subtle Slope	547900	7037733	6.6	9.1	0.2	29.7	32.4	77	0.4	8.4	0.2	314	0.1	0.04
1111705	Soil	Sand	B	60	Subtle Slope	547873	7037705	4.6	30	0.3	26.7	31.1	101	0.5	5.7	0.2	394	0.2	0.05
1111706	Soil	Sand	B	70	Subtle Slope	547841	7037674	5.9	86.4	0.3	23.8	21.5	99	0.6	4.5	0.2	458	0.2	0.05
1111707	Soil	Sand	B	50	Subtle Slope	547812	7037643	5.3	28.5	0.2	14.1	13.4	84	0.5	4.2	0.1	258	0.2	0.03
1111708	Soil	Sand	B	40	Subtle Slope	547788	7037618	4.9	73.1	0.3	20.3	26.5	118	0.5	8.9	0.2	322	0.1	0.03
1111709	Soil	Sand	B	40	Subtle Slope	547759	7037588	9.9	63.6	0.2	25.1	14.4	67	0.6	5.2	0.1	327	0.05	0.04
1111710	Soil	Sand	B	40	Subtle Slope	547732	7037561	12.6	61	0.1	22.4	23.2	74	0.7	4.1	0.2	215	0.1	0.04
1111711	Soil	Sand	B	40	Subtle Slope	547704	7037531	11.7	179.2	0.2	38.2	19.7	89	1.1	4.9	0.2	185	0.1	0.02
1111712	Soil	Sand	B	40	Subtle Slope	547676	7037501	17.8	116	0.3	30.1	17.7	52	0.6	1.7	0.2	227	0.1	0.05
1111713	Soil	Sand	B	40	Subtle Slope	547644	7037470	18.7	72.6	0.6	39.8	27	71	0.7	3	0.3	255	0.1	0.06
1111714	Soil	Sand	B	50	Subtle Slope	547619	7037444	131.9	115.5	0.7	41.5	24.6	87	0.7	1.9	0.2	290	0.1	0.06
1111715	Soil	Sand	B	50	Subtle Slope	547593	7037418	34.3	248.9	0.4	47.1	19.3	82	1	5.4	0.2	196	0.1	0.03
1111716	Soil	Sand	C	50	Subtle Slope	547565	7037390	194.5	782.9	0.5	44.5	82.3	208	1.2	5.3	0.3	187	0.2	0.01
1111718	Soil	Sand	B	50	Subtle Slope	547535	7037359	11.1	63	0.5	38.2	28.5	70	0.6	2.1	0.3	228	0.2	0.06
1111719	Soil	Sand	B	40	Subtle Slope	547505	7037328	9.6	75.3	0.4	49.7	18.1	70	0.6	2.7	0.2	201	0.2	0.06
1111720	Soil	Sand	B	50	Subtle Slope	547480	7037302	10.5	45.6	0.3	93.8	20	71	0.8	3.2	0.3	147	0.2	0.05
1111721	Soil	Sand	B	70	Subtle Slope	547454	7037275	4.6	17.7	0.1	25	15.8	62	0.5	1.3	0.1	180	0.2	0.05
1111722	Soil	Sand	B	100	Subtle Slope	547424	7037247	5.5	11.6	0.1	22.3	13.4	51	0.6	1.2	0.2	171	0.2	0.05
1111723	Soil	Sand	B	80	Subtle Slope	547397	7037219	4.6	9.9	0.05	26.3	16	86	0.6	2.3	0.2	246	0.2	0.03
1111724	Soil	Sand	B	40	Subtle Slope	547369	7037189	5	2.6	0.05	17.7	9.9	84	0.4	2.4	0.1	268	0.1	0.03
1111725	Soil	Sand	B	40	Subtle Slope	547351	7037159	4.3	5.6	0.1	21.5	8.9	70	0.4	1.9	0.1	397	0.2	0.04
1111726	Soil	Sand	B	50	Subtle Slope	547311	7037133	2.1	3.1	0.05	7.6	11.6	40	0.2	5.2	0.1	275	0.1	0.05

Sample #	SampleType	Soil Texture	Soil Horizon	Sample Depth	Terrain	Easting	Northing	Au (ppb) ICPMS	As (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	Th (ppm)	Bi (ppm)	Ba (ppm)	W (ppm)	Hg (ppm)
1111727	Soil	Sand	B	90	Subtle Slope	547284	7037102	4.4	3.6	0.05	13.1	15.2	62	0.3	8.9	0.1	317	0.1	0.03
1111728	Soil	Sand	B	50	Subtle Slope	547257	7037075	3.3	6.4	0.1	20.6	15.4	72	0.4	6.9	0.2	393	0.1	0.04
1111729	Soil	Sand	B	50	Subtle Slope	547228	7037047	4.2	3	0.05	20.9	16.6	78	0.3	6.6	0.2	346	0.05	0.03
1111730	Soil	Sand	B	50	Subtle Slope	547199	7037018	5.2	4.8	0.2	18.4	16	70	0.3	2.9	0.2	307	0.1	0.06
1111731	Soil	Sand	B	40	Subtle Slope	547171	7036987	3.7	5.2	0.2	20.2	12.9	57	0.3	1.5	0.2	323	0.1	0.05
1111732	Soil	Sand	B	40	Subtle Slope	547144	7036961	3.1	5.9	0.05	16.3	13.2	63	0.3	4.3	0.2	214	0.1	0.03
1111733	Soil	Sand	C	30	Subtle Slope	547202	7036907	2.4	7.8	0.05	13.8	12.8	51	0.4	5.8	0.1	131	0.1	0.03
1111736	Soil	Sand	B	50	Subtle Slope	547340	7037271	5.2	6.8	0.1	16.7	10.1	86	0.3	2.1	0.3	330	0.2	0.02
1111737	Soil	Silt	B	60	Subtle Slope	547369	7037303	3.3	12.8	0.1	23	12.7	70	0.4	2.7	0.2	166	0.2	0.03
1111738	Soil	Silt	B	80	Subtle Slope	547395	7037331	3.6	18.4	0.1	20.4	13	59	0.5	1.5	0.2	157	0.2	0.03
1111739	Soil	Sand	B	50	Subtle Slope	547424	7037360	5	23.4	0.1	44.2	12.7	58	0.6	2.6	0.3	186	0.2	0.03
1111740	Soil	Silt	C	100	Subtle Slope	547453	7037388	4.4	38.3	0.2	37.6	14.1	59	0.7	2	0.3	219	0.2	0.03
1111741	Soil	Silt	B	60	Subtle Slope	547480	7037417	50.3	462.7	0.3	43.4	50.1	170	1	4.5	0.3	209	0.2	0.04
1111742	Soil	Silt	B	70	Subtle Slope	547508	7037446	19.8	136.1	0.3	39.6	15.6	77	0.9	2	0.2	230	0.1	0.05
1111743	Soil	Silt	B	50	Subtle Slope	547535	7037473	13.8	141.2	0.3	35.8	18	77	0.8	3.3	0.2	278	0.05	0.04
1111744	Soil	Sand	B	70	Subtle Slope	547562	7037501	7.8	98.2	0.4	23.7	16.7	65	0.6	2.3	0.3	173	0.1	0.04
1111745	Soil	Sand	B	50	Subtle Slope	547591	7037530	17.9	94.8	0.3	25	17.5	78	0.6	6.6	0.2	156	0.1	0.03
1111746	Soil	Silt	B	60	Subtle Slope	547619	7037558	84.5	275	0.7	26.2	19.6	64	0.9	1.7	0.2	162	0.1	0.04
1111747	Soil	Sand	B	40	Subtle Slope	547646	7037587	3.6	162.6	0.4	28.3	14.9	67	1.5	0.8	0.2	82	0.05	0.02
1111748	Soil	Sand	B	50	Subtle Slope	547675	7037616	4.4	72	0.3	17.5	37	73	0.5	3.1	0.2	189	0.1	0.03
1111749	Soil	Sand	C	50	Subtle Slope	547701	7037643	5.7	59.6	0.2	19.5	21.9	77	0.7	8.7	0.2	234	0.2	0.04
1111750	Soil	Silt	B	60	Subtle Slope	547731	7037673	10.9	207	0.3	28.2	38	111	0.9	7.6	0.2	227	0.1	0.03
1111751	Soil	Silt	C	60	Subtle Slope	547934	7037534	1.5	5.2	0.05	18.6	21.7	89	0.4	8	0.2	464	0.1	0.03
1111752	Soil	Silt	B	70	Subtle Slope	547961	7037564	2.9	5.1	0.3	27.8	13.1	56	0.5	4.4	0.2	521	0.1	0.08
1111753	Soil	Silt	C	40	Subtle Slope	547988	7037591	2.1	3	0.1	23	22.2	79	0.3	12.6	0.3	227	0.1	0.04
1111754	Soil	Silt	C	40	Subtle Slope	548014	7037620	4.2	3.3	0.05	17	15.5	66	0.3	7.4	0.2	163	0.05	0.02
1111755	Soil	Silt	B	70	Subtle Slope	548043	7037649	3	4.7	0.2	20.8	23.6	66	0.4	8.8	0.3	368	0.1	0.06
1111756	Soil	Silt	B	60	Subtle Slope	548071	7037677	1.7	5.7	0.05	16.1	14.2	74	0.4	7	0.2	314	0.1	0.04
1111757	Soil	Silt	C	70	Subtle Slope	548100	7037706	2.6	6.2	0.1	22.6	14.7	78	0.5	7.3	0.2	383	0.2	0.05
1111758	Soil	Silt	B	30	Pronounced Slope	548669	7037149	3.8	13.2	1.1	14.8	29.2	68	0.5	3.5	0.2	212	0.1	0.02
1111759	Soil	Sand	C	60	Pronounced Slope	548642	7037122	8.1	65.5	0.3	34.5	28.3	98	0.7	10.8	0.2	229	0.2	0.02
1111760	Soil	Sand	C	60	Pronounced Slope	548614	7037093	11.9	97.9	0.5	37	20.9	105	1.1	8.1	0.2	287	0.1	0.02
1111761	Soil	Sand	C	60	Pronounced Slope	548585	7037063	6.3	53	0.3	30.3	17.6	92	0.7	8.6	0.1	277	0.1	0.03
1111762	Soil	Silt	B	60	Pronounced Slope	548560	7037034	9.5	46.2	0.5	32.2	76.9	77	0.7	5.6	0.1	285	0.1	0.03
1111763	Soil	Silt	B	40	Subtle Slope	547596	7037193	4	11.4	0.1	25.6	13.9	66	0.5	4.5	0.2	240	0.1	0.03
1111764	Soil	Sand	C	40	Subtle Slope	547624	7037221	9.7	35.8	0.4	20	40.6	23	0.4	0.2	0.3	44	0.05	0.05
1111765	Soil	Sand	C	50	Subtle Slope	547652	7037250	333.3	1717.4	0.4	32.5	203.2	271	1.3	3.9	0.4	132	0.2	0.03
1111766	Soil	Silt	B	50	Subtle Slope	547681	7037277	4.1	15.4	0.1	23.4	16.1	25	0.2	0.5	0.2	124	0.05	0.04
1111767	Soil	Silt	C	50	Subtle Slope	547708	7037307	6.9	95.9	0.05	20.3	14.2	30	0.3	0.1	0.2	58	0.05	0.03
1111768	Soil	Sand	C	50	Subtle Slope	547735	7037336	9	97.8	0.1	31	15.9	56	0.5	2.2	0.2	197	0.1	0.02
1111769	Soil	Silt	B	30	Subtle Slope	547764	7037364	3.3	7.1	0.2	25.2	15.2	24	0.2	0.05	0.2	155	0.05	0.07
1111770	Soil	Sand	C	40	Subtle Slope	547791	7037393	16.2	113.2	0.05	33.5	48.6	89	0.8	7.6	0.3	159	0.1	0.01
1111771	Soil	Sand	C	60	Subtle Slope	547821	7037421	184.9	29.3	0.1	16.5	94.6	101	0.4	2.7	0.2	142	0.05	0.02
1111772	Soil	Silt	B	70	Subtle Slope	547849	7037450	12.2	23.7	0.05	26.2	14	60	0.5	5.3	0.2	203	0.1	0.03
1111773	Soil	Silt	B	50	Subtle Slope	547878	7037477	30.9	91	0.2	46.2	21.9	95	0.6	5.9	0.2	200	0.2	0.03
1111774	Soil	Silt	B	40	Subtle Slope	547905	7037506	4.1	5.1	0.2	16.9	12.1	52	0.4	2.2	0.2	432	0.1	0.08
1111775	Soil	Silt	B	40	Subtle Slope	547484	7037078	2.5	3.6	0.05	15.7	41.2	49	0.4	0.9	0.4	101	0.1	0.04
1111776	Soil	Sand	C	40	Subtle Slope	547511	7037106	0.25	10	0.05	19.1	12.6	56	0.4	1.8	0.2	173	0.2	0.04
1111777	Soil	Silt	B	40	Subtle Slope	547540	7037135	0.8	5.4	0.05	14	11.3	41	0.3	0.5	0.2	181	0.1	0.06
1111778	Soil	Sand	C	40	Subtle Slope	547570	7037163	163.3	187.4	3.8	133.6	2245.9	2383	0.8	2.9	0.8	103	0.2	0.03
1111779	Soil	Sand	B	30	Subtle Slope	547317	7036794	0.9	5.8	0.05	14.1	9.5	42	0.4	5	0.2	178	0.05	0.01
1111780	Soil	Sand	B	40	Subtle Slope	547349	7036827	0.9	8.4	0.05	14.4	9.3	47	0.4	4	0.2	181	0.1	0.02
1111781	Soil	Clay	B	60	Subtle Slope	547377	7036855	2.1	4.5	0.05	13.1	22.5	42	0.2	3	0.1	453	0.1	0.02
1111782	Soil	Clay	B	40	Subtle Slope	547406	7036883	1.1	7.9	0.3	26.8	34.2	64	0.6	0.7	0.2	275	0.1	0.04
1111783	Soil	Sand	C	50	Subtle Slope	547434	7036911	1.2	9	0.05	19.9	26.3	70	0.5	1.8	0.2	173	0.1	0.03
1111784	Soil	Sand	B	40	Subtle Slope	547460	7036943	3	7.3	0.2	29.4	13.2	62	0.5	2.2	0.2	196	0.1	0.03
1111785	Soil	Sand	B	60	Subtle Slope	547485	7036972	1.5	8.4	0.1	30.2	9.6	53	0.5	2.5	0.2	254	0.1	0.04
1111786	Soil	Sand	B	50	Subtle Slope	547516	7037001	2.9	13.8	0.2	37.4	11	60	0.6	2	0.2	290	0.1	0.03
1111787	Soil	Sand	B	50	Flat	547546	7037027	2.8	21.3	0.2	33.4	10.5	50	0.5	2.6	0.2	279	0.1	0.04
1111788	Soil	Sand	B	50	Flat	547571	7037057	5	32.2	0.05	42.5	13.7	58	0.5	3.3	0.2	261	0.2	0.03

Sample #	SampleType	Soil Texture	Soil Horizon	Sample Depth	Terrain	Easting	Northing	Au (ppb) ICPMS	As (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	Th (ppm)	Bi (ppm)	Ba (ppm)	W (ppm)	Hg (ppm)
1111789	Soil	Sand	C	50	Subtle Slope	547600	7037085	353.9	28.4	0.2	18.3	11.9	30	0.5	1.6	0.3	71	0.2	0.02
1111790	Soil	Silt	B	40	Subtle Slope	547628	7037115	7.6	18.8	0.2	27.4	16.1	57	0.5	4.7	0.2	221	0.2	0.04
1111791	Soil	Sand	C	40	Subtle Slope	547657	7037143	28.2	169.6	0.2	39.7	36.2	210	1	5.9	0.5	195	0.2	0.03
1111792	Soil	Sand	O	50	Flat	547685	7037172	22.2	548.7	0.05	39.7	52	46	6.3	10.6	0.5	176	0.1	0.005
1111794	Soil	Sand	C	30	Flat	547711	7037202	69.8	277.5	0.1	46.1	46	112	1.2	9.5	0.3	257	0.1	0.01
1111795	Soil	Sand	B	40	Subtle Slope	547738	7037230	7.3	118	0.05	43.4	11.7	67	0.6	7.7	0.2	134	0.1	0.03
1111796	Soil	Sand	B	30	Flat	547768	7037257	3.5	131.2	0.05	18	12.1	20	0.4	0.9	0.2	84	0.05	0.01
1111797	Soil	Sand	B	30	Flat	547796	7037287	229.9	21.4	0.2	26.9	13.1	46	0.6	5.2	0.2	195	0.1	0.04
1111798	Soil	Sand	B	30	Flat	547823	7037316	1.1	17.3	0.05	19.7	11.5	55	0.6	3.3	0.2	270	0.2	0.03
1111799	Soil	Sand	B	30	Flat	547846	7037338	35.2	23.1	0.2	33.7	14.2	81	0.7	7.7	0.2	195	0.2	0.04
1111800	Soil	Sand	C	50	Subtle Slope	547873	7037367	3.7	24.3	0.05	34.1	17.8	69	0.9	12.6	0.2	232	0.05	0.02
1111801	Soil	Sand	B	60	Pronounced Slope	548044	7037761	1.5	6.4	0.1	15.7	11.9	75	0.4	6.6	0.1	298	0.2	0.03
1111802	Soil	Sand	B	50	Subtle Slope	548013	7037733	4	7.3	0.1	18.3	21	88	0.4	10.1	0.1	359	0.1	0.03
1111803	Soil	Silt	C	70	Subtle Slope	547985	7037704	11.1	29.5	0.4	25.1	88.4	110	0.5	13.3	0.2	305	0.2	0.03
1111804	Soil	Sand	C	50	Pronounced Slope	547959	7037674	5.9	15.7	0.1	21.8	17.7	78	0.6	10.1	0.2	222	0.1	0.02
1111805	Soil	Sand	B	50	Pronounced Slope	547931	7037645	1.6	8.1	0.2	22.9	15.8	62	0.5	7.2	0.2	321	0.1	0.03
1111806	Soil	Sand	B	40	Subtle Slope	547903	7037616	5.5	7.2	0.1	18.5	19	70	0.4	6.4	0.2	335	0.1	0.05
1111807	Soil	Sand	B	40	Subtle Slope	547877	7037589	5.5	20.9	0.2	19.4	12.9	77	0.4	4.1	0.1	501	0.2	0.06
1111808	Soil	Sand	B	50	Subtle Slope	547848	7037561	12	139.3	0.8	46.5	21.9	128	0.6	3.8	0.3	566	0.2	0.06
1111809	Soil	Sand	B	30	Pronounced Slope	547820	7037532	4.1	43.5	0.1	18.5	17.4	63	0.5	2.9	0.2	159	0.1	0.02
1111810	Soil	Sand	C	70	Pronounced Slope	547793	7037504	7.2	98	0.05	36.5	48.3	120	0.6	19	0.1	300	0.05	0.005
1111812	Soil	Sand	C	50	Subtle Slope	547765	7037474	12.8	150.1	0.2	46.6	23.5	88	1.9	8	0.2	244	0.05	0.005
1111813	Soil	Sand	B	30	Subtle Slope	547736	7037447	23.5	293.8	0.4	62.8	28.1	88	1.5	5.4	0.2	256	0.1	0.01
1111814	Soil	Sand	C	50	Subtle Slope	547708	7037418	24.2	63	0.2	41	24.3	82	0.7	6.3	0.2	224	0.1	0.02
1111815	Soil	Sand	B	50	Subtle Slope	547679	7037391	37.3	320.7	0.4	54.2	24.4	88	1	5.6	0.3	243	0.1	0.02
1111816	Soil	Sand	B	50	Subtle Slope	547651	7037362	24.4	368.8	0.3	48.1	14.6	75	0.8	3.5	0.2	162	0.1	0.03
1111817	Soil	Sand	C	50	Pronounced Slope	547624	7037332	242.7	1137	0.5	51	99.2	312	1.3	5.4	0.2	210	0.1	0.02
1111818	Soil	Sand	B	50	Pronounced Slope	547597	7037303	3.9	83.9	0.1	26.8	17.5	77	0.6	3.5	0.3	187	0.2	0.01
1111819	Soil	Sand	B	40	Subtle Slope	547568	7037274	36.5	55.3	0.3	78.7	16.7	64	0.7	4	0.4	154	0.2	0.02
1111820	Soil	Sand	B	100	Pronounced Slope	547512	7037217	28.8	36.6	0.3	38.8	91.9	197	0.6	2.4	0.2	142	0.2	0.03
1111821	Soil	Sand	B	80	Pronounced Slope	547485	7037185	14.1	14	0.1	20.6	13.1	55	0.5	1.5	0.1	155	0.3	0.03
1111822	Soil	Silt	A	40	Subtle Slope	547457	7037158	2.8	13.8	0.2	28.8	16.3	59	0.5	1.1	0.2	212	0.1	0.08
1111823	Soil	Sand	B	50	Subtle Slope	547428	7037130	3.5	10.8	0.2	31.1	17.1	59	0.4	2.8	0.2	284	0.1	0.04
1111824	Soil	Sand	B	50	Subtle Slope	547400	7037103	6	5.4	0.1	17.8	10	64	0.4	2.5	0.1	282	0.2	0.03
1111825	Soil	Sand	B	40	Subtle Slope	547371	7037075	5.6	6.5	0.05	19.9	10.1	61	0.3	3.8	0.1	394	0.2	0.03
1111826	Soil	Sand	B	50	Subtle Slope	547343	7037046	2.3	2.5	0.2	8	8.7	38	0.3	5.7	0.1	467	0.05	0.04
1111827	Soil	Sand	C	60	Subtle Slope	547314	7037017	3	1.6	0.05	10	14.2	39	0.2	6.7	0.1	367	0.05	0.01
1111828	Soil	Sand	C	50	Subtle Slope	547258	7036960	2	4.6	0.05	62	20.3	87	0.3	12	0.1	334	0.1	0.01
1111829	Soil	Sand	C	60	Subtle Slope	548442	7037371	16.6	277.6	0.3	47.3	33.9	90	0.9	5.6	0.9	294	0.3	0.05
1111830	Soil	Silt	B	60	Subtle Slope	548416	7037342	2	13.4	0.2	32.1	11.5	56	0.6	2	0.2	310	0.1	0.05
1111831	Soil	Sand	B	100	Pronounced Slope	548391	7037311	3.2	13.5	0.1	28.6	11.9	55	0.6	2.3	0.2	280	0.1	0.03
1111832	Soil	Silt	B	60	Subtle Slope	548361	7037284	1.7	13.6	0.2	31.5	11.6	54	0.6	1.7	0.2	312	0.2	0.03
1111833	Soil	Silt	B	50	Subtle Slope	548335	7037254	2.7	13	0.1	27.3	11.4	55	0.4	1.8	0.2	281	0.1	0.03
1111834	Soil	Sand	B	50	Subtle Slope	548306	7037225	2.4	14.4	0.1	28.7	12.1	53	0.5	2.6	0.2	229	0.2	0.03
1111835	Soil	Silt	B	70	Subtle Slope	548276	7037198	2.4	10.9	0.1	27.4	13.8	58	0.5	2.4	0.2	396	0.2	0.04
1115119	Soil	Sand	B	40	Pronounced Slope	546687	7037406	1.6	4.5	0.05	15	13	59	0.3	6.2	0.2	357	0.1	0.01
1115120	Soil	Sand	B	20	Pronounced Slope	546714	7037437	1.3	5.6	0.05	13	10.9	54	0.3	3.4	0.2	104	0.2	0.02
1115121	Soil	Sand	B	40	Pronounced Slope	546741	7037466	1.5	6.1	0.05	17.5	14.9	54	0.4	5.7	0.2	345	0.1	0.02
1115122	Soil	Sand	B	40	Pronounced Slope	546769	7037494	3.4	2.8	0.05	10.8	14.4	30	0.3	1.8	0.2	127	0.1	0.01
1115123	Soil	Sand	B	40	Subtle Slope	546797	7037523	1.3	3.2	0.05	12.4	11.6	37	0.2	1.3	0.2	147	0.1	0.02
1115124	Soil	Sand	B	40	Subtle Slope	546827	7037551	1.8	6.8	0.05	10.1	15	36	0.4	2.2	0.2	95	0.1	0.02
1115125	Soil	Sand	B	50	Subtle Slope	546851	7037580	1.5	6.8	0.05	21	10.4	58	0.5	6.5	0.1	426	0.1	0.005
1115126	Soil	Sand	B	50	Subtle Slope	546879	7037609	2.7	6.4	0.05	18	10.7	58	0.4	5.6	0.2	349	0.2	0.02
1115127	Soil	Sand	B	60	Subtle Slope	546909	7037637	5.4	5.2	0.05	17.8	8.4	53	0.4	6.6	0.2	264	0.1	0.01
1115128	Soil	Sand	B	50	Subtle Slope	546936	7037665	3	3.4	0.05	16.8	8.9	54	0.3	7	0.1	275	0.1	0.01
1115129	Soil	Sand	B	50	Pronounced Slope	546964	7037693	0.25	4	0.05	11.4	10.1	55	0.2	6.4	0.2	163	0.1	0.005
1115130	Soil	Sand	B	50	Pronounced Slope	546992	7037721	8.7	15.6	0.05	19.1	11.9	130	0.4	6.6	0.1	248	0.05	0.01
1115131	Soil	Sand	B	60	Subtle Slope	547020	7037751	3.3	11.1	0.05	18.8	11.6	62	0.4	4.3	0.1	306	0.2	0.02
1115132	Soil	Sand	B	80	Subtle Slope	547048	7037781	3.6	7.6	0.05	17.3	10.3	65	0.4	5.2	0.1	313	0.2	0.02
1115133	Soil	Sand	C	60	Pronounced Slope	547077	7037808	3	4.4	0.2	90.5	85.5	464	0.4	4.5	0.2	405	0.1	0.02

Flume Soil Sample Data 2011

Sample #	SampleType	Soil Texture	Soil Horizon	Sample Depth	Terrain	Easting	Northing	Au (ppb) ICPMS	As (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	Th (ppm)	Bi (ppm)	Ba (ppm)	W (ppm)	Hg (ppm)
1115134	Soil	Sand	B	70	Pronounced Slope	547105	7037836	2.5	5.6	0.2	26.3	21	96	0.4	5.3	0.2	330	0.1	0.03
1115135	Soil	Sand	B	70	Pronounced Slope	547134	7037864	2.8	5.2	0.2	33.7	22	154	0.3	4.3	0.2	407	0.1	0.05
1115136	Soil	Sand	B	60	Pronounced Slope	547161	7037894	4.5	5.1	0.5	79.5	31.2	519	0.3	3.4	0.2	528	0.1	0.06
1115137	Soil	Sand	B	50	Pronounced Slope	547190	7037921	3.5	5.5	0.5	42.2	54.2	165	0.3	2.3	0.2	330	0.1	0.06
1115138	Soil	Sand	B	70	Pronounced Slope	547217	7037951	5.2	11.8	0.3	43	41.3	272	0.3	3.2	0.2	358	0.2	0.07
1115139	Soil	Sand	B	50	Pronounced Slope	547246	7037978	5.9	36.2	0.3	33.6	45.7	241	0.3	3.1	0.3	226	0.1	0.03
1115140	Soil	Sand	B	40	Pronounced Slope	547273	7038008	3.5	17.6	0.1	31.1	21.7	204	0.3	3.6	0.2	255	0.2	0.03
1115141	Soil	Sand	B	60	Pronounced Slope	547303	7038034	3.9	25.5	0.2	29.4	20.7	201	0.4	3.9	0.2	331	0.1	0.03
1115142	Soil	Sand	B	70	Pronounced Slope	547330	7038064	5.1	64.9	0.1	27.1	21.8	133	0.5	7	0.2	266	0.1	0.03
1115143	Soil	Sand	B	50	Pronounced Slope	547358	7038093	6	28.1	0.2	29.3	18.6	128	0.5	3.3	0.2	354	0.2	0.04
1115144	Soil	Sand	B	70	Pronounced Slope	547414	7038151	8.2	143.2	0.5	34.3	106.5	112	0.9	5	0.2	398	0.1	0.03
1115145	Soil	Sand	B	40	Pronounced Slope	547386	7038122	14.7	163.8	1.5	35.5	103.4	87	0.7	2.1	0.2	421	0.1	0.06
1115146	Soil	Sand	B	50	Pronounced Slope	547443	7038179	5.5	122.1	0.5	33.2	75.5	98	0.8	3.5	0.2	257	0.1	0.03
1115147	Soil	Sand	B	50	Pronounced Slope	547471	7038207	6.8	136.3	0.5	36.3	78.6	87	0.8	3.2	0.2	315	0.1	0.03
1115148	Soil	Sand	B	60	Pronounced Slope	547497	7038237	5	106.9	0.2	28.7	58.6	109	0.9	15	0.2	305	0.1	0.02
1115150	Soil	Sand	B	40	Pronounced Slope	547527	7038265	3.1	71.2	0.1	23.4	22.3	78	0.7	10.5	0.1	259	0.1	0.01
1124055	Soil	Clay	C	40	Pronounced Slope	547526	7038151	5.6	137.9	0.4	34.8	69.5	105	0.9	7.1	0.2	573	0.2	0.02
1124056	Soil	Clay	C	60	Pronounced Slope	547500	7038124	6.4	124.9	0.6	34.1	98.4	81	0.9	7.7	0.2	403	0.2	0.04
1124057	Soil	Clay	C	60	Pronounced Slope	547471	7038092	18.3	99.7	0.5	26.9	54.3	77	0.8	4.3	0.2	475	0.2	0.04
1124058	Soil	Silt	C	50	Pronounced Slope	547443	7038063	11	184.2	0.5	49.2	42.9	109	1.4	8.6	0.2	432	0.3	0.03
1124059	Soil	Silt	B	30	Pronounced Slope	547414	7038038	1.9	69.2	0.1	50.9	18.1	107	0.8	12.1	0.2	285	0.1	0.02
1124060	Soil	Clay	C	80	Pronounced Slope	547387	7038005	32.4	97.4	0.5	33.7	31.2	175	0.6	3.5	0.2	306	0.2	0.06
1124061	Soil	Clay	C	70	Pronounced Slope	547360	7037980	8.9	96.7	0.2	29.7	25.2	170	0.5	4.7	0.2	265	0.2	0.03
1124062	Soil	Clay	B	70	Pronounced Slope	547330	7037950	7.9	43.4	0.6	33	46.4	172	0.3	1.5	0.2	285	0.2	0.07
1124063	Soil	Clay	C	70	Pronounced Slope	547303	7037923	39.9	31.8	0.5	34.3	68.6	187	0.3	3	0.2	251	0.2	0.06
1124064	Soil	Clay	C	70	Pronounced Slope	547275	7037892	10.2	56.8	0.7	50.4	130.2	324	0.5	3	0.3	336	0.2	0.06
1124065	Soil	Clay	C	50	Pronounced Slope	547247	7037867	14	31.7	1	61.3	61.9	542	0.4	2.7	0.3	499	0.1	0.09
1124067	Soil	Clay	C	90	Pronounced Slope	547219	7037836	5.1	15.3	0.2	30.1	16.3	387	0.4	3.9	0.2	446	0.2	0.04
1124068	Soil	Clay	C	90	Pronounced Slope	547192	7037807	3.8	6.5	0.3	27.9	12.7	233	0.4	3.8	0.2	383	0.2	0.05
1124069	Soil	Clay	C	80	Pronounced Slope	547163	7037778	4.5	12.3	0.3	20	88	143	0.5	4.2	0.2	374	0.2	0.03
1124070	Soil	Clay	B	50	Pronounced Slope	547135	7037750	5.2	6.4	0.3	32.3	15.4	83	0.3	1.3	0.2	333	0.2	0.05
1124072	Soil	Clay	C	80	Pronounced Slope	547108	7037722	4.5	12.4	0.1	18.2	11.7	71	0.4	6.3	0.2	323	0.1	0.02
1124073	Soil	Clay	C	50	Steep	547080	7037693	2.5	9.4	0.05	13.3	7.8	49	0.3	6.4	0.2	215	0.1	0.01
1124074	Soil	Clay	C	70	Pronounced Slope	547051	7037665	2.8	6.8	0.05	13.3	10.3	55	0.4	5.2	0.2	224	0.1	0.01
1124075	Soil	Clay	C	50	Pronounced Slope	547024	7037636	1.1	4.6	0.05	13.2	7.8	52	0.4	7	0.2	237	0.1	0.005
1124076	Soil	Clay	C	70	Pronounced Slope	546939	7037551	6.5	6.5	0.05	17.3	8.8	58	0.4	5.5	0.1	278	0.1	0.01
1124077	Soil	Clay	C	80	Pronounced Slope	546912	7037522	1.4	7.1	0.05	17.9	10.8	61	0.4	6.3	0.2	330	0.1	0.03
1124078	Soil	Clay	C	80	Pronounced Slope	546882	7037494	1.6	7.1	0.05	20.4	9.7	50	0.3	5.1	0.2	374	0.1	0.03
1124079	Soil	Clay	C	40	Pronounced Slope	546856	7037464	0.7	7.4	0.05	15	8.3	42	0.4	3.7	0.1	112	0.2	0.02
1124080	Soil	Clay	C	60	Pronounced Slope	546827	7037435	0.6	7.8	0.05	17.3	9.3	43	0.3	1.3	0.2	212	0.05	0.03
1124081	Soil	Clay	C	30	Pronounced Slope	546800	7037407	1.7	5.9	0.05	11.7	9.7	47	0.3	3.7	0.2	143	0.1	0.02
1124082	Soil	Clay	B	40	Pronounced Slope	546771	7037381	1.5	5.2	0.05	11.7	9.1	56	0.3	2.9	0.2	103	0.1	0.02
1124083	Soil	Clay	C	30	Pronounced Slope	546743	7037352	0.7	4.8	0.05	13.4	7.8	64	0.3	5.2	0.2	331	0.1	0.02
1124084	Soil	Clay	C	50	Pronounced Slope	546996	7037608	1.2	5.8	0.05	14.1	8.4	57	0.4	5.5	0.2	262	0.2	0.01
1124085	Soil	Clay	C	50	Pronounced Slope	546967	7037580	2	6.5	0.05	15.2	8.3	56	0.3	5.4	0.2	254	0.2	0.02
1130289	Soil	Clay	B	50	Pronounced Slope	549877	7035748	6.2	70.2	0.3	21.2	14.7	68	0.5	2.1	0.2	338	0.2	0.05
1130290	Soil	Clay	B	60	Pronounced Slope	549905	7035777	7.4	84.7	0.3	18.6	16.1	65	0.3	2.8	0.2	290	0.2	0.03
1130291	Soil	Clay	B	50	Pronounced Slope	549933	7035806	6.9	85.7	0.3	16.7	15.9	57	0.4	2.1	0.2	201	0.1	0.04
1130292	Soil	Clay	B	50	Pronounced Slope	549961	7035835	10.4	90.3	0.3	17.9	15.9	60	0.3	2.1	0.2	183	0.2	0.03
1130293	Soil	Clay	B	50	Pronounced Slope	549988	7035863	14.7	84	0.3	22.7	20.9	97	0.3	5.9	0.2	283	0.1	0.03
1130294	Soil	Clay	C	40	Pronounced Slope	550219	7035640	31.3	147.5	0.2	34.7	16.9	96	0.7	7.1	0.2	327	0.1	0.01
1131903	Soil	Sand	B	40	Subtle Slope	549425	7035176	5	27.5	0.2	31.3	11.2	55	0.4	3.9	0.2	484	0.2	0.04
1131904	Soil	Sand	B	20	Subtle Slope	549399	7035146	9.9	139.2	0.6	24.4	10.4	56	0.9	2.3	0.1	463	0.2	0.03
1131905	Soil	Silt	B	20	Subtle Slope	549371	7035117	1.4	101.8	0.2	24.6	11.9	55	0.7	3	0.2	251	0.2	0.01
1131906	Soil	Silt	B	30	Subtle Slope	549343	7035089	0.9	94.9	0.3	16.7	10.3	48	0.6	3.1	0.1	195	0.2	0.02
1131907	Soil	Sand	B	20	Subtle Slope	549320	7035066	8.7	146.4	1.1	38.4	18.7	78	0.9	1.5	0.2	511	0.2	0.05
1131908	Soil	Sand	B	30	Subtle Slope	549292	7035036	12.7	148.1	0.3	34.3	14.4	89	0.9	5.4	0.2	326	0.1	0.02
1131909	Soil	Sand	B	20	Subtle Slope	549264	7035008	6	126.4	0.3	29	15.9	76	0.9	2.3	0.2	325	0.1	0.03
1131910	Soil	Sand	B	20	Subtle Slope	549235	7034979	14.5	124.5	0.8	37.5	14.8	81	0.7	1.1	0.2	447	0.1	0.05
1131911	Soil	Sand	B	40	Subtle Slope	549207	7034951	16.8	82.3	0.4	32.7	11.8	72	0.6	4.7	0.2	321	0.2	0.03

Sample #	SampleType	Soil Texture	Soil Horizon	Sample Depth	Terrain	Easting	Northing	Au (ppb) ICPMS	As (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	Th (ppm)	Bi (ppm)	Ba (ppm)	W (ppm)	Hg (ppm)
1131901	Soil	Sand	B	20	Subtle Slope	549484	7035231	17.5	53.9	0.4	40.7	11.3	62	0.5	5	0.2	437	0.2	0.04
1131902	Soil	Sand	B	50	Subtle Slope	549455	7035202	26.5	174.2	0.3	30.4	11.3	61	0.6	2.6	0.2	766	0.2	0.04
1133802	Soil	Clay	C	40	Pronounced Slope	550191	7035611	67.5	141	0.6	39.7	14.9	94	0.7	5.8	0.2	404	0.1	0.02
1133803	Soil	Clay	C	60	Pronounced Slope	550162	7035583	10.5	102.9	0.2	28	13.7	68	0.6	6.4	0.2	274	0.2	0.02
1133804	Soil	Clay	B	40	Pronounced Slope	550134	7035555	15.5	138	0.8	45.7	24.9	82	0.5	9	0.2	384	0.1	0.05
1133805	Soil	Clay	C	40	Pronounced Slope	550105	7035526	3.7	53	0.3	30.5	12.9	73	0.6	8.1	0.2	347	0.2	0.02
1133806	Soil	Clay	B	40	Pronounced Slope	550078	7035497	3.4	36	0.3	33.1	14.4	92	0.7	11.4	0.1	371	0.2	0.03
1133807	Soil	Clay	B	40	Pronounced Slope	550050	7035468	5.6	43.3	0.6	34.2	11.2	85	0.4	6.8	0.1	572	0.1	0.05
1133808	Soil	Clay	B	60	Pronounced Slope	550022	7035438	7.3	50.2	0.6	26.6	14.4	56	0.5	2.6	0.2	326	0.1	0.04
1133809	Soil	Clay	B	40	Pronounced Slope	549995	7035411	20.3	263.3	0.6	41.6	17.6	88	0.7	7.4	0.2	353	0.1	0.04
1133810	Soil	Clay	B	40	Pronounced Slope	549964	7035382	11.7	102.6	0.4	23.3	19.1	60	0.5	5.3	0.2	244	0.1	0.02
1133811	Soil	Clay	B	40	Subtle Slope	549938	7035354	6.9	51.8	0.5	19.8	13.1	53	0.4	4.4	0.2	388	0.1	0.02
1133812	Soil	Sand	C	50	Subtle Slope	549909	7035325	20	95.7	0.1	34.8	15	95	0.6	12	0.2	587	0.1	0.01
1133813	Soil	Clay	B	40	Subtle Slope	549883	7035297	6.1	115	0.2	31.3	11.1	117	1.1	5.1	0.1	344	0.1	0.02
1133814	Soil	Clay	B	40	Subtle Slope	549854	7035267	1.6	25.4	0.05	18.7	12.3	67	0.5	8.6	0.2	192	0.05	0.01
1133815	Soil	Clay	B	40	Subtle Slope	549826	7035239	3.4	73.9	0.1	17	23.7	77	0.4	11.1	0.2	241	0.05	0.005
1133816	Soil	Clay	B	40	Pronounced Slope	549797	7035211	2.4	44.8	0.3	11.7	18.4	66	0.5	6	0.2	174	0.1	0.005
1133817	Soil	Clay	B	40	Subtle Slope	549770	7035182	10.3	141.8	0.6	29.9	21.9	84	0.9	8.4	0.2	296	0.2	0.01
1133818	Soil	Clay	C	40	Subtle Slope	549741	7035153	15	138.5	0.4	29.9	17	59	0.9	7.1	0.2	237	0.1	0.04
1133819	Soil	Clay	B	40	Pronounced Slope	549714	7035124	28.4	127.8	0.5	36.7	15.9	66	0.6	5.7	0.2	286	0.2	0.03
1133820	Soil	Clay	C	40	Subtle Slope	549687	7035095	10.9	84.5	0.05	28.4	10.5	64	0.6	7.5	0.2	211	0.4	0.01
1133821	Soil	Clay	C	50	Subtle Slope	549659	7035066	11.9	175.6	0.2	29.9	17.5	68	1	9.7	0.2	212	0.2	0.005
1133822	Soil	Clay	B	40	Subtle Slope	549631	7035038	24.8	321.8	0.3	37.9	15.2	81	1.6	7.7	0.2	189	0.2	0.01
1133823	Soil	Clay	C	50	Pronounced Slope	549602	7035011	21.2	191.3	0.3	33.9	14	70	1.2	5.4	0.2	198	0.1	0.02
1133824	Soil	Clay	B	40	Pronounced Slope	549575	7034982	18	267	0.3	32.1	14	75	1.4	5.4	0.2	144	0.1	0.005
1133825	Soil	Clay	B	50	Subtle Slope	549546	7034952	13.1	78.4	0.4	23.8	12.9	52	0.7	4.9	0.2	206	0.1	0.04
1133826	Soil	Clay	C	50	Subtle Slope	549520	7034926	6.4	206.8	0.5	37	16.7	75	1.8	12.5	0.2	176	0.1	0.02
1133827	Soil	Clay	C	50	Subtle Slope	549491	7034898	6.3	53.6	0.2	27.5	14.5	65	0.8	6.3	0.2	172	0.1	0.03
1133828	Soil	Clay	B	30	Subtle Slope	549463	7034868	3.4	64.2	0.3	25.3	13.3	72	0.9	5.3	0.3	175	0.1	0.02
1133829	Soil	Clay	B	40	Subtle Slope	549436	7034841	3.3	41.3	0.2	19.6	13.2	52	0.5	5.9	0.2	153	0.1	0.01
1133830	Soil	Clay	B	40	Subtle Slope	549407	7034811	5.7	110.2	0.05	37.7	11.7	65	1.2	6.9	0.2	163	0.1	0.02
1133831	Soil	Clay	B	40	Subtle Slope	549379	7034783	3.5	64.4	0.1	19.1	10.7	54	0.9	4.8	0.2	180	0.1	0.02
1133851	Soil	Sand	B	50	Subtle Slope	550161	7035695	18.6	129.1	0.1	28.1	24.1	74	0.7	9.4	0.2	317	0.3	0.01
1133852	Soil	Sand	B	50	Subtle Slope	550136	7035670	32	137.9	0.2	25.2	16.2	64	0.7	6.1	0.2	327	0.2	0.02
1133853	Soil	Sand	B	40	Subtle Slope	550107	7035641	13.6	46.7	0.05	26.8	13.6	71	0.7	5.4	0.2	164	0.1	0.02
1133854	Soil	Sand	C	80	Subtle Slope	550051	7035583	4.3	45.6	0.2	43	17.7	101	0.7	11.1	0.2	687	0.1	0.02
1133855	Soil	Sand	B	50	Subtle Slope	550023	7035555	3.5	56.7	0.2	39.1	20.8	109	0.7	13.6	0.2	507	0.1	0.005
1133856	Soil	Sand	B	50	Pronounced Slope	549967	7035499	6.6	86.9	0.1	31.7	12.7	78	1	7.1	0.2	299	0.1	0.01
1133857	Soil	Sand	B	40	Pronounced Slope	549939	7035469	4.3	98.3	0.1	34.1	14.5	110	0.8	12.5	0.2	487	0.1	0.005
1133858	Soil	Sand	C	70	Subtle Slope	549911	7035441	2.1	32.6	0.1	36.7	9.9	91	0.2	8	0.05	445	0.05	0.005
1133859	Soil	Sand	C	70	Subtle Slope	549884	7035412	6.9	80.5	0.05	23.9	30.7	78	0.6	18.8	0.2	364	0.05	0.005
1133860	Soil	Sand	B	40	Subtle Slope	549855	7035383	17.5	65.9	0.3	28.9	15.4	71	0.7	6.5	0.2	317	0.1	0.03
1133861	Soil	Sand	B	50	Subtle Slope	549827	7035354	4.7	34.7	0.2	16.1	14.6	81	0.7	7	0.2	290	0.1	0.01
1133862	Soil	Sand	B	50	Subtle Slope	549798	7035327	30	172.4	0.05	33.6	28.6	91	0.9	12.2	0.2	240	0.1	0.005
1133863	Soil	Sand	B	50	Subtle Slope	549772	7035297	99.1	247.8	0.2	40.1	24.6	69	0.9	10.4	0.2	248	0.2	0.02
1133864	Soil	Sand	B	50	Subtle Slope	549743	7035268	14.7	138.8	0.2	30	14.1	73	0.7	5.6	0.2	212	0.1	0.02
1133865	Soil	Sand	C	70	Subtle Slope	549715	7035240	17.3	107.4	0.2	28.2	13.9	63	0.6	7.2	0.2	225	0.05	0.02
1133866	Soil	Sand	C	50	Subtle Slope	549687	7035211	13	213.1	0.3	42.8	16.1	86	1.3	10.9	0.2	127	0.1	0.02
1133867	Soil	Sand	C	50	Subtle Slope	549659	7035183	70.9	163.8	0.2	32.2	15.1	70	0.7	8	0.2	140	0.1	0.02
1133868	Soil	Sand	B	40	Subtle Slope	549631	7035154	6.2	96.4	0.5	36.1	12.6	68	0.5	6.3	0.2	200	0.1	0.02
1133869	Soil	Sand	B	60	Subtle Slope	549602	7035124	9.4	123.1	0.2	30	16.9	70	0.9	8.7	0.2	195	0.2	0.02
1133870	Soil	Sand	B	50	Subtle Slope	549575	7035096	9.2	184.1	0.2	28	13.4	60	1.2	4.7	0.2	166	0.1	0.01
1133871	Soil	Sand	B	50	Subtle Slope	549546	7035066	19.3	88.5	0.3	29	10.7	58	0.8	5.8	0.2	180	0.2	0.05
1133872	Soil	Sand	C	50	Subtle Slope	549519	7035039	9.7	80	0.2	31.3	12.3	60	1.1	6.2	0.2	198	0.2	0.04
1133873	Soil	Sand	B	40	Subtle Slope	549490	7035010	9.8	169	0.05	32.4	11.6	64	1.4	5.4	0.2	154	0.1	0.02
1133874	Soil	Sand	B	30	Subtle Slope	549461	7034981	7.4	74.2	0.1	23	11	53	0.9	4.7	0.2	184	0.1	0.03
1133875	Soil	Sand	B	40	Subtle Slope	549433	7034953	2.8	128.3	0.1	28.4	17.8	80	1.8	12.8	0.3	130	0.1	0.005
1133876	Soil	Sand	C	50	Subtle Slope	549407	7034924	10.6	201.3	0.05	38	16.6	71	2.1	13.8	0.2	183	0.1	0.03
1133877	Soil	Sand	C	50	Subtle Slope	549378	7034896	10.2	89.4	0.05	36.6	10.9	62	1	5.6	0.2	262	0.2	0.04
1133879	Soil	Sand	B	40	Subtle Slope	549349	7034867	10	99.7	0.05	37.8	11.2	87	1.1	5.9	0.2	330	0.1	0.01

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Sample #	SampleType	Soil Texture	Soil Horizon	Sample Depth	Terrain	Easting	Northing	Au (ppb) ICPMS	As (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	Th (ppm)	Bi (ppm)	Ba (ppm)	W (ppm)	Hg (ppm)
1133880	Soil	Sand	C	60	Subtle Slope	549322	7034840	5.9	70.3	0.1	50.4	9.4	94	0.7	5.3	0.2	493	0.1	0.02
1137851	Soil	Sand	B	50	Subtle Slope	548807	7035344	4.6	40.9	0.3	32.3	18.7	66	0.8	3	0.3	268	0.1	0.05
1137852	Soil	Sand	B	50	Subtle Slope	548833	7035371	5.4	60.5	0.3	26.5	15.6	59	0.8	1.7	0.3	242	0.1	0.04
1137853	Soil	Sand	B	40	Subtle Slope	548865	7035398	6.1	45.4	0.2	29.7	14	56	0.8	2.1	0.2	258	0.2	0.05
1137854	Soil	Sand	B	40	Subtle Slope	548889	7035426	2.2	36.6	0.2	24	14.6	64	0.8	1.8	0.2	222	0.2	0.04
1137855	Soil	Sand	B	60	Subtle Slope	548918	7035455	2.3	41.8	0.3	30.4	13.8	67	0.7	1.3	0.2	249	0.2	0.05
1137856	Soil	Sand	B	30	Subtle Slope	548946	7035484	2.6	34.6	0.1	21.2	13.4	63	0.6	1.3	0.2	190	0.2	0.04
1137857	Soil	Sand	C	50	Subtle Slope	548975	7035512	1.6	20.8	0.1	21.6	11.8	60	0.5	2.6	0.2	217	0.2	0.04
1137858	Soil	Sand	C	50	Subtle Slope	549002	7035540	3.2	142.8	0.2	44.4	12.8	74	1.5	5.7	0.3	314	0.9	0.03
1137859	Soil	Sand	B	40	Subtle Slope	549029	7035569	9.9	93.9	0.2	35.3	13.2	72	0.8	3.8	0.2	326	0.1	0.06
1137860	Soil	Sand	B	50	Subtle Slope	549059	7035598	22	163	0.5	36.3	28.6	98	1.4	4.3	0.3	285	0.2	0.04
1137861	Soil	Sand	B	40	Subtle Slope	549087	7035627	11.2	190.3	0.5	44.5	19.5	100	1	2	0.6	652	0.1	0.03
1137862	Soil	Sand	B	40	Subtle Slope	549115	7035656	7.7	369.9	0.3	57.9	19.4	148	2	3.4	0.4	547	0.2	0.03
1137863	Soil	Sand	B	70	Subtle Slope	549143	7035685	9.3	291.5	0.4	42.8	14.7	84	1	3.6	0.2	369	0.1	0.04
1137864	Soil	Silt	B	50	Subtle Slope	549171	7035714	18.9	150.5	0.5	48.8	17.6	88	1	4.4	0.3	423	0.2	0.05
1137865	Soil	Sand	B	40	Subtle Slope	549199	7035742	28.7	190.5	0.8	28.2	12.3	71	0.9	1.2	0.3	324	0.2	0.08
1137866	Soil	Sand	B	40	Subtle Slope	549229	7035772	18.2	135.6	0.7	27.2	17.6	61	0.6	1.9	0.4	178	0.1	0.06
1137867	Soil	Sand	B	50	Subtle Slope	549255	7035800	12.8	192.2	0.4	35	18.3	88	0.7	6.2	0.3	257	0.1	0.03
1137868	Soil	Sand	B	40	Subtle Slope	549284	7035828	29	204.8	0.5	27.4	23.9	85	0.8	6.9	0.3	167	0.1	0.04
1137869	Soil	Sand	B	40	Subtle Slope	549310	7035857	33.9	409.2	0.3	40.9	22.1	87	1.1	7.2	0.3	141	0.1	0.02
1137870	Soil	Sand	B	40	Subtle Slope	549338	7035883	75.8	614.7	0.9	33.2	19.5	64	1.2	1.9	0.3	210	0.2	0.05
1137871	Soil	Sand	B	70	Subtle Slope	549367	7035914	42.2	509.3	0.8	39.3	18.8	95	1.1	2.8	0.3	318	0.1	0.04
1137872	Soil	Sand	B	40	Subtle Slope	549396	7035944	41.4	678.1	0.6	40.7	31.8	117	1.4	3.6	0.3	211	0.2	0.03
1137873	Soil	Sand	B	40	Subtle Slope	549425	7035974	32.2	695.6	0.2	32.6	25	100	1.2	2.2	0.3	159	0.2	0.02
1137874	Soil	Sand	B	60	Subtle Slope	549453	7036000	243.9	1969	1.2	55.3	207.2	203	2	4.7	0.3	546	0.2	0.06
1137875	Soil	Sand	B	30	Subtle Slope	549479	7036027	21.8	561.1	0.3	34.2	34.6	103	1.2	5.8	0.2	239	0.2	0.03
1137876	Soil	Sand	B	40	Subtle Slope	549505	7036057	11	193.8	0.2	30.6	17.7	93	0.8	6.7	0.2	352	0.2	0.03
1137877	Soil	Sand	B	40	Subtle Slope	549534	7036084	77.8	537	1.4	47.6	66.2	161	0.8	4.5	0.5	1174	0.2	0.11
1137878	Soil	Sand	B	80	Subtle Slope	549566	7036109	12.2	233.1	0.5	38.3	31.8	141	0.8	6.2	0.3	1023	0.2	0.03
1137879	Soil	Sand	B	50	Subtle Slope	549592	7036139	7.5	163.3	0.3	33.9	54.5	124	1	10	0.3	681	0.1	0.03
1137881	Soil	Sand	B	40	Subtle Slope	549622	7036171	8.8	57.8	0.05	21.1	21.2	74	0.5	9	0.2	161	0.1	0.02
1137882	Soil	Sand	B	40	Subtle Slope	549646	7036199	5	227.4	0.05	44.9	23	192	1.4	7.9	0.2	226	0.2	0.03
1140201	Soil	Sand	B	60	Subtle Slope	548712	7036731	35.3	204.6	0.2	18.3	29	70	0.5	3.3	0.1	131	0.2	0.03
1140202	Soil	Silt	B	40	Subtle Slope	548683	7036703	27.3	178.8	0.2	17	30.7	72	0.5	1.9	0.1	146	0.2	0.04
1140203	Soil	Silt	B	80	Subtle Slope	548655	7036674	16	137.2	0.1	15.3	22.9	52	0.3	2	0.2	117	0.1	0.06
1140204	Soil	Silt	A	50	Subtle Slope	548627	7036646	17.1	103.5	0.2	15.5	19.8	47	0.4	2.7	0.1	122	0.1	0.04
1140205	Soil	Sand	B	30	Subtle Slope	548598	7036616	28	186.3	0.3	23.9	31.4	97	0.5	11.6	0.2	164	0.1	0.03
1140206	Soil	Silt	A	70	Subtle Slope	548542	7036560	34.6	125.7	0.8	32.6	44.8	84	0.4	2	0.1	284	0.1	0.08
1140207	Soil	Sand	B	50	Subtle Slope	548515	7036531	79.1	373.4	0.9	28.8	84.5	123	0.5	3.6	0.2	175	0.1	0.04
1140208	Soil	Sand	B	30	Subtle Slope	548636	7035510	2.6	7.2	0.05	21.9	11.8	54	0.4	9.5	0.1	225	0.05	0.03
1140209	Soil	Sand	B	30	Subtle Slope	548663	7035539	1.8	7.8	0.2	21.9	17.7	53	0.4	7.3	0.2	306	0.05	0.04
1140211	Soil	Sand	B	20	Subtle Slope	548691	7035568	1.3	9.3	0.1	16.9	14.8	56	0.5	3.7	0.2	173	0.1	0.02
1140212	Soil	Sand	B	40	Subtle Slope	548720	7035595	1.7	8.5	0.05	21.8	14.8	60	0.5	12.6	0.2	187	0.05	0.02
1140213	Soil	Sand	B	30	Subtle Slope	548748	7035624	0.7	8	0.05	17.8	11.9	50	0.5	13.9	0.2	147	0.1	0.04
1140214	Soil	Sand	B	40	Subtle Slope	548776	7035654	1	5.4	0.05	8	10.7	29	0.3	4.1	0.2	95	0.1	0.01
1140215	Soil	Sand	B	40	Subtle Slope	548803	7035684	1	9.7	0.05	16.5	10.4	55	0.5	8.1	0.2	142	0.1	0.02
1140216	Soil	Silt	B	30	Subtle Slope	548831	7035711	0.25	1.3	0.05	13.4	8	8	0.05	0.2	0.05	72	0.05	0.04
1140217	Soil	Sand	B	50	Subtle Slope	548860	7035739	1.9	7.2	0.05	12.3	12	56	0.4	6	0.2	106	0.05	0.02
1140218	Soil	Sand	B	20	Subtle Slope	548886	7035768	3.4	3.9	0.05	14.2	12.2	55	0.3	8.6	0.1	105	0.1	0.02
1140219	Soil	Sand	B	30	Subtle Slope	548915	7035798	19.7	7.8	0.2	20	14.8	53	0.4	1.8	0.2	334	0.1	0.04
1140220	Soil	Sand	B	50	Subtle Slope	548944	7035825	3.1	7.1	0.2	23.7	23.7	70	0.5	9.8	0.2	334	0.1	0.05
1140221	Soil	Sand	B	60	Subtle Slope	548972	7035854	4.8	37.6	0.3	25.8	21.4	86	0.8	3.2	0.2	237	0.2	0.05
1140222	Soil	Sand	B	80	Subtle Slope	548999	7035882	4.9	129.6	0.2	32.9	21.1	72	1.2	3.3	0.3	289	0.2	0.04
1140224	Soil	Sand	B	80	Subtle Slope	549027	7035911	8.3	115.9	0.2	22.2	16.3	72	0.9	1.7	0.2	327	0.2	0.04
1140225	Soil	Sand	B	90	Subtle Slope	549056	7035939	8.4	177.8	0.3	24.2	19.6	82	0.6	7.1	0.2	211	0.2	0.03
1140226	Soil	Sand	B	90	Subtle Slope	549056	7035939	8.9	174.2	0.4	24.4	21.2	84	0.7	6.9	0.3	216	0.2	0.03
1140227	Soil	Sand	B	50	Subtle Slope	549084	7035968	9.4	138.8	0.2	19.9	18.1	75	0.7	5.4	0.2	128	0.2	0.03
1140228	Soil	Sand	B	30	Subtle Slope	549111	7035997	11.2	196.6	0.3	19.1	19.7	77	0.6	4.5	0.2	137	0.2	0.05
1140229	Soil	Sand	B	40	Subtle Slope	549139	7036026	11.6	202.6	0.3	18.7	20.4	67	0.5	3.4	0.2	141	0.2	0.04
1140230	Soil	Silt	B	50	Subtle Slope	549168	7036055	11.3	205.6	0.3	20.1	17.5	68	0.6	3.5	0.2	128	0.2	0.04

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Sample #	SampleType	Soil Texture	Soil Horizon	Sample Depth	Terrain	Easting	Northing	Au (ppb) ICPMS	As (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	Th (ppm)	Bi (ppm)	Ba (ppm)	W (ppm)	Hg (ppm)
1140231	Soil	Sand	B	70	Subtle Slope	549195	7036083	50.5	690.4	0.8	37.1	28.8	86	1.3	4.8	0.3	215	0.2	0.05
1140232	Soil	Sand	B	70	Subtle Slope	549220	7036110	28.1	334.4	0.5	24.9	29.6	99	0.8	3.7	0.2	240	0.2	0.05
1140233	Soil	Sand	B	50	Subtle Slope	549249	7036139	59.2	468.1	0.7	31.8	65.8	123	0.8	3.6	0.2	351	0.2	0.05
1140234	Soil	Sand	B	40	Subtle Slope	549277	7036167	24.9	247.9	0.5	28	53.5	115	0.8	6.4	0.2	384	0.2	0.04
1140235	Soil	Sand	B	40	Subtle Slope	549306	7036194	13.7	78.9	0.3	29.4	30.1	109	0.7	8.3	0.2	331	0.2	0.03
1140236	Soil	Sand	B	90	Subtle Slope	549333	7036224	98.5	269.2	0.7	29.3	108.5	164	0.7	5.8	0.2	590	0.2	0.05
1140237	Soil	Sand	B	40	Subtle Slope	549362	7036252	13.4	119.8	0.3	19.8	34.5	98	0.5	6	0.2	372	0.1	0.03
1140238	Soil	Sand	C	50	Subtle Slope	549418	7036309	4.3	58.9	0.2	28.1	26	106	0.4	8.6	0.2	384	0.05	0.03
1140239	Soil	Sand	C	50	Subtle Slope	549390	7036281	11.8	103.1	0.3	23.2	27.1	94	0.5	6.4	0.2	336	0.1	0.02
1140240	Soil	Sand	B	60	Subtle Slope	549446	7036337	5	41.4	0.2	19.9	24.1	74	0.3	6.9	0.2	311	0.1	0.03
1140241	Soil	Sand	B	40	Subtle Slope	549474	7036366	10.3	67.8	0.2	25.4	21.2	94	0.4	7.3	0.2	350	0.1	0.03
1140251	Soil	Sand	B	30	Subtle Slope	548749	7035398	1.4	6.5	0.1	22.9	11.3	56	0.4	6.4	0.2	486	0.1	0.05
1140252	Soil	Sand	B	40	Subtle Slope	548777	7035426	1.3	11.5	0.05	21.4	13.9	44	0.4	5	0.2	460	0.2	0.02
1140253	Soil	Silt	C	40	Subtle Slope	548805	7035455	29.1	8.5	0.2	22.6	12.4	54	0.4	4.8	0.2	266	0.1	0.03
1140254	Soil	Sand	B	30	Subtle Slope	548833	7035483	0.7	7.1	0.2	15.6	12.7	40	0.3	2.4	0.2	222	0.05	0.02
1140255	Soil	Sand	C	50	Subtle Slope	548862	7035512	2.9	9.7	0.1	35.7	15.3	62	0.4	4.8	0.2	422	0.05	0.03
1140256	Soil	Sand	C	30	Subtle Slope	548917	7035569	7.4	49.1	0.3	28.4	19.4	80	0.7	3.2	0.2	226	0.1	0.05
1140257	Soil	Sand	B	50	Subtle Slope	548946	7035597	4.6	21.7	0.3	28.3	18.3	63	0.6	3	0.2	292	0.1	0.06
1140258	Soil	Sand	B	30	Subtle Slope	548975	7035625	2.3	27.3	0.3	23.1	17.9	64	0.5	1.1	0.2	241	0.2	0.06
1140259	Soil	Sand	B	40	Subtle Slope	549000	7035656	11.7	96.4	0.3	31.2	14.1	66	1	1.9	0.2	216	0.2	0.05
1140260	Soil	Silt	A	40	Subtle Slope	549030	7035683	3.3	25.8	0.1	14.1	9.6	53	0.5	0.4	0.1	296	0.1	0.06
1140261	Soil	Silt	B	50	Subtle Slope	549056	7035713	11.8	130.1	0.6	52.1	15.2	82	0.8	2.8	0.2	653	0.1	0.07
1140262	Soil	Sand	B	40	Subtle Slope	549113	7035770	17.2	279.8	0.4	32.1	13.6	80	0.8	5.1	0.2	238	0.2	0.04
1140263	Soil	Sand	B	70	Subtle Slope	549142	7035798	13.5	134	0.4	35	13.7	91	0.8	5.9	0.2	251	0.2	0.04
1140264	Soil	Sand	B	60	Subtle Slope	549169	7035826	12	130.6	0.5	30.3	18.7	79	0.8	4.5	0.3	193	0.1	0.05
1140265	Soil	Sand	B	110	Subtle Slope	549197	7035856	18.9	176.9	0.4	30	22.7	88	0.8	8.1	0.2	173	0.1	0.03
1140266	Soil	Sand	B	40	Subtle Slope	549226	7035884	14.4	141.3	0.3	21.7	19	83	0.7	7.6	0.3	161	0.1	0.02
1140267	Soil	Sand	B	40	Subtle Slope	549254	7035913	21.1	204.9	0.4	30.4	21.6	80	0.8	7.6	0.3	180	0.1	0.03
1140268	Soil	Sand	B	40	Subtle Slope	549282	7035942	60.6	901.7	0.6	47.1	34.4	89	1.9	4.4	0.3	173	0.2	0.03
1140269	Soil	Sand	B	50	Subtle Slope	549311	7035969	45.2	450.9	0.8	34.5	23.2	78	1	1.8	0.3	201	0.1	0.05
1140270	Soil	Sand	B	70	Subtle Slope	549337	7035999	61	404.9	1	29.5	30.8	101	0.8	2.8	0.3	221	0.2	0.05
1140271	Soil	Sand	B	60	Subtle Slope	549364	7036028	117.6	807.9	0.8	38.1	57.2	148	1.1	5	0.2	367	0.3	0.06
1140272	Soil	Sand	B	40	Subtle Slope	549419	7036082	58.5	319.6	0.8	34.6	51.4	132	0.8	5.9	0.3	754	0.2	0.06
1140273	Soil	Sand	B	40	Subtle Slope	549447	7036112	17.5	164.8	0.4	30.3	31.5	110	0.8	7.5	0.2	552	0.2	0.04
1140274	Soil	Sand	B	40	Subtle Slope	549475	7036141	32	113.5	0.6	37.2	39.4	110	0.5	9.4	0.3	586	0.2	0.05
1140275	Soil	Sand	B	50	Subtle Slope	549504	7036168	46.7	200.6	0.6	34.1	26.8	106	0.6	7.2	0.2	836	0.1	0.06
1140276	Soil	Sand	B	30	Subtle Slope	549532	7036197	9.2	109.3	0.05	17.7	26.8	79	0.4	6.4	0.2	198	0.1	0.02
1140277	Soil	Sand	B	40	Subtle Slope	549561	7036224	7.4	49.7	0.05	14.3	23.9	49	0.4	5.5	0.2	153	0.1	0.03
1140278	Soil	Sand	B	30	Subtle Slope	549587	7036254	8.5	49	0.3	19.8	24.3	56	0.4	4.7	0.2	239	0.1	0.03
1140279	Soil	Sand	B	70	Pronounced Slope	550047	7035808	8.5	64.7	0.4	26.2	14.9	80	0.4	3.7	0.2	310	0.1	0.03
1140280	Soil	Sand	B	40	Subtle Slope	550016	7035775	19.9	88.5	0.4	27.8	16.7	70	0.5	3.3	0.2	261	0.1	0.05
1140281	Soil	Sand	B	50	Subtle Slope	549989	7035747	13.7	110.4	0.3	27.5	18	74	0.6	4.2	0.2	334	0.1	0.03
1140282	Soil	Sand	B	40	Subtle Slope	549958	7035720	7.5	58.2	0.3	32	14.1	75	0.5	3.6	0.2	323	0.1	0.03
1140283	Soil	Sand	B	50	Subtle Slope	548889	7035539	2.9	12	0.05	27.9	10.2	56	0.4	4.3	0.2	361	0.1	0.04
1140284	Soil	Sand	B	40	Subtle Slope	549930	7035691	28.7	175.1	0.3	34.4	20	92	0.8	5.5	0.2	559	0.1	0.02
1140285	Soil	Sand	B	30	Subtle Slope	549903	7035661	13.8	90.4	0.4	24.3	12.3	50	0.5	0.5	0.2	289	0.05	0.05
1140286	Soil	Silt	B	40	Subtle Slope	549876	7035631	12.6	69.8	0.1	25.8	20.4	71	0.5	4.8	0.2	404	0.1	0.02
1140287	Soil	Silt	B	40	Subtle Slope	549847	7035604	18.3	86.2	0.05	33	22.2	79	0.6	5.3	0.2	502	0.1	0.03
1140288	Soil	Sand	B	40	Subtle Slope	549820	7035574	20.5	97.3	0.2	26.3	21	67	0.6	3.7	0.2	330	0.1	0.03
1140289	Soil	Sand	B	50	Subtle Slope	549791	7035547	27.2	95.3	0.05	30.1	15.6	61	0.5	4.4	0.2	369	0.1	0.02
1140290	Soil	Sand	C	20	Subtle Slope	549763	7035519	0.8	38.5	0.2	13.5	13.9	33	0.3	0.7	0.1	95	0.05	0.03
1140291	Soil	Sand	C	30	Subtle Slope	549734	7035489	4.6	219.1	0.2	16.2	19.6	51	0.5	1.4	0.2	140	0.1	0.02
1140292	Soil	Sand	B	30	Subtle Slope	549706	7035461	14.6	170.9	0.5	25.8	18	49	0.5	1.8	0.2	238	0.1	0.05
1140293	Soil	Sand	B	40	Subtle Slope	549679	7035431	25.8	211	0.1	28.4	17.7	57	0.6	3.9	0.3	193	0.1	0.03
1140294	Soil	Sand	B	30	Subtle Slope	549651	7035404	13.5	171.1	0.3	29.9	16.1	68	0.6	5.5	0.2	197	0.05	0.05
1140295	Soil	Silt	B	40	Subtle Slope	549622	7035375	10.5	80.5	0.2	37.8	14	61	0.6	6.4	0.2	247	0.1	0.06
1140296	Soil	Sand	B	30	Subtle Slope	549594	7035347	16.3	138.2	0.3	25.1	15.2	64	0.6	5	0.2	165	0.2	0.04
1140297	Soil	Sand	B	30	Subtle Slope	549568	7035316	4	138.2	0.1	29	16.4	72	0.6	5.5	0.2	159	0.1	0.02
1140298	Soil	Sand	B	30	Subtle Slope	549539	7035289	6.2	85.2	0.4	29.7	11.6	42	0.4	1	0.2	167	0.05	0.03
1140299	Soil	Sand	B	30	Subtle Slope	549511	7035261	5.1	126.1	0.2	39	18.2	74	0.8	8.7	0.2	164	0.5	0.01

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Sample #	SampleType	Soil Texture	Soil Horizon	Sample Depth	Terrain	Easting	Northing	Au (ppb) ICPMS	As (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	Th (ppm)	Bi (ppm)	Ba (ppm)	W (ppm)	Hg (ppm)
1140401	Soil	Sand	C	50	Pronounced Slope	548590	7036835	2.9	46.9	0.4	25	18.8	52	0.7	3	0.2	278	0.2	0.02
1140402	Soil	Sand	C	50	Pronounced Slope	548619	7036864	1.5	101	0.1	44.3	28.9	86	1.2	4.4	0.2	496	0.2	0.005
1140403	Soil	Sand	C	50	Pronounced Slope	548647	7036892	2.6	48.2	0.3	27.8	23.3	80	0.7	3.8	0.2	527	0.1	0.03
1140404	Soil	Silt	B	70	Pronounced Slope	548675	7036922	9.7	59.9	0.5	39.1	16.6	89	0.6	5.1	0.2	1073	0.2	0.03
1140405	Soil	Silt	C	50	Subtle Slope	548702	7036950	5.5	95.7	0.6	44.6	34.2	151	0.9	6.3	0.2	3735	0.2	0.03
1140406	Soil	Sand	C	50	Subtle Slope	548730	7036978	3.7	35.8	0.7	30.9	25.2	85	0.5	3.7	0.2	768	0.2	0.03
1140407	Soil	Silt	C	50	Subtle Slope	548758	7037007	8.3	57.3	0.7	25.5	27.3	86	0.5	4.2	0.2	408	0.1	0.02
1140408	Soil	Sand	C	50	Pronounced Slope	548785	7037036	4.2	60.2	0.3	36.3	57.6	108	0.6	4.5	0.2	298	0.2	0.02
1140409	Soil	Sand	C	30	Subtle Slope	548519	7035621	1.9	4.9	0.05	17.2	19.1	42	0.3	5.7	0.4	102	0.1	0.02
1140410	Soil	Sand	C	40	Subtle Slope	548546	7035648	1.6	8.4	0.05	19.7	13.2	58	0.5	9.6	0.1	166	0.1	0.02
1140411	Soil	Sand	C	30	Subtle Slope	548574	7035676	2.1	8	0.05	18.6	14.1	53	0.4	10.1	0.2	193	0.1	0.03
1140412	Soil	Silt	B	40	Subtle Slope	548602	7035703	3.9	9.5	0.1	15.1	13.5	64	0.6	3.6	0.2	167	0.1	0.02
1140413	Soil	Sand	C	40	Subtle Slope	548632	7035731	1.8	9.1	0.1	17	10.6	47	0.5	3.3	0.1	140	0.1	0.06
1140414	Soil	Sand	C	40	Subtle Slope	548658	7035760	0.8	9.3	0.05	14.6	15.2	54	0.5	5.3	0.2	122	0.1	0.02
1140415	Soil	Sand	C	40	Subtle Slope	548688	7035789	1.9	5.4	0.05	15.1	11.4	41	0.3	2.2	0.1	82	0.05	0.03
1140416	Soil	Silt	B	40	Subtle Slope	548716	7035817	2.8	4.2	0.1	22.2	14.3	22	0.3	1.1	0.2	131	0.05	0.03
1140417	Soil	Silt	B	50	Pronounced Slope	548742	7035847	2.1	8.1	0.05	13.7	11.8	53	0.4	3.9	0.2	167	0.1	0.01
1140418	Soil	Sand	C	40	Pronounced Slope	548772	7035875	6.7	4.7	0.05	19.5	10.2	64	0.4	10.9	0.2	119	0.2	0.02
1140419	Soil	Sand	C	60	Pronounced Slope	548801	7035903	4.1	5.9	0.2	22.5	13.3	67	0.3	11.8	0.2	234	0.2	0.05
1140420	Soil	Sand	C	70	Pronounced Slope	548827	7035931	4.7	5.4	0.2	19.3	13.8	61	0.3	7.7	0.1	251	0.2	0.04
1140421	Soil	Sand	C	80	Pronounced Slope	548855	7035961	11.4	6.7	0.2	19.9	15.2	63	0.4	9.1	0.2	313	0.2	0.04
1140422	Soil	Sand	C	60	Pronounced Slope	548884	7035989	5.2	9.9	0.2	18.6	20.9	72	0.4	6.7	0.2	405	0.2	0.05
1140423	Soil	Sand	C	70	Pronounced Slope	548913	7036017	38.2	36.6	0.7	36.7	42.9	110	0.9	5.9	0.2	498	0.1	0.07
1140424	Soil	Sand	C	50	Pronounced Slope	548941	7036046	266.1	939.5	1.8	96	187.9	304	1.1	7.4	0.2	282	0.2	0.04
1140425	Soil	Sand	C	40	Pronounced Slope	548969	7036075	49.4	286.9	1.4	33.1	111.4	105	0.7	4.2	0.2	137	0.2	0.03
1140426	Soil	Silt	B	60	Pronounced Slope	548997	7036103	34.7	288.4	1.7	55	79.1	115	0.5	2.6	0.2	382	0.1	0.08
1140427	Soil	Silt	B	70	Pronounced Slope	549026	7036131	27.8	160.8	0.7	32	42.9	103	0.5	5.6	0.2	233	0.2	0.04
1140428	Soil	Sand	C	70	Pronounced Slope	549054	7036160	19.5	143.3	0.8	43.1	34.5	111	0.6	4.8	0.2	260	0.2	0.03
1140429	Soil	Silt	B	70	Pronounced Slope	549080	7036190	15.4	107.2	0.5	28.6	40.8	93	0.5	7.1	0.2	257	0.1	0.04
1140430	Soil	Sand	C	80	Pronounced Slope	549109	7036218	36	458.2	0.6	28.9	46	100	0.9	3.2	0.2	192	0.2	0.04
1140432	Soil	Silt	B	70	Pronounced Slope	549137	7036247	57.8	477.7	0.8	30	62.3	108	0.8	3.9	0.2	269	0.3	0.04
1140433	Soil	Sand	C	80	Pronounced Slope	549165	7036275	20.2	172.8	0.4	28.4	36.2	109	0.7	7.9	0.2	335	0.2	0.03
1140434	Soil	Silt	B	70	Pronounced Slope	549192	7036304	19.7	134.8	0.4	29.4	33.9	116	0.5	7.5	0.2	343	0.2	0.04
1140435	Soil	Sand	C	80	Pronounced Slope	549221	7036332	16.3	195.2	0.4	49.9	40.1	100	0.6	6	0.2	470	0.2	0.05
1140436	Soil	Sand	C	90	Pronounced Slope	549247	7036363	9.1	86.7	0.5	25.8	31.9	89	0.4	5.3	0.2	367	0.1	0.04
1140437	Soil	Sand	C	70	Pronounced Slope	549276	7036391	11.5	68	0.3	24.5	26	90	0.4	6.9	0.2	359	0.2	0.04
1140438	Soil	Sand	C	80	Pronounced Slope	549304	7036418	11.3	59.9	0.3	22.9	20.4	83	0.4	5.7	0.2	285	0.2	0.05
1140439	Soil	Sand	C	80	Pronounced Slope	549331	7036449	10.6	68.6	0.4	25.9	25.1	93	0.5	6.4	0.2	280	0.2	0.03
1140440	Soil	Sand	C	80	Pronounced Slope	549360	7036479	7.1	56.5	0.3	21.6	23.8	81	0.4	6.1	0.2	269	0.2	0.04
1140441	Soil	Silt	B	70	Pronounced Slope	548920	7035231	8.3	70.5	0.2	25.1	11.9	73	0.8	1.7	0.2	284	0.3	0.05
1140442	Soil	Silt	B	70	Pronounced Slope	548945	7035258	19.2	109	0.2	31.5	12	64	0.9	2.1	0.2	312	0.3	0.05
1140443	Soil	Sand	C	50	Pronounced Slope	548972	7035286	42.9	273.9	0.3	34.6	13.6	79	1.4	4.2	0.2	718	0.6	0.04
1140444	Soil	Sand	C	30	Pronounced Slope	549001	7035316	56.6	540.5	0.2	38.2	15.3	104	2.3	5.7	0.3	369	1.1	0.02
1140445	Soil	Silt	B	50	Pronounced Slope	549031	7035343	17.3	101	0.1	24.5	10.5	60	0.7	5.3	0.2	260	0.1	0.03
1140446	Soil	Silt	B	60	Pronounced Slope	549057	7035371	33.8	134.5	0.2	27	12.7	68	0.7	5	0.2	313	0.2	0.03
1140447	Soil	Sand	C	40	Pronounced Slope	549086	7035400	18	137.7	0.1	25.6	11.8	72	0.8	4.1	0.2	256	0.2	0.02
1140448	Soil	Sand	C	50	Pronounced Slope	549114	7035430	21.6	193.5	0.1	51.7	15.8	118	1.6	4.7	0.2	926	0.2	0.03
1140449	Soil	Sand	C	50	Pronounced Slope	549143	7035457	24.7	225.4	0.5	23.8	15.5	80	0.6	1.6	0.3	247	0.2	0.02
1140451	Soil	Sand	C	30	Pronounced Slope	548532	7037005	3.1	42.4	0.5	17.8	61.5	54	0.7	1.8	0.2	253	0.1	0.02
1140452	Soil	Silt	C	40	Pronounced Slope	548504	7036976	9.2	72.2	0.2	33.4	17	69	0.6	2.3	0.2	250	0.1	0.03
1140453	Soil	Sand	C	50	Subtle Slope	548476	7036947	5.3	74.5	0.2	31.5	15.8	75	0.9	5.1	0.1	1077	0.1	0.02
1140454	Soil	Sand	C	40	Pronounced Slope	548448	7036918	1.3	40	0.4	19.4	12	56	0.6	3.7	0.2	843	0.1	0.01
1140455	Soil	Silt	B	40	Pronounced Slope	548420	7036890	2.4	42	0.6	14.2	12.3	38	0.5	2.3	0.1	249	0.1	0.02
1140456	Soil	Sand	C	50	Pronounced Slope	548392	7036862	11.3	77.1	0.3	41	12.9	113	1	6.2	0.1	383	0.2	0.03
1140457	Soil	Silt	B	70	Pronounced Slope	548363	7036833												
1140458	Soil	Silt	B	60	Subtle Slope	548336	7036804	11.2	88.7	0.3	36.2	78.3	186	0.7	2	0.2	296	0.1	0.04
1140459	Soil	Silt	B	60	Subtle Slope	548310	7036773	10.4	94.3	0.4	37.6	98.7	391	0.7	1.7	0.2	245	0.2	0.04
1140460	Soil	Silt	A	60	Flat	548281	7036747	10.6	31.7	0.2	25.2	17.5	65	0.5	2.3	0.2	449	0.1	0.05
1140461	Soil	Silt	A	70	Flat	548253	7036716	7.9	36.8	0.2	19.9	13	85	0.3	3.4	0.1	256	0.2	0.04
1140462	Soil	Silt	B	80	Flat	548226	7036689	10.3	27.5	0.2	22.1	24.3	99	0.4	3.4	0.2	297	0.1	0.06

Sample #	SampleType	Soil Texture	Soil Horizon	Sample Depth	Terrain	Easting	Northing	Au (ppb) ICPMS	As (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	Th (ppm)	Bi (ppm)	Ba (ppm)	W (ppm)	Hg (ppm)
1140463	Soil	Silt	B	90	Subtle Slope	548199	7036660	20.2	159.7	0.4	29.5	38.9	114	0.5	3.1	0.2	194	0.1	0.05
1140464	Soil	Silt	B	70	Subtle Slope	548170	7036632	53.4	426.4	0.8	34.5	140	269	0.6	2.7	0.3	206	0.2	0.06
1140465	Soil	Silt	B	80	Subtle Slope	548143	7036603	40.4	146.7	0.8	36.7	163.4	275	0.6	2.3	0.2	169	0.2	0.06
1140466	Soil	Silt	A	80	Subtle Slope	548115	7036575	9.2	34.9	0.2	21.6	16.1	84	0.4	3.2	0.2	290	0.1	0.06
1140467	Soil	Silt	B	50	Subtle Slope	548086	7036547	9.3	89.1	0.3	21.6	15.2	79	0.5	4.6	0.2	569	0.2	0.08
1140468	Soil	Silt	B	50	Subtle Slope	548057	7036517	5.6	5.6	0.05	15.6	9.9	51	0.4	4.4	0.1	201	0.1	0.02
1140469	Soil	Silt	B	60	Subtle Slope	548028	7036489	2.8	5.7	0.05	18	10.2	58	0.3	3.6	0.2	279	0.2	0.04
1140470	Soil	Silt	B	80	Pronounced Slope	548001	7036460	1.5	5.3	0.05	16.8	11	64	0.4	4.6	0.2	263	0.2	0.03
1140471	Soil	Silt	B	60	Subtle Slope	547973	7036434	3.1	5.4	0.2	19.8	13.5	63	0.5	4.6	0.2	277	0.1	0.04
1140472	Soil	Silt	B	80	Pronounced Slope	547945	7036405	1.5	4.9	0.1	18.4	10.5	66	0.4	4.6	0.3	235	0.1	0.03
1140473	Soil	Silt	B	60	Pronounced Slope	547917	7036375	4.6	4.7	0.05	21.4	9.6	65	0.4	7	0.3	218	0.1	0.03
1140474	Soil	Sand	C	50	Pronounced Slope	547888	7036347	2.7	3.4	0.05	17.6	9.6	52	0.3	4	0.3	174	0.1	0.01
1140475	Soil	Silt	C	50	Pronounced Slope	547861	7036318	1.2	4.2	0.05	18.2	10.5	64	0.4	7.3	0.2	188	0.1	0.03
1140476	Soil	Silt	B	50	Pronounced Slope	547831	7036290	4	4.2	0.05	17.8	10.7	63	0.4	5.6	0.1	151	0.1	0.03
1140477	Soil	Sand	C	50	Subtle Slope	547947	7036178	4.8	13.1	0.2	18.9	11	58	0.4	4.7	0.2	249	0.2	0.04
1140478	Soil	Sand	C	50	Pronounced Slope	547974	7036206	0.9	4	0.05	12.9	8.8	41	0.5	6.3	0.2	106	0.2	0.005
1140479	Soil	Sand	C	90	Pronounced Slope	548002	7036234	2.3	7	0.1	15.5	10.4	51	0.3	4.1	0.1	230	0.2	0.04
1140481	Soil	Silt	B	80	Subtle Slope	548030	7036262	4.5	6.3	0.2	18.8	9.5	65	0.3	2.6	0.2	303	0.2	0.05
1140482	Soil	Silt	B	70	Subtle Slope	548058	7036290	6.6	64.3	0.2	24	20	81	0.5	4.5	0.2	444	0.1	0.03
1140483	Soil	Silt	B	70	Subtle Slope	548087	7036320	9.3	70.4	0.2	23.9	15.3	70	0.4	3.2	0.2	276	0.1	0.04
1140484	Soil	Sand	C	60	Subtle Slope	548114	7036349	13.7	132.2	0.2	25.7	18.5	81	0.6	4.6	0.2	221	0.4	0.03
1140485	Soil	Silt	B	80	Pronounced Slope	548141	7036377	29.3	139.8	0.3	29.9	31.6	116	0.6	4	0.2	281	0.1	0.03
1140486	Soil	Sand	C	70	Pronounced Slope	548170	7036405	21.4	151.8	0.3	23.4	34.9	119	0.6	4.8	0.1	484	0.2	0.02
1140487	Soil	Sand	C	60	Pronounced Slope	548199	7036435	37.3	203.7	0.6	31.5	59.7	180	0.7	3.8	0.2	310	0.2	0.04
1140488	Soil	Silt	B	70	Pronounced Slope	548227	7036463	57.2	247.8	1.5	43.3	171	412	0.9	2.2	0.2	267	0.1	0.06
1140489	Soil	Sand	C	50	Pronounced Slope	548255	7036490	86.5	522.7	2.7	49.5	629.2	1164	1.6	4.4	0.5	219	0.1	0.05
1140490	Soil	Silt	B	40	Pronounced Slope	548282	7036518	63.7	489.5	1.2	36.2	238.1	488	0.8	3.9	0.3	213	0.4	0.06
1140491	Soil	Silt	B	50	Pronounced Slope	548311	7036549	95.9	492	1	32.2	75.3	137	0.7	2.5	0.3	276	0.1	0.06
1140492	Soil	Sand	C	60	Pronounced Slope	548339	7036576	88.7	836.9	0.7	41.1	41.3	110	0.8	4.3	0.2	163	0.1	0.03
1140493	Soil	Sand	C	40	Pronounced Slope	548368	7036606	11.3	184.7	0.2	49.7	22.3	98	0.6	3	0.3	155	0.05	0.04
1140494	Soil	Silt	B	60	Pronounced Slope	548423	7036662	40.5	173.2	0.6	25.3	54.6	106	0.7	5.9	0.3	168	0.1	0.05
1140495	Soil	Sand	C	50	Pronounced Slope	548452	7036692	27.8	208	0.7	33.4	44.8	125	0.8	4.2	0.3	254	0.1	0.02
1140496	Soil	Silt	B	60	Flat	548480	7036719	19	55.1	0.4	28.7	11.2	45	0.5	0.4	0.05	436	0.05	0.1
1140497	Soil	Silt	B	60	Flat	548508	7036749	3.7	28.7	0.1	33.8	12.6	81	0.8	3.6	0.1	299	0.2	0.02
1140498	Soil	Silt	B	80	Subtle Slope	548535	7036776	9.3	60.6	0.6	54.6	17.8	90	0.9	4.3	0.2	1011	0.2	0.04
1140499	Soil	Sand	C	70	Subtle Slope	548562	7036806	4.3	71.3	0.6	54	17.9	98	0.9	5.1	0.2	442	0.1	0.02
1203827	Soil	Clay	C	50	Pronounced Slope	547870	7037930	3.5	19.8	0.2	14.3	41.3	70	0.4	9.4	0.4	231	0.1	0.04
1203828	Soil	Clay	C	90	Pronounced Slope	547843	7037902	5.7	17.3	0.3	19.4	43.5	68	0.4	9.8	0.4	310	0.1	0.04
1203829	Soil	Clay	C	50	Pronounced Slope	547807	7037866	4	28.7	0.2	14.3	38.8	69	0.3	3.7	0.3	193	0.1	0.06
1203830	Soil	Clay	C	60	Pronounced Slope	547778	7037837	2.4	18.1	0.2	15.8	59.5	75	0.3	4.9	0.2	231	0.1	0.03
1203831	Soil	Clay	B	40	Pronounced Slope	547751	7037809	3.4	41.8	0.2	11.8	18.8	58	0.3	1.5	0.1	159	0.2	0.03
1203832	Soil	Clay	B	40	Pronounced Slope	547722	7037780	2.8	34.3	0.1	10	11.1	43	0.3	1.4	0.1	107	0.1	0.04
1203833	Soil	Clay	B	40	Pronounced Slope	547694	7037751	4.7	50.3	0.2	13.4	16	47	0.3	2.2	0.2	138	0.2	0.04
1203834	Soil	Clay	B	40	Pronounced Slope	547666	7037723	7.9	90.9	0.1	17	18	74	0.5	5.2	0.2	150	0.2	0.02
1203835	Soil	Clay	B	40	Pronounced Slope	547639	7037693	7.6	64.7	0.2	15.4	20.5	62	0.5	3.2	0.2	193	0.1	0.04
1203836	Soil	Clay	B	40	Pronounced Slope	547611	7037665	13.8	196.3	0.4	25.1	32.1	76	0.9	4.2	0.2	298	0.1	0.04
1203837	Soil	Clay	B	50	Pronounced Slope	547584	7037635	14.1	152.9	0.5	28	17.2	62	0.7	2.2	0.2	207	0.1	0.04
1203838	Soil	Clay	B	50	Pronounced Slope	547555	7037608	15.9	173.3	0.4	35.2	21.4	74	1	4.8	0.3	209	0.2	0.05
1203839	Soil	Clay	B	40	Pronounced Slope	547527	7037579	6.5	58	0.2	19.1	14.6	58	0.4	2.3	0.2	147	0.1	0.03
1203840	Soil	Clay	B	40	Pronounced Slope	547498	7037551	13.3	72.4	0.2	21	19.7	71	0.6	3.1	0.3	170	0.1	0.03
1203841	Soil	Clay	B	40	Pronounced Slope	547471	7037522	9.9	88.2	0.2	22.8	16.3	70	0.6	2.5	0.2	191	0.2	0.04
1203842	Soil	Clay	B	60	Pronounced Slope	547443	7037494	11.1	123.8	0.2	29.6	13.3	68	0.6	3.5	0.2	256	0.1	0.04
1203843	Soil	Clay	B	80	Pronounced Slope	547415	7037465	45.1	268.6	0.3	34.5	35.7	135	0.7	4.1	0.2	190	0.2	0.03
1203844	Soil	Clay	B	60	Pronounced Slope	547386	7037436	6.9	65.8	0.1	25.1	12.5	63	0.5	3.4	0.2	182	0.2	0.03
1203845	Soil	Clay	B	50	Pronounced Slope	547358	7037407	3.6	14.5	0.1	32.2	14	58	0.5	1.4	0.2	151	0.2	0.04
1203846	Soil	Clay	B	60	Pronounced Slope	547331	7037379	8.3	8.9	0.1	35.4	12.9	148	0.3	1.6	0.2	178	0.1	0.04
1203847	Soil	Clay	C	40	Pronounced Slope	547303	7037351	1.7	5.5	0.05	16.5	9.9	85	0.3	1.9	0.2	257	0.1	0.02
1203848	Soil	Clay	B	40	Pronounced Slope	547275	7037321	2.1	5.7	0.05	15.4	9.7	85	0.3	2.7	0.1	312	0.1	0.02
1203849	Soil	Clay	B	50	Pronounced Slope	547249	7037293	1.9	4.2	0.05	19	10.4	101	0.3	3.7	0.1	310	0.1	0.02
1203850	Soil	Clay	B	40	Pronounced Slope	547219	7037266	1.4	4.5	0.05	9.7	10	53	0.2	2.3	0.1	186	0.1	0.02

Sample #	SampleType	Soil Texture	Soil Horizon	Sample Depth	Terrain	Easting	Northing	Au (ppb) ICPMS	As (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	Th (ppm)	Bi (ppm)	Ba (ppm)	W (ppm)	Hg (ppm)
1210641	Soil	Sand	C	70	Subtle Slope	548191	7037225	3.2	6.3	0.05	18	13.2	57	0.3	6.8	0.1	254	0.05	0.02
1210642	Soil	Sand	C	80	Subtle Slope	548219	7037254	1.6	4.8	0.05	17.1	15.1	68	0.3	8	0.3	253	0.1	0.02
1210643	Soil	Sand	C	50	Subtle Slope	548245	7037283	1.9	4.3	0.05	14.2	10.8	60	0.3	5.7	0.1	295	0.1	0.01
1210644	Soil	Sand	C	80	Subtle Slope	548273	7037313	1.1	6.7	0.05	41.5	33.3	62	0.5	5.9	0.4	758	0.3	0.03
1210645	Soil	Sand	B	40	Subtle Slope	548303	7037341	1.5	6.6	0.2	22.5	14.5	44	0.3	2	0.2	670	0.1	0.03
1210646	Soil	Sand	B	40	Subtle Slope	548330	7037369	2	10.3	0.1	23.9	20.3	54	0.5	3	0.3	281	0.1	0.03
1210647	Soil	Sand	B	40	Subtle Slope	548358	7037398	4.5	9.9	0.05	21.4	11.5	57	0.4	1.7	0.2	250	0.1	0.04
1210648	Soil	Sand	C	50	Subtle Slope	548385	7037427	5.2	10.2	0.1	25.2	12.1	52	0.4	1.9	0.2	295	0.1	0.05
1213555	Soil	Sand	C	60	Subtle Slope	547915	7036603	11.5	4.8	0.05	13.4	9.6	68	0.3	5.3	0.2	179	0.1	0.005
1213556	Soil	Sand	B	30	Subtle Slope	547943	7036631	8.2	9.2	0.3	19.3	15.2	76	0.4	6.9	0.2	271	0.1	0.04
1213557	Soil	Sand	B	70	Subtle Slope	547970	7036660	13.1	12.2	0.1	22.9	15.7	87	0.5	5.5	0.2	247	0.2	0.03
1213558	Soil	Silt	B	50	Subtle Slope	547998	7036688	19.7	51.7	0.6	24.3	21.1	62	0.5	2.3	0.2	315	0.2	0.05
1213559	Soil	Sand	C	70	Subtle Slope	548027	7036717	13.8	34.9	0.1	28.9	16.6	68	0.5	7.1	0.2	215	0.1	0.005
1213561	Soil	Sand	C	80	Pronounced Slope	548054	7036746	10.5	46.1	0.2	31.3	21.7	70	0.6	5.8	0.2	269	0.1	0.03
1213562	Soil	Sand	B	40	Subtle Slope	548082	7036774	20.1	43.6	0.2	24.7	19.6	57	0.5	4.4	0.2	270	0.2	0.02
1213563	Soil	Sand	B	50	Subtle Slope	548110	7036802	9.2	33.5	0.1	20.6	17.3	57	0.5	4.7	0.2	250	0.1	0.01
1213564	Soil	Sand	C	50	Subtle Slope	548139	7036831	11.8	29.8	0.05	25.9	14.7	68	0.6	7.4	0.1	465	0.1	0.02
1213565	Soil	Sand	C	40	Subtle Slope	548165	7036858	18.2	26.5	0.05	23.4	15.9	66	0.5	8.5	0.2	303	0.05	0.01
1213566	Soil	Silt	B	50	Subtle Slope	548193	7036887	4.9	6.5	0.05	20.3	10.1	49	0.5	0.8	0.2	171	0.2	0.04
1213567	Soil	Silt	B	70	Pronounced Slope	548221	7036916	4.8	8.3	0.1	27.6	11.4	50	0.6	1.6	0.2	296	0.1	0.04
1213568	Soil	Silt	B	50	Subtle Slope	548249	7036944	14.9	10.2	0.1	31.1	17.2	58	0.6	2.2	0.2	279	0.1	0.03
1213569	Soil	Silt	B	70	Subtle Slope	548277	7036973	4.9	10.7	0.1	26.1	11.5	48	0.7	1.1	0.2	256	0.1	0.04
1213570	Soil	Sand	C	80	Subtle Slope	548306	7037002	10.1	41.4	0.2	45	13.8	55	0.7	2.8	0.2	254	0.2	0.03
1213571	Soil	Sand	C	70	Pronounced Slope	548333	7037030	17.6	88.5	0.2	39	26.5	119	0.7	7.4	0.4	250	0.2	0.01
1213572	Soil	Sand	C	40	Subtle Slope	548361	7037058	18.4	101.9	0.2	28.6	44.7	89	0.6	4.9	0.2	274	0.1	0.02
1213573	Soil	Sand	C	60	Subtle Slope	548390	7037087	15.3	131.3	0.3	35.4	15	71	1.2	10.5	0.2	198	0.1	0.005
1213574	Soil	Sand	C	40	Subtle Slope	548418	7037116	10.3	175	0.3	38.8	15	68	0.6	3.9	0.2	199	0.1	0.02
1213575	Soil	Sand	C	40	Subtle Slope	548448	7037145	38.1	85	0.8	24.1	19.1	62	0.7	2.8	0.2	205	0.1	0.03
1213576	Soil	Sand	C	40	Subtle Slope	548474	7037174	9	212.2	0.6	26.1	14.5	66	0.9	5	0.2	182	0.1	0.03
1211972	Soil	Sand	C	90	Subtle Slope	547088	7037016	1.5	4.9	0.1	23.4	12.8	79	0.3	5.8	0.2	385	0.1	0.02
1211973	Soil	Sand	B	60	Subtle Slope	547110	7037045	0.5	4.2	0.2	24.1	10.9	77	0.5	4.6	0.2	441	0.1	0.04
1211974	Soil	Sand	C	50	Subtle Slope	547143	7037074	1.5	2.7	0.1	17.2	9.4	65	0.4	6.1	0.2	272	0.2	0.02
1211975	Soil	Silt	B	100	Subtle Slope	547171	7037102	2.3	3.7	0.05	16.2	10.6	76	0.3	5.5	0.2	350	0.1	0.03
1211976	Soil	Sand	B	90	Subtle Slope	547200	7037131	0.25	7.1	0.05	15.6	11.1	68	0.4	4.8	0.2	332	0.2	0.03
1211977	Soil	Silt	B	80	Subtle Slope	547228	7037159	1	5.1	0.05	16.1	11.7	75	0.6	4.7	0.2	325	0.2	0.03
1211978	Soil	Sand	B	60	Pronounced Slope	547256	7037188	0.25	4.1	0.05	8.3	8.8	63	0.2	3	0.1	266	0.1	0.02
1211979	Soil	Sand	B	60	Subtle Slope	547283	7037217	0.25	3	0.05	24.1	11.1	145	0.2	3.8	0.2	321	0.1	0.01
1211980	Soil	Silt	B	70	Subtle Slope	547312	7037245	1.5	5.1	0.05	19.8	10.1	93	0.5	2.4	0.1	482	0.2	0.04
1213501	Soil	Clay	B	60	Pronounced Slope	548359	7037172	2.8	34.2	0.2	32.9	13.6	59	0.6	1.9	0.2	304	0.2	0.04
1213502	Soil	Clay	C	50	Pronounced Slope	548388	7037201	37.6	396.4	0.6	46.3	77.7	331	3.7	10.4	0.3	220	0.1	0.03
1213503	Soil	Clay	C	50	Pronounced Slope	548415	7037230	22.3	39.7	0.9	31.3	21.4	87	0.6	5.2	0.3	315	0.1	0.04
1213504	Soil	Clay	C	40	Pronounced Slope	548443	7037258	21.3	527.4	0.4	48	14.5	83	4.5	10.9	0.3	386	0.2	0.02
1213505	Soil	Sand	C	40	Subtle Slope	548472	7037286	10.5	87.1	0.3	35.5	15.4	71	1.7	7.1	0.2	256	0.1	0.01
1213506	Soil	Clay	C	40	Subtle Slope	548499	7037315	3.2	30.4	0.4	35	11.2	63	0.9	5.2	0.2	227	0.2	0.04
1213507	Soil	Clay	B	60	Pronounced Slope	547631	7036543	1.5	5.7	0.1	19	18.6	82	0.4	4.6	0.2	247	0.2	0.03
1213508	Soil	Clay	C	80	Pronounced Slope	548004	7036122	2.7	5.3	0.05	17	22.5	68	0.3	6.4	0.2	197	0.2	0.005
1213510	Soil	Clay	C	60	Pronounced Slope	548032	7036152	3.6	3.1	0.05	11.9	13.1	57	0.2	6.6	0.1	218	0.1	0.005
1213511	Soil	Clay	B	50	Pronounced Slope	548060	7036180	6.6	50.4	0.2	20.8	13.2	64	0.4	2	0.2	372	0.1	0.03
1213512	Soil	Clay	C	80	Pronounced Slope	548089	7036209	4.4	43.8	0.1	17.4	12.7	92	0.3	4.4	0.1	343	0.2	0.02
1213513	Soil	Clay	B	60	Pronounced Slope	547604	7036513	2.1	7.3	0.1	19.4	11.4	75	0.4	5.4	0.2	186	0.2	0.02
1213514	Soil	Clay	B	60	Pronounced Slope	548117	7036237	7.3	58.2	0.2	18.2	16.9	78	0.4	1.6	0.2	345	0.1	0.03
1213515	Soil	Clay	B	70	Pronounced Slope	548144	7036267	6.3	46.9	0.1	16.9	19.4	66	0.4	3.3	0.2	241	0.2	0.03
1213516	Soil	Clay	C	90	Pronounced Slope	548172	7036294	6.1	78.7	0.1	20	15.6	63	0.5	2.3	0.3	186	0.2	0.03
1213517	Soil	Clay	C	60	Pronounced Slope	548200	7036324	12.6	146.3	0.2	26.1	26.3	91	0.6	4.7	0.2	189	0.2	0.02
1213518	Soil	Clay	C	70	Pronounced Slope	548229	7036352	39.4	179.9	0.4	32.6	44.4	188	0.6	4.2	0.2	302	0.2	0.05
1213519	Soil	Clay	C	70	Pronounced Slope	548258	7036381	187.8	488.4	0.9	46	100	474	1	6.5	0.3	298	0.2	0.04
1213520	Soil	Clay	C	70	Pronounced Slope	548285	7036410	101	344	2	55.6	689	1157	0.9	5	0.3	250	0.2	0.07
1213521	Soil	Clay	C	70	Pronounced Slope	548312	7036437	57.7	547.9	0.6	33.6	47.1	117	0.8	5.4	0.2	158	0.1	0.04
1213522	Soil	Clay	B	70	Pronounced Slope	548340	7036467	49.3	412.8	0.6	36.5	48.3	132	0.8	3.9	0.3	178	0.2	0.04
1213523	Soil	Clay	C	60	Pronounced Slope	548369	7036495	36.7	323.1	0.3	37.4	37.8	133	0.6	5.7	0.2	126	0.2	0.02

Sample #	SampleType	Soil Texture	Soil Horizon	Sample Depth	Terrain	Easting	Northing	Au (ppb) ICPMS	As (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	Th (ppm)	Bi (ppm)	Ba (ppm)	W (ppm)	Hg (ppm)
1213525	Soil	Clay	C	50	Pronounced Slope	548397	7036524	64.8	490.6	0.4	34.5	51.9	169	0.7	6.1	0.2	149	0.2	0.05
1213526	Soil	Clay	C	70	Pronounced Slope	548425	7036553	185.9	972.3	0.6	48.6	143	165	1.5	11.1	0.4	193	0.1	0.02
1213527	Soil	Clay	B	70	Pronounced Slope	548452	7036581	67.4	247.1	1.1	46.2	65.7	131	0.6	3.5	0.3	324	0.1	0.06
1213528	Soil	Clay	C	70	Pronounced Slope	548481	7036609	116.3	462.7	0.7	39.3	71.8	122	0.9	5.2	0.3	155	0.1	0.03
1213529	Soil	Clay	C	70	Pronounced Slope	548509	7036638	347.6	638.5	0.9	71.2	162.8	220	1.1	7.4	0.5	191	0.1	0.02
1213530	Soil	Clay	B	70	Pronounced Slope	548536	7036667	40.8	210.9	0.5	25.1	55.8	121	0.5	8	0.2	158	0.1	0.05
1213531	Soil	Clay	B	50	Pronounced Slope	548566	7036695	26.2	131.8	0.4	17.7	39.3	95	0.4	6.5	0.3	128	0.1	0.05
1213532	Soil	Clay	B	60	Pronounced Slope	548593	7036725	16.5	103.5	0.4	20.2	32.5	67	0.4	4.1	0.3	106	0.1	0.05
1213533	Soil	Clay	B	50	Subtle Slope	548621	7036753	7.1	54.3	0.2	13.3	22.4	74	0.4	4.6	0.2	115	0.2	0.05
1213534	Soil	Clay	B	50	Subtle Slope	548650	7036782	5.4	47	0.3	25.4	17.2	77	0.5	4.6	0.2	386	0.2	0.06
1213535	Soil	Clay	B	50	Pronounced Slope	548676	7036810	3.5	47.2	0.3	43.5	29.9	86	0.8	4	0.2	585	0.1	0.03
1213536	Soil	Sand	C	60	Pronounced Slope	548704	7036839	0.25	60.7	0.1	43.6	20.2	104	0.9	7.9	0.2	481	0.05	0.03
1213537	Soil	Clay	C	70	Pronounced Slope	548730	7036866	6.9	48	1.1	47.7	25.6	102	0.6	3.5	0.2	2610	0.2	0.04
1213538	Soil	Sand	C	60	Pronounced Slope	548759	7036895	3.7	34.7	0.4	40	18.8	114	0.8	3.9	0.2	1115	0.2	0.03
1213539	Soil	Sand	C	50	Pronounced Slope	548788	7036923	3.8	58.3	0.4	41.8	38.6	107	0.8	5.8	0.2	498	0.2	0.02
1213540	Soil	Sand	C	40	Pronounced Slope	548817	7036951	1.4	63.5	0.2	29.1	29.9	85	0.6	3.1	0.2	285	0.2	0.01
1213541	Soil	Clay	B	40	Pronounced Slope	548843	7036981	2.5	40.4	0.4	31.7	54.4	79	0.5	3.6	0.2	298	0.2	0.03
1213542	Soil	Clay	C	60	Pronounced Slope	548693	7035454	1.8	5.7	0.05	17.4	8.4	49	0.3	10.1	0.1	202	0.05	0.03
1213544	Soil	Sand	C	60	Pronounced Slope	548721	7035482	3.1	3.4	0.05	14.3	8.5	49	0.3	15.7	0.05	142	0.05	0.01
1213545	Soil	Sand	C	60	Pronounced Slope	548749	7035511	1.7	5.4	0.05	14.9	9.4	53	0.4	12.4	0.1	160	0.05	0.02
1213546	Soil	Sand	C	60	Pronounced Slope	548776	7035539	1.2	5.4	0.05	18.4	8.5	60	0.3	8.7	0.1	193	0.05	0.02
1213547	Soil	Sand	C	40	Subtle Slope	548804	7035567	1.4	5.6	0.05	15.2	10.3	55	0.3	8.6	0.2	156	0.05	0.03
1213548	Soil	Sand	C	40	Subtle Slope	548833	7035596	1.4	4.8	0.05	14	9	41	0.3	8.8	0.05	125	0.05	0.02
1213549	Soil	Sand	C	40	Flat	548861	7035626	3.1	8.1	0.05	23.4	11.9	46	0.5	8.6	0.3	164	0.1	0.04
1213550	Soil	Sand	C	40	Subtle Slope	548888	7035654	1.4	4.4	0.05	13.6	9.1	46	0.3	3.9	0.05	107	0.05	0.02
1213552	Soil	Sand	B	20	Subtle Slope	547831	7036516	12.4	4.1	0.05	13.9	9.5	63	0.3	5	0.1	134	0.2	0.02
1213553	Soil	Sand	C	80	Subtle Slope	547858	7036545	5.5	5.1	0.05	15.3	10.1	65	0.4	4.4	0.2	181	0.1	0.02
1213554	Soil	Sand	B	50	Subtle Slope	547886	7036574	5.2	3.7	0.1	13.2	9.9	50	0.3	2.3	0.2	120	0.1	0.04
1213577	Soil	Sand	B	40	Subtle Slope	548502	7037203	13.9	60.3	0.2	30.5	10.4	55	0.6	4.4	0.3	175	0.1	0.03
1213578	Soil	Sand	C	40	Subtle Slope	548529	7037230	6.6	110.3	0.2	39.4	20.3	86	1	9.8	0.2	169	0.05	0.005
1213579	Soil	Sand	C	40	Subtle Slope	548558	7037259	12.8	45.5	0.2	53.6	31.7	203	1.3	10.4	0.4	823	0.1	0.005
1213580	Soil	Silt	B	50	Subtle Slope	548120	7036012	1.9	5.9	0.1	19.9	10.3	61	0.6	5.4	0.2	228	0.1	0.05
1213581	Soil	Silt	C	70	Subtle Slope	548148	7036041	9.7	35.9	0.2	18	15	72	0.4	2	0.2	225	0.1	0.03
1213582	Soil	Silt	B	90	Subtle Slope	548176	7036069	17.6	70.3	0.3	27.9	16.7	83	0.6	2.6	0.2	182	0.2	0.04
1213583	Soil	Sand	B	70	Pronounced Slope	548203	7036097	16.5	73.4	0.2	29.8	16.8	71	0.6	3.1	0.2	173	0.4	0.03
1213584	Soil	Silt	B	80	Pronounced Slope	548232	7036127	19.2	76.3	0.4	29.2	25.8	87	0.7	1.1	0.2	242	0.2	0.04
1213585	Soil	Silt	B	60	Subtle Slope	548260	7036155	23.2	127.1	0.5	28.1	25.7	114	0.6	2.4	0.3	375	0.2	0.06
1213586	Soil	Sand	B	80	Subtle Slope	548289	7036185	43.4	224.2	0.6	34.5	56	199	0.9	3.2	0.2	257	0.4	0.05
1213587	Soil	Silt	B	40	Subtle Slope	548316	7036213	53.6	423.7	0.6	51.1	40.2	124	0.9	5.2	0.2	336	0.1	0.04
1213588	Soil	Sand	C	40	Subtle Slope	548344	7036241	21.9	214.3	0.2	27.7	14.7	62	0.5	4.6	0.2	133	0.1	0.03
1213589	Soil	Sand	B	50	Subtle Slope	548373	7036271	43.8	336.3	0.2	30.3	16.9	67	0.5	5.5	0.2	193	0.1	0.04
1213590	Soil	Silt	B	20	Subtle Slope	548400	7036298	16.5	346.4	0.05	24.4	20.6	70	0.6	3.5	0.3	67	0.1	0.02
1213591	Soil	Silt	B	30	Pronounced Slope	548428	7036328	98	785.9	0.3	77	113.6	184	1.2	5.5	0.4	111	0.05	0.02
1213592	Soil	Sand	C	40	Subtle Slope	548456	7036356	142.4	919.4	0.6	43.2	93	133	0.7	4.7	0.2	147	0.1	0.04
1213593	Soil	Sand	B	20	Subtle Slope	548485	7036385	17	172.5	0.6	15.4	38.5	43	0.5	1.3	0.3	61	0.2	0.02
1213594	Soil	Sand	C	40	Subtle Slope	548512	7036413	58.4	545.6	0.6	41.2	148.2	185	0.8	4.6	0.2	222	0.1	0.03
1213595	Soil	Sand	C	40	Steep	548541	7036442	70.6	743.7	0.7	45.2	72.9	154	0.8	5.6	0.3	247	0.1	0.03
1213596	Soil	Silt	B	50	Pronounced Slope	548566	7036468	63.4	483.9	1	58.8	56.9	129	0.9	6.9	0.4	352	0.1	0.05
1213597	Soil	Silt	B	90	Subtle Slope	548594	7036497	43	314.4	0.5	48.2	52.8	117	0.7	6.5	0.3	296	0.1	0.04
1213598	Soil	Silt	B	60	Subtle Slope	548622	7036525	54.3	354.3	0.4	20.5	50.3	86	0.6	3.3	0.3	175	0.1	0.06
1213599	Soil	Sand	B	60	Pronounced Slope	548650	7036554	27.8	432.9	0.3	21.1	38.3	88	0.6	3.4	0.2	227	0.2	0.04
1213600	Soil	Silt	B	40	Subtle Slope	548679	7036582	42	170.2	0.4	18.7	31.7	74	0.5	3.1	0.2	186	0.2	0.04
1213601	Soil	Sand	C	100	Subtle Slope	548249	7037170	1.6	5.5	0.1	71.9	14.5	62	0.5	3.9	0.2	645	0.05	0.005
1213603	Soil	Sand	C	80	Subtle Slope	548222	7037141	0.25	15.1	0.3	48.3	84.5	90	0.6	6.1	1.1	666	0.05	0.02
1213604	Soil	Silt	C	100	Subtle Slope	548194	7037113	4.4	9.5	0.3	23.4	19.9	64	0.4	6.5	0.2	521	0.1	0.03
1213605	Soil	Silt	B	80	Pronounced Slope	548164	7037085	2.3	7.1	0.05	17.4	15.4	50	0.4	7.2	0.3	298	0.1	0.005
1213606	Soil	Sand	B	70	Pronounced Slope	548138	7037055	3.4	9.3	0.05	21.7	12.8	54	0.5	8.2	0.4	363	0.1	0.005
1213607	Soil	Sand	B	80	Subtle Slope	548110	7037027	34.6	37.6	0.3	27.7	23.8	73	0.5	6.2	0.2	372	0.2	0.04
1213608	Soil	Sand	B	100	Pronounced Slope	548083	7036997	6.4	7.2	0.05	24.6	17	96	0.3	13.6	0.1	471	0.05	0.02
1213609	Soil	Sand	C	50	Pronounced Slope	548054	7036969	4	6.8	0.05	14.7	18.2	96	0.3	9.2	0.05	494	0.05	0.005

Sample #	SampleType	Soil Texture	Soil Horizon	Sample Depth	Terrain	Easting	Northing	Au (ppb) ICPMS	As (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	Th (ppm)	Bi (ppm)	Ba (ppm)	W (ppm)	Hg (ppm)
1213610	Soil	Sand	B	60	Subtle Slope	548026	7036942	7.7	22.3	0.05	18.5	19.2	81	0.4	7.8	0.1	293	0.05	0.01
1213611	Soil	Sand	C	110	Pronounced Slope	547996	7036914	12.4	22	0.05	21.1	15	91	0.3	11.9	0.05	327	0.05	0.005
1213612	Soil	Sand	C	110	Subtle Slope	547970	7036883	35.1	45.7	0.05	42.7	20.6	106	0.6	15.7	0.1	331	0.05	0.005
1213613	Soil	Sand	C	70	Pronounced Slope	547942	7036856	19.3	73.1	0.1	51.4	22.1	101	0.6	13.6	0.1	276	0.2	0.01
1213614	Soil	Sand	B	80	Pronounced Slope	547914	7036826	8.5	58.9	0.2	32	29.4	78	0.6	4.2	0.2	268	0.1	0.03
1213615	Soil	Sand	C	70	Pronounced Slope	547884	7036798	10.3	104.9	0.1	40.6	26.7	102	0.6	8.4	0.3	248	0.1	0.005
1213616	Soil	Sand	B	70	Pronounced Slope	547858	7036770	12.3	63.4	0.3	30.3	17	67	0.6	4.1	0.2	297	0.1	0.02
1213617	Soil	Sand	C	90	Subtle Slope	547825	7036745	112.8	234.3	0.5	42	88.7	110	0.8	17.2	0.3	161	0.05	0.005
1213618	Soil	Sand	C	50	Pronounced Slope	547800	7036714	46.5	160.3	0.2	57.9	40.7	92	0.7	10.2	0.3	663	0.2	0.005
1213619	Soil	Sand	B	70	Pronounced Slope	547772	7036685	30.6	139.9	0.3	61.3	21.7	131	0.8	6.6	0.4	259	0.05	0.01
1213620	Soil	Silt	B	50	Subtle Slope	547744	7036658	8.8	16.7	0.3	23.7	17.3	73	0.4	3.4	0.2	228	0.1	0.04
1213621	Soil	Silt	B	110	Subtle Slope	547717	7036627	14.4	32.4	0.4	28.7	20.2	76	0.5	2.7	0.2	236	0.1	0.06
1213622	Soil	Silt	B	110	Subtle Slope	547688	7036600	34	57.9	0.6	38.4	21.8	83	0.6	4.2	0.2	245	0.1	0.06
1213623	Soil	Sand	B	90	Pronounced Slope	547659	7036570	34.4	39	0.4	41.3	23.8	88	0.6	5.8	0.3	172	0.1	0.03
1213624	Soil	Silt	B	30	Subtle Slope	549013	7036817	11.1	21.8	0.2	26.9	21.2	74	0.5	3	0.2	299	0.2	0.05
1213625	Soil	Sand	B	50	Pronounced Slope	548990	7036782	12.2	61.1	0.3	41.8	14.6	91	0.9	4.6	0.1	290	0.2	0.05
1213626	Soil	Sand	B	30	Pronounced Slope	548960	7036754	6.8	78	0.5	19.8	13.8	67	0.5	1.3	0.2	181	0.1	0.04
1213627	Soil	Sand	B	30	Steep	548932	7036726	7.3	87.5	0.6	41.8	17.1	128	0.5	4.5	0.2	255	0.1	0.03
1213628	Soil	Sand	C	40	Steep	548904	7036697	2.7	93.5	0.2	25.6	16.4	68	0.7	2.7	0.3	71	0.2	0.03
1213651	Soil	Sand	B	40	Subtle Slope	548349	7035788	3.1	7.5	0.05	20.1	9.8	56	0.4	5.3	0.2	181	0.1	0.02
1213652	Soil	Sand	B	40	Subtle Slope	548375	7035817	2	8.9	0.05	18	9.3	57	0.5	6.9	0.2	152	0.2	0.02
1213653	Soil	Sand	B	40	Subtle Slope	548406	7035848	3.1	9.1	0.05	10.2	11.4	37	0.5	2.6	0.2	59	0.1	0.03
1213654	Soil	Sand	B	40	Subtle Slope	548433	7035874	2.2	5.4	0.05	18.5	16	33	0.3	1.3	0.2	122	0.1	0.03
1213655	Soil	Sand	C	40	Subtle Slope	548463	7035905	2.2	10.1	0.05	18.4	17.1	59	0.5	7.6	0.2	165	0.1	0.03
1213656	Soil	Sand	B	40	Subtle Slope	548489	7035933	2.3	7.8	0.05	16.9	10.9	47	0.4	3.4	0.2	136	0.1	0.02
1213657	Soil	Sand	B	40	Subtle Slope	548517	7035961	1.2	8.8	0.05	17.9	10.9	56	0.4	7.2	0.2	124	0.1	0.03
1213658	Soil	Sand	B	40	Subtle Slope	548552	7035988	3.2	6.9	0.05	17.2	9.3	44	0.4	3.9	0.2	112	0.1	0.03
1213659	Soil	Sand	B	40	Subtle Slope	548576	7036019	3.7	20.3	0.1	13.3	29.4	66	0.4	10.2	0.7	124	0.05	0.02
1213660	Soil	Sand	B	40	Subtle Slope	548604	7036049	26.2	48.8	0.1	25.8	11.4	57	0.5	4.3	0.2	151	0.2	0.05
1213661	Soil	Sand	B	50	Subtle Slope	548630	7036076	38	216.6	0.2	26.7	48.1	76	0.6	4.2	0.2	155	0.1	0.04
1213662	Soil	Sand	B	40	Subtle Slope	548657	7036104	15.5	103.3	0.2	28.4	29.3	78	0.5	6.2	0.2	209	0.1	0.04
1213663	Soil	Sand	B	40	Subtle Slope	548687	7036133	17.7	101	0.2	33.2	20.8	93	0.6	16.6	0.2	202	0.1	0.03
1213664	Soil	Sand	B	40	Subtle Slope	548713	7036161	13.2	167.3	0.3	28.9	25.7	61	0.6	1.8	0.3	178	0.1	0.03
1213665	Soil	Sand	B	40	Subtle Slope	548740	7036188	11.4	122.5	0.3	42.3	22.6	101	0.9	9.2	0.3	262	0.1	0.02
1213666	Soil	Sand	B	40	Subtle Slope	548769	7036218	17.8	214.7	1	36.5	22.1	65	0.6	4	0.3	340	0.1	0.05
1213667	Soil	Sand	B	60	Subtle Slope	548783	7036235	16.7	172.9	0.7	41.7	35.9	133	0.9	7.1	0.5	220	0.2	0.04
1213668	Soil	Sand	B	40	Subtle Slope	548826	7036277	32.4	302.1	1.1	37.6	28.1	102	0.7	8.7	0.3	210	0.1	0.06
1213669	Soil	Sand	C	90	Subtle Slope	548851	7036305	4.3	74.2	0.4	62.6	15.2	123	0.9	11.7	0.2	345	0.1	0.02
1213671	Soil	Sand	B	40	Subtle Slope	548881	7036332	6	25.5	0.3	25.1	18	61	0.3	3.6	0.2	160	0.1	0.04
1213672	Soil	Sand	B	40	Subtle Slope	548908	7036362	15	54.6	0.2	24.2	32.4	82	0.5	7.8	0.2	171	0.1	0.03
1213673	Soil	Sand	B	40	Subtle Slope	548938	7036391	7.9	33.1	0.1	19.3	16.8	54	0.3	5.6	0.2	160	0.1	0.03
1213674	Soil	Sand	B	50	Subtle Slope	548964	7036418	18.2	97.6	0.2	26.4	27.1	85	0.6	17.6	0.2	198	0.2	0.03
1213675	Soil	Sand	B	40	Subtle Slope	548992	7036448	6.9	32.1	0.05	15.2	21.5	58	0.5	7.4	0.2	108	0.1	0.02
1213676	Soil	Sand	C	50	Subtle Slope	549021	7036475	10.3	33.6	0.2	22.1	25.5	69	0.5	14.2	0.2	159	0.1	0.03
1213677	Soil	Sand	C	50	Subtle Slope	549050	7036505	12.7	82.4	0.2	32.8	27.4	81	0.5	9.9	0.3	178	0.05	0.02
1213678	Soil	Sand	B	40	Subtle Slope	549080	7036536	5.2	58.8	0.2	23.9	20.5	72	0.5	9.1	0.2	195	0.1	0.03
1213679	Soil	Sand	B	50	Subtle Slope	549107	7036562	6	19.6	0.2	21	19	64	0.5	9.7	0.2	202	0.2	0.02
1213680	Soil	Sand	C	40	Subtle Slope	549135	7036593	4.7	33.5	0.2	19.6	15.8	55	0.4	6.2	0.2	185	0.1	0.03
1213681	Soil	Sand	B	40	Subtle Slope	549162	7036618	6.8	50.4	0.2	28.8	15.9	77	0.6	8.3	0.2	436	0.1	0.02
1213682	Soil	Sand	B	70	Pronounced Slope	549188	7036645	4.6	47.5	0.1	29.9	14.4	76	0.5	5.6	0.2	330	0.2	0.03
1213701	Soil	Sand	B	40	Pronounced Slope	549102	7036674	14	44.8	0.1	23.9	18.3	61	0.4	6.2	0.2	281	0.1	0.03
1213702	Soil	Sand	B	50	Subtle Slope	549075	7036644	3.6	34.4	0.1	23.6	27.1	82	0.4	14.6	0.2	267	0.1	0.01
1213703	Soil	Sand	B	50	Subtle Slope	549045	7036614	5.8	29	0.1	23.8	15.8	64	0.4	11.3	0.1	276	0.1	0.03
1213704	Soil	Sand	B	40	Subtle Slope	549018	7036587	7.1	44.7	0.1	35.2	25.7	123	0.4	18.9	0.1	396	0.1	0.02
1213705	Soil	Sand	B	40	Subtle Slope	548993	7036560	1.1	30.4	0.05	25.5	15.7	63	0.2	4.6	0.05	150	0.05	0.01
1213706	Soil	Sand	C	40	Subtle Slope	548961	7036528	4.2	94.7	0.05	25.7	46.8	96	0.4	11.8	0.2	191	0.05	0.02
1213707	Soil	Sand	B	40	Subtle Slope	548933	7036501												
1213708	Soil	Sand	B	50	Subtle Slope	548907	7036473	10.5	52.2	0.05	16.4	36.1	86	0.4	20.5	0.2	149	0.1	0.02
1213709	Soil	Sand	B	40	Subtle Slope	548878	7036443	6.8	30	0.05	13.1	24.8	70	0.3	9	0.2	121	0.2	0.01
1213710	Soil	Sand	B	60	Subtle Slope	548852	7036418												

Sample #	SampleType	Soil Texture	Soil Horizon	Sample Depth	Terrain	Easting	Northing	Au (ppb) ICPMS	As (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	Th (ppm)	Bi (ppm)	Ba (ppm)	W (ppm)	Hg (ppm)
1213711	Soil	Sand	B	60	Pronounced Slope	548823	7036387												
1213712	Soil	Sand	B	50	Subtle Slope	548794	7036357	18.2	73.1	0.3	19.7	27	73	0.4	7.6	0.2	135	0.1	0.05
1213713	Soil	Sand	B	50	Subtle Slope	548765	7036329	10.9	86.2	0.5	23.5	24.9	82	0.4	8.6	0.2	142	0.1	0.03
1213714	Soil	Sand	B	40	Subtle Slope	548738	7036300	22	91.7	0.6	35	40.3	103	0.5	12.9	0.2	215	0.1	0.04
1213715	Soil	Sand	B	60	Subtle Slope	548709	7036272	10.5	96.5	0.3	29.7	23.9	84	0.4	8.8	0.2	186	0.1	0.02
1213717	Soil	Sand	B	40	Subtle Slope	548682	7036245	15.9	98.8	0.3	33.3	23.7	87	0.4	8.6	0.2	244	0.1	0.02
1213718	Soil	Sand	B	40	Subtle Slope	548652	7036214	14.3	199.9	0.3	37.3	22.8	103	0.5	13.1	0.2	215	0.05	0.005
1213719	Soil	Sand	B	40	Subtle Slope	548626	7036185	36.5	331.3	0.2	31.8	23.9	74	0.6	6.9	0.2	283	0.1	0.03
1213721	Soil	Sand	B	40	Subtle Slope	548594	7036158	47.7	327.6	0.2	26.2	17.1	67	0.5	5.3	0.2	183	0.1	0.02
1213722	Soil	Sand	B	30	Subtle Slope	548571	7036126	38.7	331.1	0.3	40.5	24.3	84	0.6	5.3	0.2	190	0.1	0.03
1213723	Soil	Sand	C	40	Subtle Slope	548548	7036092	44.1	170.5	0.2	37	31.3	74	0.6	6.4	0.2	256	0.1	0.05
1213724	Soil	Sand	C	40	Subtle Slope	548511	7036069	163	294.3	0.2	40.1	24.2	65	0.6	8.5	0.2	121	0.05	0.02
1213725	Soil	Sand	B	30	Subtle Slope	548486	7036043	33.9	58	0.05	21.5	15.3	48	0.5	3.1	0.2	141	0.1	0.02
1213726	Soil	Sand	C	40	Subtle Slope	548458	7036015	6.8	21	0.1	26.6	10.1	57	0.4	3.7	0.1	273	0.1	0.03
1213727	Soil	Sand	B	40	Subtle Slope	548427	7035984	15.3	32.2	0.1	24.8	13.6	60	0.5	6.7	0.2	154	0.2	0.04
1213728	Soil	Sand	B	40	Subtle Slope	548401	7035954	49.8	190.2	0.1	57.5	33.8	223	1	2.5	0.2	104	0.2	0.02
1213729	Soil	Sand	B	40	Subtle Slope	548372	7035926	6.4	7	0.2	21.9	18.4	60	0.4	7.9	0.1	203	0.1	0.04
1213730	Soil	Sand	B	40	Subtle Slope	548343	7035900	5.7	6	0.05	18	14.3	62	0.4	10.1	0.2	146	0.1	0.01
1213731	Soil	Sand	B	50	Subtle Slope	548316	7035871	4.4	8.2	0.2	34.4	24.2	76	0.4	5.2	0.3	196	0.1	0.03
1213732	Soil	Sand	B	40	Subtle Slope	548290	7035845	5.4	6.1	0.05	16.3	13	59	0.3	8.8	0.1	131	0.1	0.02
1213751	Soil	Sand	C	40	Pronounced Slope	548876	7036668	3.9	28.4	0.1	26.7	27.1	70	0.5	7.7	0.3	85	0.1	0.02
1213752	Soil	Sand	B	40	Pronounced Slope	548851	7036642	10.8	34	0.2	15.4	21.7	47	0.2	2.3	0.2	121	0.1	0.05
1213753	Soil	Sand	B	40	Pronounced Slope	548822	7036612	11.8	56.4	0.2	17.2	23.3	48	0.3	2.6	0.3	111	0.1	0.04
1213754	Soil	Silt	B	40	Pronounced Slope	548794	7036584	16.6	22.1	0.2	13.8	21.2	41	0.3	1.7	0.8	111	0.1	0.04
1213756	Soil	Sand	B	40	Pronounced Slope	548766	7036557	5.4	78.6	0.1	12.8	25.9	64	0.4	7.2	0.2	88	0.2	0.03
1213757	Soil	Sand	B	40	Pronounced Slope	548737	7036527	16.4	72.1	0.2	13	21.7	59	0.3	3.9	0.1	125	0.2	0.05
1213758	Soil	Sand	B	40	Pronounced Slope	548711	7036498	17.2	93.1	0.2	13.1	21.8	65	0.4	4.2	0.1	125	0.2	0.04
1213759	Soil	Silt	B	40	Pronounced Slope	548682	7036471	18.2	113.1	0.2	14.9	23.4	70	0.4	4.1	0.1	153	0.2	0.05
1213760	Soil	Silt	B	40	Pronounced Slope	548653	7036442	38	538.8	0.3	20.9	43.7	106	0.6	7.5	0.2	178	0.2	0.05
1213761	Soil	Sand	B	20	Pronounced Slope	548627	7036413	62.5	141.7	0.4	25	60.5	120	0.5	8.7	0.1	174	0.1	0.04
1213762	Soil	Sand	B	50	Pronounced Slope	548598	7036384	16	241.4	0.3	44.5	22.1	102	1	9.5	0.1	215	0.05	0.04
1213763	Soil	Silt	B	50	Pronounced Slope	548570	7036356	31.8	215.6	0.6	32.4	17.5	72	0.9	4.2	0.2	243	0.05	0.07
1213764	Soil	Sand	B	30	Pronounced Slope	548543	7036326	70.8	515.7	0.5	33.9	36	94	1.3	3.9	0.2	259	0.1	0.04
1213765	Soil	Sand	B	50	Pronounced Slope	548513	7036299	145.1	814.1	0.6	36.4	127.9	166	1.2	5.2	0.2	199	0.2	0.06
1213767	Soil	Sand	B	40	Subtle Slope	548486	7036270	37.5	357.5	0.2	36.4	66.8	120	0.6	8	0.2	161	0.05	0.04
1213768	Soil	Sand	B	40	Subtle Slope	548458	7036242	24	302.9	0.1	34.4	32.3	76	0.5	8	0.2	163	0.1	0.04
1213769	Soil	Sand	B	40	Subtle Slope	548429	7036214	8.3	241.4	0.05	28.3	15.2	52	0.5	2	0.2	111	0.1	0.02
1213770	Soil	Sand	C	60	Pronounced Slope	548406	7036182	26	321.3	0.1	42.4	21.2	82	0.6	8.6	0.2	139	0.05	0.01
1213771	Soil	Sand	B	30	Subtle Slope	548374	7036156	26.5	670.1	0.05	62.9	24.3	82	0.9	8.2	0.3	139	0.1	0.02
1213772	Soil	Sand	B	50	Pronounced Slope	548344	7036128	35.6	407	0.3	37.2	20.4	94	0.6	3.7	0.2	679	0.1	0.03
1213773	Soil	Sand	B	80	Subtle Slope	548318	7036097	38.3	130.2	0.9	45.4	63.4	226	0.7	2.5	0.3	308	0.2	0.05
1213774	Soil	Sand	C	90	Pronounced Slope	548288	7036070	27.8	34.3	0.7	29.4	82.5	183	1	5.2	0.4	129	1.2	0.04
1213776	Soil	Silt	B	50	Steep	548261	7036041	49.7	126.3	0.5	25.2	20.9	73	0.5	3	0.2	153	0.2	0.04
1213777	Soil	Silt	B	70	Pronounced Slope	548233	7036013	7.2	20.6	0.2	21	13.9	60	0.6	3	0.1	237	0.1	0.04
1213778	Soil	Sand	B	60	Pronounced Slope	548203	7035987	5	8.8	0.05	17.3	11.3	60	0.6	5.6	0.1	275	0.1	0.04
1213779	Soil	Sand	B	110	Pronounced Slope	548178	7035956	4	6.2	0.1	25.3	13.8	68	0.7	8.4	0.1	283	0.1	0.04
1213781	Soil	Sand	C	50	Subtle Slope	548576	7035565	0.25	6.1	0.05	22.7	10.3	56	0.5	12.9	0.1	234	0.05	0.02
1213782	Soil	Sand	C	50	Subtle Slope	548608	7035589	0.25	5.8	0.05	18.8	9.1	57	0.4	12.6	0.1	176	0.1	0.02
1213783	Soil	Sand	C	70	Subtle Slope	548635	7035619	0.25	6.5	0.05	18.9	9	59	0.5	15.6	0.1	172	0.1	0.02
1213784	Soil	Sand	B	40	Subtle Slope	548663	7035648	2	8.1	0.05	21.6	10.5	61	0.6	16.2	0.2	146	0.1	0.03
1213785	Soil	Sand	C	40	Pronounced Slope	548690	7035679	0.25	8.6	0.05	22.9	9.8	59	0.5	12.1	0.2	180	0.1	0.03
1213786	Soil	Sand	C	40	Subtle Slope	548719	7035706	2.1	10.8	0.05	21.3	10.4	58	0.6	9.4	0.2	170	0.1	0.03
1213787	Soil	Sand	C	50	Subtle Slope	548747	7035734	3.4	9.3	0.05	26.6	11.3	66	0.6	9.3	0.2	202	0.1	0.03
1213788	Soil	Sand	B	40	Subtle Slope	548771	7035766	0.25	8	0.05	11.6	9.9	40	0.6	2.1	0.3	64	0.1	0.02
1213789	Soil	Sand	C	70	Pronounced Slope	548800	7035794	1.2	4.9	0.05	17.1	11.1	68	0.4	14.4	0.2	126	0.2	0.02
1213790	Soil	Sand	C	40	Pronounced Slope	548831	7035821	1.9	5.2	0.05	11	10.2	43	0.4	1.4	0.2	76	0.05	0.03
1213791	Soil	Sand	C	50	Pronounced Slope	548857	7035850	0.9	6.6	0.05	19.9	9.7	71	0.4	9.2	0.2	223	0.2	0.02
1213792	Soil	Sand	C	70	Pronounced Slope	548884	7035878	4.4	6.4	0.05	16.6	9.1	70	0.4	9.5	0.1	195	0.1	0.01
1213793	Soil	Sand	B	50	Subtle Slope	548913	7035908	2.8	6.6	0.1	17.1	11.8	71	0.4	7.4	0.1	586	0.2	0.03
1213794	Soil	Sand	B	100	Pronounced Slope	548941	7035936	2.1	8.6	0.1	17.5	9.8	66	0.4	7.7	0.1	401	0.2	0.05

Flume Soil Sample Data 2011

Sample #	SampleType	Soil Texture	Soil Horizon	Sample Depth	Terrain	Easting	Northing	Au (ppb) ICPMS	As (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	Th (ppm)	Bi (ppm)	Ba (ppm)	W (ppm)	Hg (ppm)
1213795	Soil	Sand	B	60	Pronounced Slope	548968	7035963	3.9	34.4	0.2	18.1	21.9	90	0.6	6.2	0.2	263	2.6	0.02
1213796	Soil	Silt	B	110	Pronounced Slope	548996	7035992	5.3	37	0.2	22.6	11.8	74	0.8	4.8	0.2	348	0.1	0.04
1213797	Soil	Silt	B	110	Subtle Slope	549024	7036020	22.7	238.6	0.3	35.5	18.6	98	1.7	3.6	0.3	348	0.1	0.04
1213798	Soil	Sand	C	80	Pronounced Slope	549051	7036050	32.4	265.7	0.3	28	22.5	84	0.9	6	0.3	130	0.2	0.02
1213800	Soil	Sand	C	70	Subtle Slope	549080	7036079	9.8	196.9	0.2	30	20	86	0.8	5.1	0.3	175	0.2	0.03
1213801	Soil	Silt	B	50	Subtle Slope	548706	7036611	41.7	155.9	0.3	17.3	23.9	53	0.4	2.3	0.2	142	0.2	0.05
1213802	Soil	Silt	B	60	Subtle Slope	548734	7036640	8.1	74.1	0.2	14.6	20	46	0.3	3	0.1	95	0.2	0.05
1213803	Soil	Silt	B	50	Pronounced Slope	548762	7036668	10.6	119	0.2	15.9	22.3	48	0.3	3.7	0.2	118	0.1	0.04
1213804	Soil	Silt	B	50	Pronounced Slope	548790	7036696	6.5	69.7	0.2	14.7	22.2	63	0.3	3.5	0.2	86	0.2	0.04
1213805	Soil	Sand	B	70	Pronounced Slope	548818	7036725	51.7	110.7	0.3	28.2	19.7	91	0.9	5.8	0.2	143	0.1	0.03
1213806	Soil	Silt	B	70	Subtle Slope	548846	7036754	6.2	122	0.2	16.9	19.7	80	0.5	3.1	0.2	295	0.2	0.05
1213807	Soil	Silt	B	90	Flat	548901	7036810	4.4	32.5	0.4	42.5	22.1	79	0.7	3.5	0.2	398	0.2	0.03
1213808	Soil	Silt	B	40	Subtle Slope	548931	7036841	3.1	17.4	0.3	24.2	16.5	50	0.5	1.7	0.2	334	0.2	0.03
1213809	Soil	Silt	B	60	Subtle Slope	548958	7036869	7.5	30.9	0.3	27.2	42.8	67	0.6	3	0.2	261	0.2	0.03
1213810	Soil	Silt	B	80	Subtle Slope	549932	7035920	6.7	119.9	0.5	34.5	19.9	101	0.7	5	0.2	716	0.2	0.03
1213811	Soil	Sand	B	70	Pronounced Slope	549905	7035891	8.5	110.4	0.4	36.5	21.8	94	0.6	5.3	0.3	601	0.2	0.04
1213812	Soil	Sand	B	110	Subtle Slope	549877	7035863	14.5	168.3	0.4	26.1	19.1	83	0.8	4	0.2	417	0.2	0.04
1213813	Soil	Sand	B	80	Pronounced Slope	549849	7035834												
1213814	Soil	Sand	C	40	Pronounced Slope	549820	7035804	10.2	95.9	0.2	30.7	19.9	92	0.8	6.4	0.2	376	0.2	0.03
1213815	Soil	Sand	B	90	Pronounced Slope	549793	7035777	14.1	166.7	0.3	22.2	17.8	83	0.7	5.9	0.2	455	0.2	0.04
1213816	Soil	Sand	C	60	Subtle Slope	549765	7035748	29.5	203.3	0.4	30.7	22.7	106	0.8	6.7	0.2	688	0.3	0.04
1213817	Soil	Sand	C	40	Subtle Slope	549739	7035719	55.2	261.2	0.3	37.6	21.3	113	0.9	7.2	0.3	764	0.2	0.03
1213818	Soil	Sand	C	40	Subtle Slope	549709	7035692	24.6	356.7	0.3	33.2	18.2	76	0.9	5.4	0.2	889	0.2	0.03
1213819	Soil	Sand	C	60	Pronounced Slope	549681	7035663	21.9	357.6	0.2	31.5	18.7	78	0.9	4.2	0.2	367	0.2	0.02
1213820	Soil	Sand	C	30	Subtle Slope	549652	7035633	30.8	598.3	0.2	27.8	29.8	91	1.3	14.5	0.2	347	0.2	0.02
1213821	Soil	Sand	C	30	Subtle Slope	549652	7035633	27	551.4	0.2	26.2	27.2	84	1.2	13.8	0.2	322	0.2	0.01
1213822	Soil	Sand	C	40	Subtle Slope	549625	7035605	60.7	677.2	0.3	35.6	163.7	141	1.9	2.9	0.3	144	0.2	0.02
1213823	Soil	Sand	C	30	Subtle Slope	549596	7035576	3.4	67.1	0.2	25.5	10.9	61	0.7	3.5	0.2	183	0.2	0.02
1213824	Soil	Sand	C	30	Subtle Slope	549568	7035547	36.1	744.2	0.3	46.4	24.6	87	1.9	3.7	0.3	220	0.2	0.01
1213825	Soil	Sand	C	40	Subtle Slope	549540	7035518	40	543.3	0.3	50.2	18.1	89	1.4	6.3	0.3	180	0.1	0.02
1213826	Soil	Sand	C	30	Flat	549513	7035491	29.9	369.7	0.05	46.2	18.6	95	0.9	7.4	0.3	184	0.1	0.03
1213827	Soil	Sand	C	30	Subtle Slope	549485	7035463	8.5	122.3	0.1	31.6	16	71	0.7	8	0.2	164	0.1	0.02
1213828	Soil	Sand	C	40	Subtle Slope	549457	7035434	9.4	80.3	0.05	29.5	14.6	68	0.6	6.6	0.2	247	0.1	0.03
1213829	Soil	Sand	C	50	Subtle Slope	549430	7035406	1.2	170.4	0.2	77.4	19.8	118	1	6.8	0.3	193	0.05	0.01
1213830	Soil	Sand	C	50	Subtle Slope	549402	7035378	16.1	114.3	0.1	36.8	12.1	68	0.5	7.2	0.2	246	0.1	0.04
1213831	Soil	Sand	C	40	Subtle Slope	549373	7035348	5.5	94.3	0.2	28.9	12.5	67	0.8	6.7	0.2	168	0.1	0.02
1213832	Soil	Sand	B	40	Subtle Slope	549346	7035321	17.2	73.9	0.05	35.3	11.6	71	0.6	7.8	0.2	253	0.1	0.03
1213833	Soil	Sand	B	70	Subtle Slope	549317	7035291	14.3	80.2	0.1	41.1	14.3	76	0.7	8.8	0.2	318	0.2	0.04
1213834	Soil	Silt	C	40	Subtle Slope	549289	7035263	7.6	196.9	0.05	46.1	8.3	100	0.8	4.5	0.1	407	0.2	0.005
1213835	Soil	Sand	C	50	Subtle Slope	549262	7035234	10.4	138.5	0.2	33.6	11.1	90	0.8	5.7	0.2	630	0.1	0.02
1213836	Soil	Sand	C	40	Subtle Slope	549234	7035206	7.5	193.4	0.5	28	11.8	74	0.8	3.5	0.2	686	0.2	0.03
1213837	Soil	Sand	B	40	Subtle Slope	549204	7035175	15.3	258.2	0.5	38.8	13.2	70	1.1	5.3	0.2	490	0.1	0.04
1213838	Soil	Sand	C	40	Subtle Slope	549177	7035148	6.9	164.2	0.4	26.5	13.8	57	1.4	7.2	0.2	134	0.1	0.02
1213839	Soil	Sand	C	40	Subtle Slope	549149	7035120	6.5	173.6	0.3	35.3	13.8	67	1.4	5.7	0.3	372	0.2	0.03
1213840	Soil	Sand	C	40	Subtle Slope	549122	7035090	0.7	85.6	0.2	17.2	11.7	52	0.8	5	0.2	125	0.1	0.01
1213841	Soil	Sand	C	40	Subtle Slope	549093	7035062	6.1	161.2	0.4	25.5	14.3	54	1.3	7	0.2	133	0.1	0.02
1213851	Soil	Clay	C	60	Pronounced Slope	548916	7035682	1	4.6	0.05	17.7	9.8	47	0.3	2.3	0.1	176	0.05	0.02
1213852	Soil	Clay	B	80	Pronounced Slope	548945	7035711	11.1	24.5	0.2	28.6	15.9	73	0.8	2.8	0.2	271	0.2	0.05
1213853	Soil	Clay	B	70	Pronounced Slope	548971	7035738	6.7	23	0.3	26.3	16.1	78	0.8	2.3	0.2	266	0.2	0.04
1213854	Soil	Clay	C	70	Pronounced Slope	549000	7035768	8.5	172.2	0.3	32.5	21.4	70	1.5	4.3	0.3	238	0.4	0.04
1213855	Soil	Clay	C	60	Pronounced Slope	549028	7035798	11.5	165.1	0.4	32.7	23.5	89	1.2	3.7	0.3	428	0.3	0.04
1213856	Soil	Clay	C	70	Pronounced Slope	549057	7035825	21.1	201.6	0.6	47.4	14.1	94	1	5.3	0.2	777	0.2	0.05
1213857	Soil	Clay	C	60	Pronounced Slope	549085	7035854	10.7	184.2	0.4	36.3	17.6	93	0.9	8.1	0.2	251	0.2	0.03
1213858	Soil	Clay	B	50	Pronounced Slope	549112	7035883	13.1	204.6	0.3	18.8	13.6	67	0.5	2.4	0.2	174	0.2	0.05
1213859	Soil	Clay	B	100	Pronounced Slope	549141	7035911	11.7	277.2	0.2	34.7	17.7	83	0.9	10.8	0.2	207	0.1	0.01
1213860	Soil	Clay	B	40	Pronounced Slope	549170	7035941	6.8	97.6	0.3	17.1	15.5	59	0.6	3.4	0.2	147	0.2	0.05
1213861	Soil	Clay	B	40	Pronounced Slope	549197	7035969	12.9	162.9	0.4	15.7	17.2	67	0.5	3.7	0.2	132	0.1	0.05
1213862	Soil	Clay	B	50	Pronounced Slope	549225	7035998	22.6	233.2	0.6	27.7	23.8	80	1	6.3	0.3	190	0.1	0.03
1213863	Soil	Clay	C	80	Pronounced Slope	549253	7036027	48.6	568.8	0.6	38.8	23.7	90	1	4.7	0.2	278	0.2	0.05
1213864	Soil	Clay	B	90	Pronounced Slope	549281	7036055	59.1	398	0.4	29.1	25	98	0.7	4.1	0.2	204	0.3	0.04

Sample #	SampleType	Soil Texture	Soil Horizon	Sample Depth	Terrain	Easting	Northing	Au (ppb) ICPMS	As (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	Th (ppm)	Bi (ppm)	Ba (ppm)	W (ppm)	Hg (ppm)
1213865	Soil	Clay	B	90	Pronounced Slope	549309	7036084	37.9	343.3	0.4	29.5	36.2	118	0.8	5.4	0.2	304	0.2	0.05
1213866	Soil	Clay	B	70	Pronounced Slope	549338	7036113	75.1	711.7	0.3	35.9	56.2	126	1.1	7.4	0.3	460	0.2	0.03
1213867	Soil	Clay	B	50	Pronounced Slope	549366	7036141	17.1	124.8	0.6	31.2	24.9	104	0.7	7.1	0.2	595	0.1	0.05
1213868	Soil	Clay	B	40	Pronounced Slope	549391	7036168	45.5	186.5	0.6	33.2	43.3	153	0.7	7.1	0.2	735	0.1	0.05
1213869	Soil	Clay	B	80	Pronounced Slope	549419	7036196	27.9	177.5	0.4	26.9	34	109	0.5	9	0.2	469	0.1	0.04
1213870	Soil	Clay	C	50	Pronounced Slope	549448	7036225	8.4	86.6	0.2	20.8	20	80	0.4	5.4	0.2	330	0.1	0.02
1213871	Soil	Clay	B	50	Pronounced Slope	549475	7036253	12.6	78.7	0.4	28.1	28.3	100	0.4	8.8	0.2	458	0.05	0.03
1213872	Soil	Clay	B	60	Pronounced Slope	549504	7036281	12.2	38.2	0.6	24.4	24.6	62	0.4	5.8	0.2	444	0.1	0.06
1213873	Soil	Sand	C	50	Pronounced Slope	549531	7036309	6.3	52.5	0.4	25.4	24.1	76	0.5	7.2	0.2	328	0.1	0.04
1213874	Soil	Clay	B	40	Pronounced Slope	549150	7035007	19.5	137.1	0.4	30.9	15.6	90	0.6	2.4	0.2	450	0.4	0.05
1213875	Soil	Clay	B	50	Pronounced Slope	549178	7035037	28.3	92.2	0.3	29.3	15.1	99	0.5	2.4	0.2	462	0.6	0.06
1213876	Soil	Sand	C	50	Pronounced Slope	549207	7035065	29.4	131.3	0.2	34.1	17.3	156	0.7	4.9	0.2	310	0.6	0.02
1213877	Soil	Sand	C	50	Pronounced Slope	549235	7035093	17.2	147.2	0.2	38.8	28.6	84	0.8	7.6	0.3	272	0.2	0.02
1213879	Soil	Clay	C	40	Pronounced Slope	549263	7035122	16.3	356	0.3	41.2	75.7	163	1.7	5.7	0.6	339	0.9	0.02
1213880	Soil	Clay	B	40	Pronounced Slope	549291	7035150	4	54.9	0.1	20	84.9	100	0.6	4.2	0.2	193	0.2	0.03
1213881	Soil	Clay	C	40	Subtle Slope	549319	7035179	14.2	96.4	0.1	29.8	17.1	65	0.6	6.2	0.2	182	0.3	0.02
1213882	Soil	Clay	C	50	Subtle Slope	549348	7035208	14	87.6	0.05	30	12.9	71	0.6	8.3	0.2	192	0.1	0.01
1213883	Soil	Sand	C	50	Subtle Slope	549375	7035237	27.1	127.1	0.05	46.5	16.4	101	0.5	7.6	0.2	331	0.2	0.02
1213884	Soil	Clay	C	40	Subtle Slope	549403	7035265	9.2	42.7	0.1	34.1	10	66	0.5	5.1	0.1	224	0.2	0.03
1213885	Soil	Clay	C	50	Subtle Slope	549431	7035294	3.5	36.9	0.05	65.5	4.7	105	0.3	4.7	0.05	559	0.05	0.005
1213886	Soil	Clay	C	40	Subtle Slope	549459	7035322	8.5	45.8	0.1	28.9	9.8	82	0.5	4.7	0.2	180	0.1	0.02
1213887	Soil	Sand	C	50	Subtle Slope	549487	7035351	2.9	72.2	0.05	43.2	13.7	77	0.6	7.9	0.2	155	0.1	0.02
1213888	Soil	Sand	C	50	Subtle Slope	549516	7035380	19.7	143.8	0.05	31.8	13.3	64	0.5	9.8	0.2	173	0.05	0.02
1213889	Soil	Sand	C	60	Subtle Slope	549544	7035408	10.8	94.1	0.05	31.4	12.1	64	0.6	5.7	0.2	256	0.1	0.03
1213890	Soil	Clay	C	70	Subtle Slope	549572	7035438	13.4	108.8	0.05	31.9	11.5	64	0.7	5.4	0.2	217	0.1	0.03
1213891	Soil	Clay	C	60	Subtle Slope	549601	7035466	34.1	335.1	0.1	39	16.3	71	0.9	8.3	0.2	197	0.2	0.03
1213892	Soil	Clay	C	50	Subtle Slope	549629	7035495	28.4	406.6	0.3	31.7	15.9	52	0.7	6.2	0.2	146	0.2	0.02
1213893	Soil	Clay	C	50	Subtle Slope	549656	7035523	21.5	220.2	0.5	27	12.9	57	0.7	5.5	0.2	195	0.1	0.04
1213894	Soil	Clay	B	60	Subtle Slope	549684	7035552	18.6	80.6	0.05	16.3	13.9	59	0.5	3.1	0.2	164	0.1	0.03
1213895	Soil	Clay	B	50	Subtle Slope	549711	7035580	10.7	101.5	0.05	22.6	13	57	0.6	3.1	0.2	185	0.2	0.03
1213896	Soil	Clay	C	40	Pronounced Slope	549740	7035608	11.7	111.5	0.05	30.8	13.2	73	0.7	5.1	0.1	306	0.1	0.02
1213897	Soil	Clay	C	50	Pronounced Slope	549768	7035637	8.7	76.1	0.05	28.6	11.3	66	0.5	4.1	0.1	242	0.1	0.02
1213898	Soil	Clay	C	60	Pronounced Slope	549796	7035666	25.2	140	0.1	31.3	14.5	71	0.6	5.9	0.1	407	0.05	0.02
1213899	Soil	Clay	B	50	Pronounced Slope	549825	7035694	10.2	104.1	0.3	38	16.4	67	0.7	4	0.2	478	0.1	0.05
1213900	Soil	Clay	B	70	Pronounced Slope	549849	7035719	8.4	100.5	0.3	26	14.6	69	0.6	3.6	0.2	444	0.1	0.03
1213901	Soil	Sand	C	40	Subtle Slope	548271	7037539	2	9.2	0.05	16.9	11.4	47	0.6	5.8	0.2	213	0.1	0.02
1213902	Soil	Sand	C	30	Subtle Slope	548243	7037511	0.25	4.9	0.1	9.9	13.6	70	0.4	11	0.2	99	0.05	0.01
1213903	Soil	Sand	C	30	Subtle Slope	548215	7037483	2.7	5.2	0.05	12.3	12.3	46	0.3	9.1	0.1	152	0.1	0.02
1213904	Soil	Sand	C	30	Subtle Slope	548184	7037451	1	7.8	0.05	15.7	17.8	62	0.4	5.1	0.2	185	0.1	0.02
1213905	Soil	Sand	C	40	Subtle Slope	548157	7037423	1.4	4.8	0.05	13.7	10.7	60	0.4	11.4	0.1	139	0.1	0.005
1213906	Soil	Sand	C	40	Subtle Slope	548131	7037397	2.5	7.5	0.05	20	11.6	55	0.5	6.9	0.1	464	0.1	0.03
1213907	Soil	Sand	C	40	Subtle Slope	548100	7037365	1.8	3.8	0.05	12.1	15.4	54	0.4	11.4	0.1	412	0.05	0.01
1213908	Soil	Sand	C	40	Subtle Slope	548076	7037339	0.8	5.2	0.05	11.7	10.5	67	0.3	3.4	0.1	314	0.1	0.02
1213909	Soil	Sand	C	50	Subtle Slope	548046	7037309	1.3	4.9	0.05	12.7	10.7	64	0.3	6.5	0.1	523	0.05	0.01
1213910	Soil	Sand	C	50	Subtle Slope	548017	7037282	2.1	4.6	0.05	14.9	21.9	73	0.4	7.5	0.2	461	0.05	0.02
1213911	Soil	Sand	C	40	Subtle Slope	547990	7037252	7	4	0.05	13.6	12.2	72	0.4	8.9	0.1	439	0.05	0.005
1213912	Soil	Sand	C	40	Subtle Slope	547959	7037221	1.9	5.7	0.05	10.8	11.9	70	0.4	8.5	0.2	230	0.05	0.01
1213913	Soil	Sand	C	50	Subtle Slope	547932	7037193	5	26.7	0.1	25.2	17.5	81	0.5	6	0.2	235	0.1	0.01
1213914	Soil	Sand	C	60	Subtle Slope	547905	7037165	7.1	31	0.1	31.2	15.7	75	0.4	8.4	0.2	299	0.1	0.02
1213915	Soil	Sand	B	40	Subtle Slope	547881	7037139	18.6	55.9	0.2	25.6	25.7	68	0.6	5	0.2	276	0.05	0.02
1213916	Soil	Sand	C	40	Subtle Slope	547852	7037110	55.6	135.4	0.4	38.4	34.5	87	0.8	7	0.2	239	0.1	0.03
1213917	Soil	Sand	C	50	Subtle Slope	547823	7037081	30.9	106.7	0.05	38.1	18.7	67	0.7	5	0.2	219	0.1	0.03
1213918	Soil	Sand	C	40	Subtle Slope	547791	7037049	17.9	75.6	0.1	41.8	23.4	98	0.6	8	0.2	200	0.05	0.01
1213919	Soil	Sand	C	40	Subtle Slope	547764	7037023	57.9	99.5	0.2	42.3	41.2	114	0.8	6.2	0.2	229	0.05	0.02
1213920	Soil	Sand	C	40	Subtle Slope	547738	7036995	46.2	102.4	0.1	48.3	56.5	95	0.6	7.8	0.2	225	0.1	0.04
1213921	Soil	Sand	C	40	Subtle Slope	547712	7036966												
1213922	Soil	Sand	C	40	Subtle Slope	547682	7036939												
1213923	Soil	Sand	B	50	Subtle Slope	547655	7036907	5.1	45.8	0.2	35.4	23.9	68	0.5	4.1	0.2	265	0.2	0.03
1213924	Soil	Sand	B	70	Subtle Slope	547625	7036880												
1213925	Soil	Sand	C	90	Subtle Slope	547597	7036852	11.5	128.7	0.3	32.9	64.5	159	0.8	11.9	0.2	182	0.05	0.02

Flume Soil Sample Data 2011

Sample #	SampleType	Soil Texture	Soil Horizon	Sample Depth	Terrain	Easting	Northing	Au (ppb) ICPMS	As (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	Th (ppm)	Bi (ppm)	Ba (ppm)	W (ppm)	Hg (ppm)
1213926	Soil	Sand	B	70	Subtle Slope	547571	7036824	5.1	20.1	0.3	29	85.9	238	0.6	2.1	0.2	217	0.2	0.04
1213927	Soil	Sand	B	80	Subtle Slope	547540	7036796	5.6	13.6	0.1	24.8	13.7	52	0.5	2.1	0.2	251	0.2	0.04
1213928	Soil	Sand	B	90	Subtle Slope	547511	7036768	5.6	26.9	0.2	41.9	19.6	59	0.7	2.5	0.2	268	0.2	0.05
1213929	Soil	Sand	B	60	Subtle Slope	547485	7036739	9.9	41	0.3	37.7	37.9	73	0.6	2.8	0.2	247	0.1	0.04
1213930	Soil	Sand	B	50	Subtle Slope	547461	7036707	18.7	105.5	0.2	37.2	58.1	100	0.4	3.4	0.2	239	0.2	0.03
1213931	Soil	Sand	B	70	Subtle Slope	547433	7036680	5.5	23.2	0.2	30.6	28.9	65	0.4	1.4	0.2	340	0.2	0.03
1213936	Soil	Sand	B	50	Pronounced Slope	549107	7036108	18	142.3	0.3	18.5	17.5	63	0.5	3	0.2	136	0.2	0.04
1213937	Soil	Sand	C	70	Pronounced Slope	549136	7036135	32.3	365.8	0.4	34.3	30.5	97	1.1	5.6	0.3	153	0.2	0.03
1213938	Soil	Sand	C	50	Pronounced Slope	549164	7036165	69.6	422.2	0.4	30.8	85.6	142	1	3.9	0.3	175	0.2	0.03
1213939	Soil	Sand	C	90	Pronounced Slope	549191	7036194	237.5	350.1	0.8	34.3	74.7	126	1.1	4.7	0.2	325	0.2	0.05
1213940	Soil	Sand	B	50	Pronounced Slope	549218	7036223	23.9	139	0.4	26.1	32.4	97	0.6	4.8	0.2	331	0.1	0.05
1213941	Soil	Sand	B	60	Pronounced Slope	549247	7036251	24.9	153.4	0.4	29.9	39.7	118	0.8	7.1	0.2	377	0.2	0.04
1213942	Soil	Sand	C	70	Pronounced Slope	549275	7036279	40.9	316.3	0.3	32	59.6	132	0.7	7.4	0.2	515	0.2	0.02
1213943	Soil	Sand	B	60	Pronounced Slope	549303	7036308	9.6	114.1	0.3	24.5	29	96	0.5	6.1	0.2	343	0.1	0.03
1213944	Soil	Sand	B	60	Pronounced Slope	549332	7036336	8.8	71.6	0.3	24.8	19.8	86	0.4	7.1	0.2	410	0.1	0.03
1213945	Soil	Sand	B	50	Pronounced Slope	549359	7036365	1.9	43.8	0.2	24.9	19.1	90	0.4	7.6	0.2	376	0.1	0.02
1213946	Soil	Sand	B	50	Pronounced Slope	549389	7036393	7.2	88.4	0.2	27.7	23.5	95	0.6	9.5	0.2	340	0.1	0.04
1213947	Soil	Sand	B	40	Pronounced Slope	549417	7036422	10.3	100.2	0.3	28.4	21.7	92	0.5	8.8	0.2	321	0.1	0.04
1257601	Soil	Sand	C	30	Subtle Slope	546803	7037295	1.7	4.8	0.05	8.4	7.4	37	0.3	2.4	0.2	103	0.1	0.03
1257602	Soil	Sand	C	60	Subtle Slope	546832	7037324	1.9	7.1	0.05	21.5	11.9	56	0.3	6.3	0.2	518	0.1	0.03
1257603	Soil	Sand	C	40	Subtle Slope	546858	7037352	0.25	5.4	0.05	11.9	10.6	36	0.5	1.8	0.2	106	0.1	0.03
1257604	Soil	Sand	C	40	Subtle Slope	546885	7037383	1.5	5.3	0.05	14.2	8	52	0.3	1.8	0.1	179	0.1	0.03
1257605	Soil	Sand	C	40	Subtle Slope	546912	7037411	0.25	6.7	0.05	18.7	10.7	62	0.4	6.1	0.2	263	0.1	0.02
1257606	Soil	Sand	C	50	Subtle Slope	546940	7037439	0.25	7	0.05	16.3	10.1	55	0.3	6.7	0.2	240	0.1	0.03
1257607	Soil	Sand	C	50	Subtle Slope	546968	7037468	1.7	5.8	0.05	16.6	9.1	55	0.4	5.7	0.2	224	0.2	0.02
1257608	Soil	Sand	C	50	Subtle Slope	546998	7037497	2.7	4.8	0.05	16.1	8.2	58	0.3	6.3	0.2	254	0.1	0.01
1257609	Soil	Sand	C	40	Subtle Slope	547026	7037526	3.3	5.1	0.05	18.4	7.3	54	0.3	5.8	0.1	238	0.2	0.005
1257610	Soil	Sand	C	50	Subtle Slope	547053	7037555	1.1	5	0.05	12.9	8.8	51	0.3	5.6	0.2	252	0.1	0.02
1257611	Soil	Sand	C	50	Subtle Slope	547081	7037583	1.3	4.9	0.05	13.1	8.8	58	0.3	6.2	0.2	316	0.1	0.02
1257612	Soil	Sand	C	60	Subtle Slope	547108	7037610	1.7	4.9	0.05	12.8	8.4	73	0.4	5.1	0.1	278	0.1	0.02
1257613	Soil	Sand	C	80	Subtle Slope	547136	7037641	1.7	6.1	0.05	15	9.9	57	0.3	4.6	0.1	293	0.2	0.02
1257614	Soil	Sand	C	70	Subtle Slope	547164	7037669	2.9	4.3	0.2	60.8	46.8	653	0.3	3.9	0.2	229	0.2	0.02
1257615	Soil	Sand	C	80	Subtle Slope	547193	7037698	9.3	7.9	0.1	28.8	30.2	179	0.4	4.5	0.2	264	0.1	0.03
1257616	Soil	Sand	O	60	Subtle Slope	547219	7037727	9.2	14.5	0.2	18.7	16.1	100	0.4	4.1	0.2	276	0.1	0.05
1257617	Soil	Sand	C	70	Subtle Slope	547246	7037755	7.7	17	0.3	19.6	22.8	84	0.3	2.5	0.2	274	0.2	0.03
1257618	Soil	Clay	C	60	Subtle Slope	547275	7037784	2.9	17	0.2	21.5	16.4	104	0.3	2.4	0.2	334	0.2	0.04
1257619	Soil	Clay	C	70	Subtle Slope	547305	7037813	8.8	86.6	0.3	21.6	17	171	0.4	2.3	0.2	317	0.2	0.05
1257620	Soil	Sand	C	50	Subtle Slope	547331	7037842	10.3	116	0.4	31.6	21.2	217	0.6	4.8	0.2	211	0.2	0.04
1257621	Soil	Sand	C	70	Subtle Slope	547362	7037869	12.5	154.5	0.2	19.8	23.4	81	0.6	4.7	0.2	163	0.3	0.04
1257622	Soil	Sand	C	70	Subtle Slope	547388	7037898	9.8	152.5	0.2	18	19.5	58	0.5	2.7	0.2	135	0.2	0.03
1257623	Soil	Sand	C	50	Subtle Slope	547417	7037926	17.6	199.7	0.3	21.4	23.2	70	0.9	3.4	0.2	360	0.3	0.05
1257624	Soil	Sand	C	70	Subtle Slope	547446	7037954	10.6	83.7	0.2	26.2	14.8	55	0.5	2.4	0.2	193	0.3	0.05
1257625	Soil	Sand	C	60	Subtle Slope	547472	7037980	8	44.8	0.2	14	25.6	67	0.5	5	0.2	137	0.3	0.04
1257626	Soil	Clay	B	40	Subtle Slope	547500	7038008	19.7	161.9	2.5	58.2	67.2	83	0.8	0.7	0.2	1948	0.2	0.11
1257627	Soil	Sand	C	40	Subtle Slope	547529	7038037	9.6	167.1	1.2	40.3	97.1	85	0.9	3.3	0.3	958	0.2	0.08
1257628	Soil	Sand	C	60	Subtle Slope	547556	7038067	7.5	130.8	0.4	30.8	34.9	86	0.9	6.2	0.1	429	0.1	0.03
1257630	Soil	Sand	C	60	Subtle Slope	547583	7038096	7.8	109.5	0.4	28.4	27.3	75	0.8	5.2	0.1	348	0.2	0.04
1257631	Soil	Sand	C	40	Subtle Slope	547613	7038124	9.7	201.6	0.3	35.5	31.7	98	1.1	5	0.2	386	0.2	0.02
1257632	Soil	Sand	C	40	Subtle Slope	547639	7038152	7.7	195.5	0.2	35.6	56	96	1.2	9.4	0.2	334	0.1	0.02
1257633	Soil	Sand	C	60	Subtle Slope	547585	7038208	5.2	73.9	0.3	31	45	81	0.6	7.6	0.1	198	0.05	0.02
1257634	Soil	Sand	C	50	Subtle Slope	547555	7038180	7.6	152.5	0.6	34.3	74.1	106	0.8	3.6	0.2	258	0.05	0.03
1257636	Soil	Sand	B	30	Subtle Slope	546858	7037240	1.8	4.4	0.2	16.5	11.5	43	0.3	0.9	0.3	222	0.1	0.04
1257637	Soil	Sand	B	30	Subtle Slope	546886	7037269	1.5	6.9	0.05	15.2	10.1	78	0.4	6.4	0.3	210	0.1	0.01
1257638	Soil	Sand	B	30	Subtle Slope	546914	7037298	0.25	4.2	0.05	11.8	7.3	43	0.3	2.4	0.2	245	0.2	0.02
1257639	Soil	Sand	B	30	Subtle Slope	546943	7037324	2.1	3.2	0.1	11.5	7.2	33	0.3	1.1	0.2	192	0.05	0.03
1257640	Soil	Sand	B	40	Subtle Slope	546971	7037354	0.25	3.5	0.05	15.2	6.7	47	0.3	2.8	0.2	178	0.1	0.02
1257641	Soil	Sand	B	20	Subtle Slope	546998	7037384	2.2	1.6	0.1	13.6	6	20	0.3	0.5	0.2	129	0.05	0.02
1257642	Soil	Sand	B	40	Subtle Slope	547027	7037412	1.5	4.5	0.05	17.6	8.4	54	0.3	6.1	0.2	373	0.2	0.02
1257643	Soil	Sand	B	40	Subtle Slope	547054	7037438	1.9	5.2	0.2	22.4	10.2	58	0.4	3.1	0.3	475	0.1	0.07
1257644	Soil	Sand	B	60	Subtle Slope	547081	7037467	0.25	4.9	0.1	18.4	8.8	59	0.4	5.1	0.3	387	0.1	0.02

Flume Soil Sample Data 2011

Sample #	SampleType	Soil Texture	Soil Horizon	Sample Depth	Terrain	Easting	Northing	Au (ppb) ICPMS	As (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	Th (ppm)	Bi (ppm)	Ba (ppm)	W (ppm)	Hg (ppm)
1257645	Soil	Sand	B	50	Subtle Slope	547109	7037496	2.3	4.5	0.05	14.1	8.1	54	0.3	5.2	0.2	323	0.2	0.03
1257646	Soil	Sand	B	70	Subtle Slope	547136	7037525	3.6	5.8	0.2	19.3	9	59	0.4	4.2	0.2	378	0.2	0.03
1257647	Soil	Sand	C	70	Subtle Slope	547165	7037554	219.8	7.5	0.6	16.6	19.2	107	0.3	4.3	0.8	266	0.2	0.03
1257648	Soil	Sand	B	70	Pronounced Slope	547193	7037582	5.1	9.1	0.2	17.3	11.2	101	0.3	3.7	0.2	318	0.2	0.05
1257649	Soil	Sand	B	70	Pronounced Slope	547222	7037610	2.4	5.8	0.1	17.4	16.1	122	0.3	3.8	0.2	248	0.2	0.04
1257650	Soil	Sand	B	70	Pronounced Slope	547251	7037639	13.1	68.8	0.4	19.3	20	85	0.4	2	0.2	237	0.2	0.06
1257651	Soil	Sand	B	5	Subtle Slope	547276	7037668	11.4	49	0.1	23.2	13.2	74	0.5	4	0.2	232	0.2	0.03
1257652	Soil	Sand	B	70	Subtle Slope	547305	7037697	11.1	69	0.2	17.9	26.2	75	0.5	2	0.2	134	0.1	0.04
1257653	Soil	Sand	B	50	Subtle Slope	547334	7037725	10	51.8	0.2	17.2	13.2	59	0.5	2.8	0.2	141	0.2	0.03
1257654	Soil	Sand	B	50	Subtle Slope	547362	7037753	13.9	89.8	0.2	15.3	12.8	49	0.4	2	0.2	101	0.2	0.05
1257655	Soil	Sand	B	70	Subtle Slope	547390	7037782	8.3	79.8	0.2	16.6	13.6	44	0.4	1.3	0.2	113	0.2	0.04
1257656	Soil	Sand	B	50	Subtle Slope	547418	7037811	12.4	68.2	0.2	14.6	16.3	50	0.4	1.8	0.2	122	0.2	0.03
1257657	Soil	Sand	B	50	Subtle Slope	547446	7037839	9.4	57	0.2	16.6	16	52	0.4	1.4	0.2	164	0.2	0.03
1257658	Soil	Sand	B	40	Subtle Slope	547475	7037867	7.3	268.7	0.2	21.4	19.3	63	0.5	4.4	0.2	194	0.2	0.03
1257659	Soil	Sand	B	70	Subtle Slope	547502	7037897	33.6	184.3	0.2	27	16.3	71	0.7	5.2	0.2	286	0.2	0.04
1257661	Soil	Sand	B	70	Subtle Slope	547532	7037925	174.2	44.7	0.2	22.2	27.8	74	0.5	6.8	0.2	170	0.3	0.04
1257662	Soil	Sand	B	50	Subtle Slope	547557	7037953	4.7	31.4	0.2	15.5	22.2	60	0.3	2.2	0.2	138	0.3	0.05
1257663	Soil	Sand	C	50	Subtle Slope	547587	7037983	3.5	87.5	0.8	29.9	28	85	0.8	4.1	0.3	250	0.1	0.03
1257664	Soil	Sand	C	30	Subtle Slope	547614	7038012	8.1	134.3	0.5	41.8	24.3	108	1.1	4	0.2	341	0.1	0.04
1257665	Soil	Sand	C	40	Subtle Slope	547641	7038039	3.4	163.4	0.3	45.3	28.1	119	1.4	4.9	0.2	280	0.1	0.02
1257666	Soil	Sand	C	40	Subtle Slope	547670	7038068	4.2	137.5	0.2	29.4	25.4	98	1	3.3	0.2	229	0.1	0.01
1257667	Soil	Sand	C	40	Subtle Slope	547699	7038098	6	260.7	0.3	47.4	26.9	139	1.6	4.9	0.2	328	0.1	0.02
2555555	Soil	Sand	B	50	Subtle Slope	546915	7037184												

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

www.acmelab.com

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

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: October 14, 2011
Report Date: December 07, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS DAW11000551.1

CLIENT JOB INFORMATION

Project: FLU
Shipment ID: FLU2011-01
P.O. Number
Number of Samples: 320

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
PICKUP-RJT Client to Pickup Rejects

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

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

ADDITIONAL COMMENTS

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

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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www.acmelab.com

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Project: FLU
Report Date: December 07, 2011

CERTIFICATE OF ANALYSIS DAW11000551.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1213913	Soil	1.2	25.2	17.5	81	0.1	25.3	11.4	403	3.42	26.7	0.9	5.0	6.0	28	0.2	0.5	0.2	70	0.45	0.098
1213917	Soil	1.2	38.1	18.7	67	<0.1	29.5	11.6	482	2.94	106.7	1.0	30.9	5.0	21	0.2	0.7	0.2	55	0.23	0.027
1213918	Soil	1.4	41.8	23.4	98	0.1	40.8	17.4	592	3.91	75.6	1.4	17.9	8.0	19	0.2	0.6	0.2	68	0.25	0.049
1213916	Soil	2.0	38.4	34.5	87	0.4	30.1	11.5	456	3.50	135.4	1.2	55.6	7.0	19	0.3	0.8	0.2	64	0.14	0.031
1213914	Soil	0.9	31.2	15.7	75	0.1	28.6	13.6	454	3.46	31.0	1.1	7.1	8.4	23	0.2	0.4	0.2	64	0.27	0.051
1213920	Soil	1.6	48.3	56.5	95	0.1	33.3	14.0	434	3.41	102.4	1.5	46.2	7.8	24	0.2	0.6	0.2	55	0.20	0.023
1213923	Soil	0.8	35.4	23.9	68	0.2	24.7	11.1	407	2.89	45.8	0.9	5.1	4.1	29	0.2	0.5	0.2	59	0.51	0.033
1213919	Soil	1.4	42.3	41.2	114	0.2	35.4	15.8	506	3.59	99.5	1.2	57.9	6.2	25	0.5	0.8	0.2	71	0.30	0.042
1213915	Soil	1.4	25.6	25.7	68	0.2	23.7	10.0	465	2.91	55.9	1.0	18.6	5.0	25	0.2	0.6	0.2	59	0.28	0.029
1213924	Soil	0.7	28.4	32.0	67	0.2	22.0	12.4	567	2.63	56.7	1.1	3.5	2.7	45	0.3	0.5	0.2	54	0.97	0.042
1213921	Soil	1.4	39.4	21.6	73	<0.1	28.0	12.6	470	3.27	39.8	1.5	8.6	6.3	21	<0.1	0.6	0.3	68	0.21	0.017
1213922	Soil	1.4	33.3	20.4	67	<0.1	27.2	12.0	465	3.28	62.1	0.7	2.0	7.0	13	<0.1	0.5	0.3	56	0.17	0.034
1213707	Soil	1.4	18.9	28.1	75	<0.1	19.9	10.0	350	2.80	28.8	2.0	7.8	20.4	20	0.1	0.5	0.3	48	0.23	0.062
1213710	Soil	2.5	36.6	52.3	79	0.6	30.4	6.9	278	2.08	206.6	1.9	13.8	2.5	24	0.3	0.8	0.2	38	0.16	0.052
1213711	Soil	0.7	10.7	13.8	50	0.3	15.7	4.6	140	1.63	58.3	0.8	15.3	2.6	24	0.2	0.3	0.2	24	0.26	0.054
1213708	Soil	1.5	16.4	36.1	86	<0.1	22.6	9.3	323	2.92	52.2	1.5	10.5	20.5	21	0.1	0.4	0.2	51	0.25	0.069
1213925	Soil	0.6	32.9	64.5	159	0.3	31.5	14.8	490	3.48	128.7	1.3	11.5	11.9	28	1.2	0.8	0.2	37	0.75	0.051
1213926	Soil	0.7	29.0	85.9	238	0.3	24.0	9.7	414	2.37	20.1	0.7	5.1	2.1	49	3.3	0.6	0.2	47	1.35	0.053
1213927	Soil	0.5	24.8	13.7	52	0.1	24.1	9.6	491	2.20	13.6	0.7	5.6	2.1	49	0.3	0.5	0.2	46	1.29	0.059
1213929	Soil	0.6	37.7	37.9	73	0.3	24.8	11.3	472	2.77	41.0	1.2	9.9	2.8	38	0.3	0.6	0.2	55	0.92	0.047
1213930	Soil	0.4	37.2	58.1	100	0.2	24.5	12.6	473	2.99	105.5	0.9	18.7	3.4	32	0.5	0.4	0.2	57	0.93	0.042
1213928	Soil	0.8	41.9	19.6	59	0.2	23.8	11.4	452	2.69	26.9	2.9	5.6	2.5	45	0.2	0.7	0.2	57	1.32	0.055
1213931	Soil	0.4	30.6	28.9	65	0.2	20.3	10.7	552	2.43	23.2	1.1	5.5	1.4	52	0.5	0.4	0.2	52	1.52	0.048
1213904	Soil	1.4	15.7	17.8	62	<0.1	18.2	10.9	758	3.04	7.8	0.5	1.0	5.1	11	0.3	0.4	0.2	61	0.10	0.020
1213905	Soil	0.8	13.7	10.7	60	<0.1	11.1	9.1	352	2.95	4.8	1.1	1.4	11.4	10	<0.1	0.4	0.1	45	0.08	0.019
1213910	Soil	0.7	14.9	21.9	73	<0.1	15.3	13.7	691	3.40	4.6	1.1	2.1	7.5	23	<0.1	0.4	0.2	63	0.27	0.026
1213909	Soil	0.8	12.7	10.7	64	<0.1	15.6	10.3	381	3.11	4.9	0.7	1.3	6.5	19	<0.1	0.3	0.1	61	0.20	0.025
1213912	Soil	0.8	10.8	11.9	70	<0.1	8.6	10.1	664	3.63	5.7	1.0	1.9	8.5	16	0.1	0.4	0.2	46	0.19	0.033
1213901	Soil	0.9	16.9	11.4	47	<0.1	26.2	12.3	369	3.15	9.2	0.8	2.0	5.8	12	0.1	0.6	0.2	58	0.10	0.031
1213908	Soil	0.9	11.7	10.5	67	<0.1	17.4	12.4	476	3.60	5.2	0.6	0.8	3.4	17	<0.1	0.3	0.1	75	0.18	0.030

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

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

Project: FLU
Report Date: December 07, 2011

CERTIFICATE OF ANALYSIS DAW11000551.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1213913	Soil		19	49	0.92	235	0.033	<1	2.17	0.008	0.08	0.1	0.01	4.0	0.1	<0.05	7	<0.5	<0.2
1213917	Soil		18	38	0.63	219	0.045	<1	1.71	0.010	0.05	0.1	0.03	4.6	<0.1	<0.05	5	<0.5	<0.2
1213918	Soil		31	66	1.20	200	0.090	<1	2.24	0.007	0.22	<0.1	0.01	4.7	0.2	<0.05	6	<0.5	<0.2
1213916	Soil		24	43	0.62	239	0.027	<1	2.45	0.008	0.06	0.1	0.03	3.4	0.1	<0.05	6	0.5	<0.2
1213914	Soil		29	57	0.91	299	0.057	<1	2.17	0.008	0.08	0.1	0.02	4.6	0.1	<0.05	6	<0.5	<0.2
1213920	Soil		27	46	0.77	225	0.065	<1	2.01	0.009	0.11	0.1	0.04	5.2	0.2	<0.05	5	0.7	<0.2
1213923	Soil		15	35	0.67	265	0.047	<1	1.88	0.012	0.05	0.2	0.03	4.7	<0.1	<0.05	5	0.8	<0.2
1213919	Soil		21	53	0.95	229	0.067	<1	2.09	0.009	0.10	<0.1	0.02	4.3	0.1	<0.05	6	0.7	<0.2
1213915	Soil		17	36	0.59	276	0.033	<1	1.86	0.009	0.05	<0.1	0.02	3.6	<0.1	<0.05	5	0.5	<0.2
1213924	Soil		13	30	0.55	255	0.038	<1	1.75	0.014	0.05	0.1	0.04	3.7	<0.1	<0.05	5	<0.5	<0.2
1213921	Soil		22	43	0.69	229	0.066	<1	2.28	0.011	0.06	<0.1	0.03	6.1	0.1	<0.05	6	<0.5	<0.2
1213922	Soil		18	36	0.70	154	0.059	<1	2.01	0.006	0.14	<0.1	0.01	3.1	0.1	<0.05	6	<0.5	<0.2
1213707	Soil		37	31	0.52	139	0.053	<1	1.82	0.009	0.11	0.1	0.02	2.9	0.2	<0.05	5	0.6	<0.2
1213710	Soil		29	36	0.33	216	0.029	1	1.08	0.010	0.08	0.1	0.03	1.8	0.1	<0.05	5	1.1	<0.2
1213711	Soil		17	28	0.41	117	0.044	<1	1.22	0.010	0.05	0.1	0.05	2.0	0.1	0.07	5	0.9	<0.2
1213708	Soil		36	43	0.62	149	0.063	<1	1.75	0.009	0.12	0.1	0.02	2.7	0.2	<0.05	6	0.7	<0.2
1213925	Soil		28	31	0.78	182	0.069	<1	1.85	0.009	0.27	<0.1	0.02	3.0	0.3	<0.05	5	0.6	<0.2
1213926	Soil		13	27	0.54	217	0.048	1	1.46	0.018	0.05	0.2	0.04	3.4	<0.1	<0.05	4	1.0	<0.2
1213927	Soil		13	25	0.48	251	0.051	2	1.38	0.020	0.05	0.2	0.04	3.2	<0.1	<0.05	4	0.7	<0.2
1213929	Soil		17	33	0.71	247	0.036	<1	1.84	0.015	0.06	0.1	0.04	5.3	<0.1	<0.05	5	0.8	<0.2
1213930	Soil		14	38	0.86	239	0.043	1	1.75	0.011	0.09	0.2	0.03	4.9	<0.1	<0.05	5	0.7	<0.2
1213928	Soil		17	34	0.69	268	0.042	1	1.96	0.014	0.06	0.2	0.05	5.3	<0.1	<0.05	5	1.0	<0.2
1213931	Soil		13	28	0.61	340	0.039	2	1.62	0.015	0.05	0.2	0.03	3.5	<0.1	<0.05	5	<0.5	<0.2
1213904	Soil		16	28	0.46	185	0.035	<1	2.01	0.008	0.06	0.1	0.02	2.5	0.1	<0.05	7	0.5	<0.2
1213905	Soil		29	20	0.52	139	0.040	1	1.92	0.007	0.14	0.1	<0.01	3.1	0.1	<0.05	6	<0.5	<0.2
1213910	Soil		31	28	0.84	461	0.044	1	2.29	0.009	0.11	<0.1	0.02	4.4	0.1	<0.05	8	<0.5	<0.2
1213909	Soil		18	29	0.76	523	0.055	2	2.04	0.009	0.11	<0.1	0.01	4.0	0.1	<0.05	7	<0.5	<0.2
1213912	Soil		21	16	0.84	230	0.026	2	2.15	0.007	0.13	<0.1	0.01	2.6	0.1	<0.05	8	<0.5	<0.2
1213901	Soil		11	34	0.42	213	0.040	<1	2.70	0.009	0.06	0.1	0.02	3.4	0.1	<0.05	6	<0.5	<0.2
1213908	Soil		12	39	0.84	314	0.041	2	2.13	0.007	0.14	0.1	0.02	4.0	<0.1	<0.05	8	<0.5	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1213907	Soil	0.7	12.1	15.4	54	<0.1	10.3	7.9	359	2.59	3.8	1.0	1.8	11.4	18	<0.1	0.4	0.1	36	0.17	0.017
1213902	Soil	1.0	9.9	13.6	70	0.1	9.8	8.3	314	3.04	4.9	0.7	<0.5	11.0	9	0.1	0.4	0.2	44	0.09	0.036
1213906	Soil	0.9	20.0	11.6	55	<0.1	20.6	9.2	333	2.77	7.5	1.1	2.5	6.9	18	<0.1	0.5	0.1	54	0.16	0.019
1213911	Soil	0.4	13.6	12.2	72	<0.1	20.0	13.0	603	3.29	4.0	1.2	7.0	8.9	19	<0.1	0.4	0.1	51	0.28	0.038
1213903	Soil	0.8	12.3	12.3	46	<0.1	10.3	7.2	295	2.14	5.2	0.6	2.7	9.1	10	<0.1	0.3	0.1	34	0.07	0.013
1213727	Soil	1.0	24.8	13.6	60	0.1	28.0	12.1	378	3.18	32.2	0.9	15.3	6.7	15	0.1	0.5	0.2	57	0.14	0.029
1213730	Soil	1.8	18.0	14.3	62	<0.1	15.7	7.8	535	2.47	6.0	1.8	5.7	10.1	18	0.3	0.4	0.2	43	0.26	0.045
1213731	Soil	2.3	34.4	24.2	76	0.2	21.2	8.9	586	2.98	8.2	2.0	4.4	5.2	28	0.1	0.4	0.3	58	0.36	0.053
1213728	Soil	7.3	57.5	33.8	223	0.1	61.3	15.8	808	3.43	190.2	1.3	49.8	2.5	16	0.7	1.0	0.2	103	0.21	0.113
1213732	Soil	1.0	16.3	13.0	59	<0.1	15.0	7.2	338	2.42	6.1	1.2	5.4	8.8	16	0.1	0.3	0.1	45	0.21	0.051
1213726	Soil	0.7	26.6	10.1	57	0.1	34.5	14.8	439	3.51	21.0	1.0	6.8	3.7	21	0.1	0.4	0.1	68	0.36	0.080
1213725	Soil	1.0	21.5	15.3	48	<0.1	19.8	9.1	373	3.05	58.0	0.9	33.9	3.1	12	0.2	0.5	0.2	52	0.14	0.033
1213729	Soil	1.7	21.9	18.4	60	0.2	17.2	8.5	578	2.53	7.0	2.1	6.4	7.9	21	0.1	0.4	0.1	43	0.29	0.064
1213718	Soil	1.9	37.3	22.8	103	0.3	31.9	15.7	476	3.47	199.9	1.4	14.3	13.1	20	0.2	0.5	0.2	49	0.30	0.069
1213717	Soil	1.8	33.3	23.7	87	0.3	25.0	12.2	339	2.97	98.8	1.5	15.9	8.6	23	0.3	0.4	0.2	47	0.29	0.069
1213713	Soil	2.3	23.5	24.9	82	0.5	23.4	7.6	258	2.26	86.2	1.7	10.9	8.6	24	0.1	0.4	0.2	40	0.30	0.088
1213716	Soil	2.4	35.3	28.8	103	0.3	26.8	14.4	598	3.31	125.0	1.8	7.3	12.6	23	0.4	0.5	0.2	51	0.34	0.092
1213714	Soil	1.1	35.0	40.3	103	0.6	26.7	7.9	180	2.28	91.7	3.5	22.0	12.9	24	0.6	0.5	0.2	39	0.30	0.061
1213722	Soil	2.4	40.5	24.3	84	0.3	33.9	10.9	440	2.99	331.1	2.6	38.7	5.3	19	0.3	0.6	0.2	54	0.24	0.047
1213720	Soil	1.5	30.8	22.4	70	0.3	24.0	9.9	314	2.67	333.0	1.6	99.7	5.5	20	0.1	0.6	0.2	51	0.27	0.046
1213721	Soil	1.5	26.2	17.1	67	0.2	26.2	10.8	365	2.93	327.6	1.2	47.7	5.3	18	0.2	0.5	0.2	54	0.22	0.048
1213723	Soil	1.4	37.0	31.3	74	0.2	28.7	11.5	559	2.88	170.5	1.9	44.1	6.4	21	0.2	0.6	0.2	54	0.23	0.048
1213719	Soil	1.7	31.8	23.9	74	0.2	25.7	10.5	391	2.78	331.3	1.6	36.5	6.9	21	0.3	0.6	0.2	53	0.29	0.049
1213724	Soil	1.7	40.1	24.2	65	0.2	25.5	13.6	583	3.25	294.3	1.2	163.0	8.5	12	0.3	0.6	0.2	49	0.13	0.034
1213715	Soil	1.9	29.7	23.9	84	0.3	21.9	8.7	246	2.77	96.5	1.7	10.5	8.8	19	0.3	0.4	0.2	49	0.25	0.063
1213702	Soil	1.1	23.6	27.1	82	0.1	22.4	11.7	418	2.91	34.4	2.3	3.6	14.6	30	0.2	0.4	0.2	53	0.39	0.078
1213701	Soil	1.1	23.9	18.3	61	0.1	25.0	10.6	300	2.66	44.8	1.6	14.0	6.2	20	0.2	0.4	0.2	59	0.23	0.042
1213703	Soil	0.9	23.8	15.8	64	0.1	25.0	10.5	269	2.76	29.0	1.9	5.8	11.3	26	0.1	0.4	0.1	57	0.29	0.042
1213704	Soil	1.6	35.2	25.7	123	0.1	41.7	20.6	658	4.27	44.7	2.8	7.1	18.9	45	0.1	0.4	0.1	74	0.72	0.168
1213706	Soil	1.1	25.7	46.8	96	<0.1	30.9	13.8	431	3.71	94.7	1.7	4.2	11.8	14	0.2	0.4	0.2	54	0.13	0.017

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

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

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1213907	Soil	25	17	0.32	412	0.013	1	1.52	0.007	0.11	<0.1	0.01	3.0	0.2	<0.05	4	<0.5	<0.2
1213902	Soil	36	18	0.49	99	0.011	2	2.13	0.007	0.10	<0.1	0.01	2.7	0.1	<0.05	7	<0.5	<0.2
1213906	Soil	19	31	0.51	464	0.046	2	2.00	0.009	0.08	0.1	0.03	4.0	<0.1	<0.05	5	0.7	<0.2
1213911	Soil	28	46	1.00	439	0.044	2	2.05	0.007	0.12	<0.1	<0.01	4.1	0.1	<0.05	7	0.6	<0.2
1213903	Soil	28	17	0.36	152	0.011	1	1.73	0.006	0.09	0.1	0.02	2.2	0.2	<0.05	5	<0.5	<0.2
1213727	Soil	14	34	0.58	154	0.057	<1	2.28	0.009	0.06	0.2	0.04	3.5	0.1	<0.05	5	0.6	<0.2
1213730	Soil	26	24	0.51	146	0.049	2	1.46	0.014	0.06	0.1	0.01	3.6	<0.1	<0.05	5	0.9	<0.2
1213731	Soil	22	34	0.57	196	0.036	1	2.20	0.015	0.09	0.1	0.03	3.8	0.1	<0.05	8	<0.5	<0.2
1213728	Soil	15	47	0.64	104	0.036	1	1.55	0.009	0.08	0.2	0.02	3.5	<0.1	<0.05	7	1.3	<0.2
1213732	Soil	20	22	0.52	131	0.052	2	1.56	0.012	0.07	0.1	0.02	2.7	<0.1	<0.05	5	0.6	<0.2
1213726	Soil	14	46	0.68	273	0.067	<1	2.13	0.013	0.10	0.1	0.03	4.9	<0.1	<0.05	6	<0.5	<0.2
1213725	Soil	17	26	0.45	141	0.037	<1	1.75	0.009	0.04	0.1	0.02	2.7	0.1	<0.05	6	<0.5	<0.2
1213729	Soil	25	26	0.45	203	0.021	<1	1.72	0.012	0.07	0.1	0.04	3.8	<0.1	<0.05	6	<0.5	<0.2
1213718	Soil	29	39	0.83	215	0.083	1	1.97	0.011	0.30	<0.1	<0.01	3.0	0.3	<0.05	6	0.6	<0.2
1213717	Soil	20	36	0.76	244	0.067	<1	1.67	0.013	0.17	0.1	0.02	2.8	0.2	<0.05	6	<0.5	<0.2
1213713	Soil	25	58	0.76	142	0.063	<1	1.43	0.010	0.16	0.1	0.03	2.2	0.2	<0.05	6	0.8	<0.2
1213716	Soil	26	34	0.77	194	0.072	1	1.70	0.010	0.18	0.1	0.02	2.9	0.2	<0.05	6	0.6	<0.2
1213714	Soil	45	37	0.58	215	0.048	<1	1.55	0.012	0.09	0.1	0.04	3.4	0.2	<0.05	5	0.5	<0.2
1213722	Soil	18	36	0.58	190	0.051	1	1.96	0.013	0.06	0.1	0.03	4.1	0.1	<0.05	6	<0.5	<0.2
1213720	Soil	18	31	0.57	272	0.046	<1	1.76	0.014	0.07	0.2	0.03	4.0	<0.1	<0.05	5	<0.5	<0.2
1213721	Soil	14	33	0.57	183	0.055	<1	2.00	0.012	0.07	0.1	0.02	3.7	0.1	<0.05	6	<0.5	<0.2
1213723	Soil	20	35	0.56	256	0.059	<1	1.93	0.020	0.07	0.1	0.05	5.4	0.1	<0.05	5	<0.5	<0.2
1213719	Soil	20	34	0.61	283	0.050	2	1.80	0.013	0.09	0.1	0.03	4.3	0.1	<0.05	5	<0.5	<0.2
1213724	Soil	24	28	0.51	121	0.034	<1	1.81	0.007	0.06	<0.1	0.02	3.1	0.1	<0.05	6	<0.5	<0.2
1213715	Soil	21	32	0.65	186	0.056	<1	1.56	0.008	0.11	0.1	0.02	2.6	0.2	<0.05	6	0.6	<0.2
1213702	Soil	38	48	0.88	267	0.102	1	1.77	0.016	0.23	0.1	0.01	3.6	0.2	<0.05	6	<0.5	<0.2
1213701	Soil	19	36	0.56	281	0.071	<1	1.86	0.013	0.06	0.1	0.03	3.2	0.1	<0.05	5	<0.5	<0.2
1213703	Soil	29	49	0.69	276	0.085	1	1.84	0.015	0.10	0.1	0.03	4.7	0.2	<0.05	6	0.8	<0.2
1213704	Soil	48	169	2.00	396	0.132	<1	2.83	0.011	0.61	0.1	0.02	7.1	0.6	<0.05	9	0.6	<0.2
1213706	Soil	20	53	0.83	191	0.147	<1	2.29	0.012	0.50	<0.1	0.02	3.1	0.7	<0.05	7	<0.5	<0.2

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

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

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1213607	Soil	1.0	27.7	23.8	73	0.3	21.8	11.7	576	2.80	37.6	1.8	34.6	6.2	33	0.3	0.5	0.2	52	0.50	0.062
1213712	Soil	1.3	19.7	27.0	73	0.3	20.6	5.9	168	2.26	73.1	1.5	18.2	7.6	19	0.2	0.4	0.2	45	0.26	0.066
1213705	Soil	1.2	25.5	15.7	63	<0.1	55.4	15.9	304	3.24	30.4	0.9	1.1	4.6	29	0.2	0.2	<0.1	90	0.42	0.122
1213709	Soil	1.8	13.1	24.8	70	<0.1	13.7	7.6	291	2.25	30.0	1.4	6.8	9.0	17	0.2	0.3	0.2	45	0.20	0.064
1213613	Soil	1.5	51.4	22.1	101	0.1	37.4	12.0	566	3.21	73.1	1.8	19.3	13.6	26	0.2	0.6	0.1	52	0.53	0.128
1213605	Soil	0.9	17.4	15.4	50	<0.1	18.3	8.5	343	2.41	7.1	1.0	2.3	7.2	32	0.2	0.4	0.3	50	0.38	0.015
1213612	Soil	0.9	42.7	20.6	106	<0.1	31.0	16.1	584	4.05	45.7	1.9	35.1	15.7	29	0.2	0.6	0.1	61	0.69	0.181
1213604	Soil	0.9	23.4	19.9	64	0.3	18.9	9.3	428	2.77	9.5	1.9	4.4	6.5	39	0.3	0.4	0.2	48	0.58	0.044
1213609	Soil	0.5	14.7	18.2	96	<0.1	15.5	14.6	979	4.08	6.8	1.4	4.0	9.2	19	0.1	0.3	<0.1	56	0.44	0.097
1213611	Soil	0.5	21.1	15.0	91	<0.1	15.3	10.2	634	3.71	22.0	1.5	12.4	11.9	26	0.3	0.3	<0.1	44	0.47	0.069
1213608	Soil	0.5	24.6	17.0	96	<0.1	14.0	11.7	755	3.96	7.2	1.5	6.4	13.6	24	<0.1	0.3	0.1	45	0.56	0.093
1213610	Soil	0.8	18.5	19.2	81	<0.1	17.4	11.1	529	3.00	22.3	1.3	7.7	7.8	26	0.3	0.4	0.1	53	0.36	0.043
1213606	Soil	0.8	21.7	12.8	54	<0.1	19.4	8.7	326	2.54	9.3	1.1	3.4	8.2	26	<0.1	0.5	0.4	50	0.31	0.014
1213615	Soil	1.4	40.6	26.7	102	0.1	30.7	10.6	491	3.04	104.9	1.5	10.3	8.4	25	0.3	0.6	0.3	46	0.39	0.080
1213617	Soil	1.8	42.0	88.7	110	0.5	22.5	12.7	661	3.66	234.3	2.6	112.8	17.2	37	0.5	0.8	0.3	25	0.54	0.125
1213619	Soil	2.4	61.3	21.7	131	0.3	52.2	20.1	858	4.62	139.9	1.9	30.6	6.6	40	0.5	0.8	0.4	86	0.60	0.090
1213616	Soil	1.1	30.3	17.0	67	0.3	29.9	10.3	447	2.52	63.4	2.3	12.3	4.1	37	0.2	0.6	0.2	47	0.54	0.063
1213614	Soil	1.2	32.0	29.4	78	0.2	27.0	11.5	422	2.84	58.9	1.4	8.5	4.2	29	0.2	0.6	0.2	54	0.42	0.061
1213618	Soil	1.8	57.9	40.7	92	0.2	33.4	11.6	478	3.18	160.3	1.6	46.5	10.2	23	0.3	0.7	0.3	44	0.32	0.055
1213623	Soil	1.4	41.3	23.8	88	0.4	22.2	13.1	610	3.08	39.0	1.5	34.4	5.8	43	0.2	0.6	0.3	49	0.65	0.066
1213622	Soil	1.4	38.4	21.8	83	0.6	25.3	11.3	380	3.17	57.9	2.2	34.0	4.2	47	0.4	0.6	0.2	51	0.82	0.081
1213621	Soil	1.1	28.7	20.2	76	0.4	23.1	9.7	495	2.67	32.4	1.7	14.4	2.7	57	0.3	0.5	0.2	48	1.09	0.077
1213620	Soil	0.5	23.7	17.3	73	0.3	18.3	8.0	198	1.75	16.7	1.4	8.8	3.4	35	0.3	0.4	0.2	41	0.84	0.052
1111832	Soil	0.7	31.5	11.6	54	0.2	26.5	10.3	538	2.60	13.6	0.6	1.7	1.7	46	0.1	0.6	0.2	58	1.30	0.052
1213602	Soil	0.9	68.6	15.4	63	0.1	24.4	15.7	1034	3.70	8.5	0.8	1.4	3.5	48	<0.1	0.5	0.2	39	2.03	0.074
1213601	Soil	1.2	71.9	14.5	62	0.1	19.6	16.2	1097	3.82	5.5	0.9	1.6	3.9	69	0.2	0.5	0.2	34	3.80	0.095
1213603	Soil	1.9	48.3	84.5	90	0.3	19.9	18.4	848	4.88	15.1	1.4	<0.5	6.1	37	0.2	0.6	1.1	54	0.72	0.116
1111834	Soil	0.6	28.7	12.1	53	0.1	26.4	10.5	430	2.47	14.4	0.4	2.4	2.6	48	0.1	0.5	0.2	55	1.47	0.043
1111835	Soil	0.7	27.4	13.8	58	0.1	27.1	11.3	508	2.65	10.9	0.5	2.4	2.4	44	0.2	0.5	0.2	53	1.07	0.038
1111833	Soil	0.4	27.3	11.4	55	0.1	24.4	10.2	497	2.61	13.0	0.5	2.7	1.8	35	0.2	0.4	0.2	56	1.11	0.056

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1213607	Soil	22	33	0.58	372	0.045	1	1.82	0.015	0.08	0.2	0.04	4.6	<0.1	<0.05	5	<0.5	<0.2
1213712	Soil	21	48	0.61	135	0.064	1	1.50	0.012	0.08	0.1	0.05	2.5	0.2	<0.05	6	<0.5	<0.2
1213705	Soil	9	234	1.71	150	0.120	<1	2.27	0.013	0.25	<0.1	0.01	4.8	0.3	<0.05	8	<0.5	<0.2
1213709	Soil	29	28	0.48	121	0.057	2	1.25	0.010	0.12	0.2	0.01	1.9	0.2	<0.05	6	<0.5	<0.2
1213613	Soil	28	74	1.00	276	0.061	<1	1.82	0.007	0.22	0.2	0.01	3.7	0.2	<0.05	6	<0.5	<0.2
1213605	Soil	15	29	0.48	298	0.045	2	1.67	0.020	0.08	0.1	<0.01	3.9	<0.1	<0.05	5	<0.5	<0.2
1213612	Soil	21	68	1.43	331	0.114	<1	2.40	0.008	0.63	<0.1	<0.01	3.8	0.5	<0.05	8	0.9	<0.2
1213604	Soil	22	27	0.49	521	0.031	2	1.87	0.014	0.10	0.1	0.03	5.2	0.1	<0.05	6	<0.5	<0.2
1213609	Soil	22	36	1.10	494	0.030	1	2.10	0.008	0.21	<0.1	<0.01	5.0	0.1	<0.05	9	<0.5	<0.2
1213611	Soil	26	21	0.93	327	0.033	<1	1.89	0.020	0.11	<0.1	<0.01	3.7	<0.1	<0.05	9	<0.5	<0.2
1213608	Soil	36	23	1.04	471	0.031	2	2.14	0.009	0.22	<0.1	0.02	4.7	0.1	<0.05	8	<0.5	<0.2
1213610	Soil	18	28	0.72	293	0.055	<1	1.73	0.015	0.08	<0.1	0.01	4.1	<0.1	<0.05	6	<0.5	<0.2
1213606	Soil	20	31	0.51	363	0.042	3	1.56	0.011	0.07	0.1	<0.01	4.0	<0.1	<0.05	5	<0.5	<0.2
1213615	Soil	27	36	0.71	248	0.028	1	1.55	0.007	0.08	0.1	<0.01	3.5	<0.1	<0.05	5	<0.5	<0.2
1213617	Soil	51	28	0.65	161	0.021	1	1.57	0.006	0.17	<0.1	<0.01	3.5	0.1	<0.05	5	<0.5	<0.2
1213619	Soil	25	84	1.39	259	0.028	1	2.31	0.006	0.14	<0.1	0.01	6.1	0.1	<0.05	7	<0.5	<0.2
1213616	Soil	21	44	0.62	297	0.037	1	1.61	0.012	0.06	0.1	0.02	3.8	<0.1	<0.05	5	<0.5	<0.2
1213614	Soil	20	38	0.62	268	0.042	1	1.74	0.012	0.05	0.1	0.03	3.9	<0.1	<0.05	5	<0.5	<0.2
1213618	Soil	32	36	0.66	663	0.023	1	1.52	0.009	0.08	0.2	<0.01	3.4	<0.1	<0.05	5	<0.5	<0.2
1213623	Soil	29	31	0.79	172	0.048	1	1.84	0.013	0.09	0.1	0.03	5.4	0.1	<0.05	6	<0.5	<0.2
1213622	Soil	32	37	0.66	245	0.037	1	1.72	0.013	0.06	0.1	0.06	5.2	<0.1	0.07	6	<0.5	<0.2
1213621	Soil	22	29	0.69	236	0.040	2	1.75	0.014	0.05	0.1	0.06	4.8	<0.1	0.11	6	<0.5	<0.2
1213620	Soil	18	27	0.52	228	0.029	2	1.57	0.011	0.05	0.1	0.04	3.5	<0.1	0.09	5	<0.5	<0.2
1111832	Soil	14	29	0.60	312	0.047	2	1.53	0.037	0.04	0.2	0.03	3.5	<0.1	0.07	4	<0.5	<0.2
1213602	Soil	18	15	0.35	749	0.008	7	1.07	0.010	0.14	<0.1	0.02	7.5	<0.1	<0.05	3	<0.5	<0.2
1213601	Soil	18	10	0.30	645	0.006	17	0.89	0.008	0.24	<0.1	<0.01	9.5	0.1	<0.05	3	<0.5	<0.2
1213603	Soil	26	15	0.30	666	0.006	4	1.08	0.007	0.12	<0.1	0.02	10.5	<0.1	<0.05	4	<0.5	<0.2
1111834	Soil	14	28	0.55	229	0.055	1	1.39	0.025	0.04	0.2	0.03	3.6	<0.1	<0.05	4	<0.5	<0.2
1111835	Soil	15	28	0.53	396	0.038	3	1.61	0.021	0.06	0.2	0.04	4.2	<0.1	<0.05	4	<0.5	<0.2
1111833	Soil	14	28	0.54	281	0.046	1	1.63	0.023	0.03	0.1	0.03	3.5	<0.1	<0.05	5	<0.5	<0.2

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

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

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Report Date: December 07, 2011

CERTIFICATE OF ANALYSIS DAW11000551.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1111830	Soil	0.6	32.1	11.5	56	0.2	28.6	10.7	478	2.83	13.4	0.6	2.0	2.0	35	0.1	0.6	0.2	62	0.88	0.049
1111831	Soil	0.6	28.6	11.9	55	0.1	26.6	10.3	466	2.61	13.5	0.5	3.2	2.3	34	0.2	0.6	0.2	58	1.09	0.052
1111829	Soil	0.7	47.3	33.9	90	0.3	41.2	13.3	1645	5.07	277.6	1.1	16.6	5.6	16	0.9	0.9	0.9	47	0.45	0.048
1111811	Soil	1.0	34.8	49.8	114	<0.1	26.4	16.0	666	3.71	98.0	1.8	12.9	14.8	22	0.3	0.6	0.2	36	0.42	0.135
1111820	Soil	0.6	38.8	91.9	197	0.3	23.7	9.2	339	2.16	36.6	0.6	28.8	2.4	61	1.5	0.6	0.2	40	2.11	0.059
1111816	Soil	2.2	48.1	14.6	75	0.3	35.6	14.7	735	3.39	368.8	1.6	24.4	3.5	22	0.2	0.8	0.2	55	0.28	0.054
1111817	Soil	0.8	51.0	99.2	312	0.5	37.0	21.0	646	3.65	1137	0.8	242.7	5.4	23	1.6	1.3	0.2	64	0.50	0.057
1111812	Soil	2.2	46.6	23.5	88	0.2	33.6	10.2	330	3.00	150.1	2.0	12.8	8.0	35	0.3	1.9	0.2	45	0.25	0.071
1111814	Soil	1.8	41.0	24.3	82	0.2	32.3	14.0	523	3.14	63.0	1.5	24.2	6.3	17	0.2	0.7	0.2	55	0.20	0.042
1111813	Soil	3.3	62.8	28.1	88	0.4	46.4	13.9	502	3.50	293.8	2.7	23.5	5.4	37	0.3	1.5	0.2	53	0.30	0.090
1111815	Soil	3.5	54.2	24.4	88	0.4	37.7	14.0	564	3.42	320.7	2.1	37.3	5.6	23	0.5	1.0	0.3	49	0.23	0.065
1111819	Soil	0.8	78.7	16.7	64	0.3	36.4	19.8	600	3.62	55.3	1.2	36.5	4.0	28	0.1	0.7	0.4	66	0.69	0.039
1111818	Soil	1.1	26.8	17.5	77	0.1	27.5	13.6	400	3.39	83.9	0.7	3.9	3.5	21	0.2	0.6	0.3	70	0.38	0.047
1111809	Soil	1.3	18.5	17.4	63	0.1	19.5	8.5	298	2.59	43.5	0.8	4.1	2.9	17	0.2	0.5	0.2	57	0.21	0.051
1111804	Soil	0.5	21.8	17.7	78	0.1	26.4	12.7	413	3.19	15.7	1.5	5.9	10.1	27	0.1	0.6	0.2	55	0.37	0.054
1111810	Soil	1.1	36.5	48.3	120	<0.1	27.1	16.9	720	4.04	98.0	2.1	7.2	19.0	25	0.4	0.6	0.1	35	0.52	0.167
1111808	Soil	2.9	46.5	21.9	128	0.8	28.8	10.2	691	2.97	139.3	3.5	12.0	3.8	68	0.6	0.6	0.3	63	0.91	0.063
1111805	Soil	0.4	22.9	15.8	62	0.2	14.9	10.1	349	2.79	8.1	1.5	1.6	7.2	28	0.2	0.5	0.2	47	0.38	0.047
1111807	Soil	0.8	19.4	12.9	77	0.2	17.1	9.4	840	2.42	20.9	1.3	5.5	4.1	64	0.5	0.4	0.1	41	1.04	0.076
1111802	Soil	0.7	18.3	21.0	88	0.1	16.6	9.7	328	2.94	7.3	1.3	4.0	10.1	31	0.3	0.4	0.1	47	0.44	0.057
1111806	Soil	0.8	18.5	19.0	70	0.1	40.4	11.9	625	2.79	7.2	1.6	5.5	6.4	41	0.3	0.4	0.2	53	0.65	0.073
1111803	Soil	1.3	25.1	88.4	110	0.4	34.4	10.6	282	3.07	29.5	2.0	11.1	13.3	28	0.3	0.5	0.2	48	0.45	0.076
1111801	Soil	0.4	15.7	11.9	75	0.1	13.2	7.3	245	1.56	6.4	1.3	1.5	6.6	39	0.4	0.4	0.1	31	0.86	0.053
1111822	Soil	0.4	28.8	16.3	59	0.2	21.4	8.8	426	2.26	13.8	1.5	2.8	1.1	55	0.6	0.5	0.2	43	2.41	0.080
1111823	Soil	0.1	31.1	17.1	59	0.2	16.2	8.1	147	2.73	10.8	0.7	3.5	2.8	32	0.3	0.4	0.2	43	0.91	0.055
1111821	Soil	0.5	20.6	13.1	55	0.1	20.2	8.3	411	2.05	14.0	1.0	14.1	1.5	54	0.5	0.5	0.1	43	1.96	0.074
1111828	Soil	1.8	62.0	20.3	87	<0.1	15.9	8.9	620	2.90	4.6	1.3	2.0	12.0	21	<0.1	0.3	0.1	40	0.28	0.043
1111824	Soil	0.4	17.8	10.0	64	0.1	15.2	14.4	256	4.75	5.4	0.7	6.0	2.5	34	0.2	0.4	0.1	65	0.70	0.092
1111825	Soil	0.7	19.9	10.1	61	<0.1	15.7	11.8	301	3.60	6.5	1.1	5.6	3.8	56	0.2	0.3	0.1	55	0.70	0.054
1111826	Soil	0.7	8.0	8.7	38	0.2	6.0	4.7	178	2.18	2.5	0.7	2.3	5.7	15	0.1	0.3	0.1	20	0.21	0.060

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
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600 - 666 Burrard St.
Vancouver BC V6C 1H2 Canada

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1111830	Soil	15	35	0.60	310	0.046	<1	1.82	0.020	0.04	0.1	0.05	4.3	<0.1	<0.05	5	<0.5	<0.2
1111831	Soil	14	30	0.59	280	0.054	2	1.62	0.024	0.04	0.1	0.03	3.8	<0.1	<0.05	4	<0.5	<0.2
1111829	Soil	22	22	0.64	294	0.017	<1	1.20	0.010	0.07	0.3	0.05	6.1	0.1	<0.05	3	<0.5	<0.2
1111811	Soil	36	40	0.89	267	0.089	<1	2.05	0.007	0.34	<0.1	0.01	2.9	0.3	<0.05	5	<0.5	<0.2
1111820	Soil	12	20	0.67	142	0.048	2	1.13	0.020	0.05	0.2	0.03	3.0	<0.1	0.06	3	<0.5	<0.2
1111816	Soil	19	38	0.64	162	0.039	<1	1.88	0.009	0.07	0.1	0.03	3.8	0.1	<0.05	5	<0.5	<0.2
1111817	Soil	27	48	1.07	210	0.084	<1	1.94	0.012	0.18	0.1	0.02	4.1	0.2	<0.05	5	<0.5	<0.2
1111812	Soil	30	39	0.60	244	0.038	<1	1.46	0.008	0.10	<0.1	<0.01	3.0	0.2	<0.05	4	<0.5	<0.2
1111814	Soil	25	39	0.66	224	0.054	<1	1.78	0.008	0.08	0.1	0.02	3.6	0.1	<0.05	5	<0.5	<0.2
1111813	Soil	19	108	0.88	256	0.047	<1	1.80	0.009	0.10	0.1	0.01	3.7	0.2	0.06	5	<0.5	<0.2
1111815	Soil	21	38	0.65	243	0.049	<1	1.55	0.009	0.08	0.1	0.02	3.5	0.1	<0.05	5	<0.5	<0.2
1111819	Soil	25	49	1.13	154	0.089	1	2.04	0.012	0.15	0.2	0.02	5.2	0.2	<0.05	5	<0.5	<0.2
1111818	Soil	13	42	0.79	187	0.090	<1	1.92	0.009	0.15	0.2	0.01	3.2	0.2	<0.05	6	<0.5	<0.2
1111809	Soil	14	36	0.51	159	0.050	<1	1.52	0.009	0.08	0.1	0.02	2.6	<0.1	<0.05	6	<0.5	<0.2
1111804	Soil	28	102	0.88	222	0.040	3	1.84	0.013	0.08	0.1	0.02	4.1	0.1	<0.05	7	<0.5	<0.2
1111810	Soil	48	38	1.03	300	0.108	<1	2.13	0.007	0.47	<0.1	<0.01	3.1	0.4	<0.05	5	<0.5	<0.2
1111808	Soil	26	36	0.58	566	0.031	<1	1.72	0.010	0.07	0.2	0.06	4.8	0.1	0.14	5	1.2	<0.2
1111805	Soil	20	26	0.51	321	0.019	1	1.54	0.009	0.06	0.1	0.03	4.0	<0.1	<0.05	5	<0.5	<0.2
1111807	Soil	14	26	0.54	501	0.013	2	1.52	0.014	0.04	0.2	0.06	3.1	0.1	0.09	5	<0.5	<0.2
1111802	Soil	25	28	0.73	359	0.050	2	1.69	0.014	0.09	0.1	0.03	3.4	0.1	<0.05	6	<0.5	<0.2
1111806	Soil	18	167	0.97	335	0.050	3	1.83	0.015	0.06	0.1	0.05	4.1	0.1	<0.05	6	<0.5	<0.2
1111803	Soil	32	103	0.90	305	0.053	2	1.66	0.016	0.09	0.2	0.03	3.9	0.1	<0.05	6	0.6	<0.2
1111801	Soil	17	20	0.51	298	0.031	4	1.32	0.014	0.05	0.2	0.03	3.0	<0.1	0.07	4	0.5	<0.2
1111822	Soil	10	25	0.48	212	0.036	2	1.41	0.023	0.04	0.1	0.08	2.5	<0.1	0.11	4	<0.5	<0.2
1111823	Soil	12	21	0.38	284	0.016	4	1.36	0.015	0.06	0.1	0.04	3.5	<0.1	0.06	4	0.6	<0.2
1111821	Soil	11	21	0.49	155	0.049	4	1.10	0.027	0.04	0.3	0.03	2.2	<0.1	<0.05	3	1.0	<0.2
1111828	Soil	30	22	0.76	334	0.059	2	1.69	0.012	0.22	0.1	0.01	4.2	0.1	<0.05	5	0.6	<0.2
1111824	Soil	12	18	0.79	282	0.013	5	1.86	0.013	0.08	0.2	0.03	11.2	<0.1	<0.05	6	<0.5	<0.2
1111825	Soil	15	22	0.62	394	0.016	5	1.70	0.012	0.08	0.2	0.03	5.2	<0.1	0.05	5	0.5	<0.2
1111826	Soil	17	11	0.32	467	0.005	3	1.47	0.007	0.14	<0.1	0.04	3.1	0.1	<0.05	4	<0.5	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1111827	Soil	0.9	10.0	14.2	39	<0.1	5.3	4.4	427	1.40	1.6	0.8	3.0	6.7	20	<0.1	0.2	0.1	18	0.32	0.050
1109384	Soil	0.8	18.6	11.0	65	0.1	11.0	7.3	340	3.00	3.5	1.1	2.3	6.0	25	0.1	0.2	0.2	49	0.39	0.055
1109385	Soil	1.0	16.5	10.0	77	<0.1	12.8	9.9	327	3.17	4.2	1.1	1.3	7.2	20	<0.1	0.3	0.2	55	0.40	0.065
1109386	Soil	0.8	17.7	10.4	38	<0.1	7.3	3.3	182	1.37	2.8	0.7	1.3	0.4	10	0.1	0.2	0.1	29	0.10	0.052
1109383	Soil	1.4	26.7	11.7	81	0.1	16.1	10.9	574	3.71	4.8	1.2	2.8	6.0	31	0.1	0.3	0.2	71	0.59	0.072
1109361	Soil	0.9	17.2	14.8	48	0.2	15.6	4.6	106	2.05	77.4	1.1	21.7	1.3	18	0.2	0.4	0.1	31	0.21	0.053
1109362	Soil	1.7	19.4	18.0	66	0.2	17.2	7.1	269	2.58	128.8	0.9	6.4	2.4	18	0.2	0.6	0.2	50	0.21	0.053
1109364	Soil	1.1	14.4	15.8	53	0.1	17.3	7.2	169	2.37	37.2	0.8	11.9	2.5	15	0.1	0.4	0.1	44	0.19	0.049
1109366	Soil	1.5	37.5	22.2	79	0.3	25.3	11.7	465	2.95	78.6	1.8	12.8	3.7	31	0.5	0.8	0.2	48	0.75	0.054
1109363	Soil	1.1	17.9	14.3	53	0.2	17.7	5.9	154	2.38	85.6	1.0	5.8	2.5	19	0.2	0.5	0.1	44	0.26	0.046
1109367	Soil	1.5	27.1	14.1	63	0.2	23.1	13.9	1212	2.93	149.1	1.4	19.5	3.5	27	0.3	0.5	0.1	41	0.53	0.054
1109369	Soil	0.9	30.2	12.4	85	0.2	21.0	11.4	486	3.01	40.7	1.3	26.1	3.0	40	0.4	0.5	0.1	53	1.13	0.063
1109365	Soil	2.1	26.1	21.1	84	0.2	26.3	17.4	718	4.08	142.5	1.3	8.6	4.8	20	0.3	0.6	0.2	56	0.26	0.072
1109368	Soil	0.8	29.9	22.4	123	0.2	24.3	12.5	480	2.97	136.2	1.4	21.6	4.4	29	0.6	0.5	0.1	48	0.83	0.066
1109370	Soil	0.6	31.4	11.6	124	<0.1	13.7	7.8	693	2.44	8.9	0.8	3.5	1.1	50	0.4	0.3	0.1	36	1.93	0.065
1109371	Soil	1.0	22.0	10.6	109	0.2	11.9	11.5	1063	3.93	6.3	0.7	23.8	2.2	25	0.1	0.2	0.1	61	0.31	0.067
1109372	Soil	1.2	27.3	14.6	129	<0.1	11.9	12.1	496	4.33	6.3	0.7	5.1	3.2	23	0.2	0.3	0.1	61	0.29	0.069
1109375	Soil	1.1	18.2	12.1	69	0.2	13.7	10.8	915	3.17	6.2	1.9	2.7	7.4	33	0.2	0.3	0.4	51	0.47	0.060
1109373	Soil	0.7	20.2	11.4	83	0.2	15.2	13.0	874	3.71	4.4	1.1	5.9	3.0	41	0.2	0.3	0.1	60	0.54	0.075
1109376	Soil	0.9	16.9	13.0	65	0.1	14.7	8.0	333	2.95	5.5	1.2	2.7	4.9	24	0.1	0.3	0.4	54	0.35	0.044
1109377	Soil	1.0	19.4	11.9	72	0.1	15.0	10.0	755	2.87	4.4	2.0	3.2	8.3	28	0.1	0.3	0.4	47	0.43	0.064
1109382	Soil	0.9	20.5	12.0	64	0.2	13.8	7.2	434	2.83	4.0	1.9	7.0	7.8	27	0.1	0.3	0.4	45	0.44	0.055
1109381	Soil	1.2	20.5	12.7	68	0.1	15.8	7.2	465	2.85	4.0	1.8	2.7	8.1	27	<0.1	0.3	0.4	46	0.44	0.057
1109380	Soil	1.4	18.4	19.3	70	<0.1	16.7	9.0	528	2.99	4.4	1.5	3.1	9.8	22	0.1	0.3	0.4	47	0.36	0.055
1109379	Soil	0.7	15.1	10.1	64	<0.1	13.3	7.3	405	2.55	3.7	1.1	2.3	6.7	23	0.1	0.4	0.5	40	0.37	0.047
1109359	Soil	1.5	23.7	22.3	81	0.2	21.8	9.8	339	3.27	129.4	1.3	11.2	4.1	17	0.2	0.6	0.3	50	0.23	0.075
1109360	Soil	1.3	19.5	21.1	62	0.3	16.9	7.9	265	2.41	67.1	1.3	395.8	2.4	16	0.2	0.6	0.2	42	0.19	0.060
1109358	Soil	0.9	14.9	16.8	57	0.2	14.9	5.5	171	2.71	60.0	1.1	7.5	2.1	20	0.1	0.5	0.2	52	0.20	0.066
1109356	Soil	0.7	11.6	19.3	50	0.2	13.3	3.7	121	1.79	75.1	0.9	32.6	1.4	21	0.1	0.3	0.2	36	0.20	0.049
1109357	Soil	1.1	14.2	19.4	47	0.3	12.4	4.1	148	2.09	238.1	1.0	5.0	1.1	24	0.1	0.4	0.2	38	0.21	0.060

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

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

Project: FLU
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CERTIFICATE OF ANALYSIS DAW11000551.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1111827	Soil	15	9	0.31	367	0.010	3	0.98	0.010	0.20	<0.1	0.01	3.2	0.1	<0.05	3	<0.5	<0.2
1109384	Soil	22	20	0.64	443	0.058	1	1.81	0.013	0.12	0.1	0.02	4.2	0.1	<0.05	7	<0.5	<0.2
1109385	Soil	19	20	0.72	330	0.074	2	1.74	0.014	0.10	0.2	0.02	4.4	0.1	<0.05	7	<0.5	<0.2
1109386	Soil	11	15	0.29	104	0.022	1	1.02	0.010	0.10	<0.1	0.04	0.9	<0.1	<0.05	4	<0.5	<0.2
1109383	Soil	19	25	0.79	465	0.090	2	2.10	0.014	0.19	0.2	0.03	5.2	0.1	<0.05	8	<0.5	<0.2
1109361	Soil	10	27	0.39	155	0.027	<1	1.24	0.009	0.03	0.2	0.06	1.9	0.1	<0.05	4	0.6	<0.2
1109362	Soil	12	32	0.52	131	0.043	<1	1.38	0.010	0.04	0.2	0.05	2.2	<0.1	<0.05	5	<0.5	<0.2
1109364	Soil	13	26	0.46	141	0.032	<1	1.41	0.010	0.04	0.1	0.04	2.0	<0.1	<0.05	5	<0.5	<0.2
1109366	Soil	17	31	0.55	280	0.041	2	1.62	0.015	0.05	0.1	0.05	3.6	<0.1	<0.05	4	0.7	<0.2
1109363	Soil	11	33	0.48	151	0.037	<1	1.29	0.012	0.04	0.1	0.04	2.3	<0.1	<0.05	5	<0.5	<0.2
1109367	Soil	15	26	0.51	262	0.022	<1	1.40	0.011	0.04	0.1	0.04	2.8	<0.1	<0.05	4	<0.5	<0.2
1109369	Soil	13	26	0.66	279	0.043	2	1.48	0.017	0.06	0.2	0.05	4.3	<0.1	<0.05	4	<0.5	<0.2
1109365	Soil	17	33	0.59	253	0.035	<1	1.73	0.012	0.05	0.2	0.03	3.2	0.1	<0.05	5	<0.5	<0.2
1109368	Soil	15	31	0.68	227	0.043	1	1.48	0.020	0.07	0.2	0.03	3.9	<0.1	<0.05	5	0.7	<0.2
1109370	Soil	8	16	0.48	222	0.028	4	1.10	0.020	0.05	0.1	0.05	2.8	<0.1	0.13	3	0.9	<0.2
1109371	Soil	11	24	0.62	218	0.020	1	1.69	0.013	0.07	0.1	0.03	4.9	<0.1	0.06	6	<0.5	<0.2
1109372	Soil	12	18	0.69	237	0.020	3	1.83	0.013	0.08	0.1	0.02	5.4	<0.1	<0.05	6	<0.5	<0.2
1109375	Soil	21	23	0.55	358	0.034	2	1.78	0.014	0.06	0.1	0.05	4.5	<0.1	<0.05	6	<0.5	<0.2
1109373	Soil	13	22	0.70	358	0.016	3	1.88	0.013	0.07	0.1	0.05	6.6	<0.1	<0.05	6	<0.5	<0.2
1109376	Soil	15	25	0.53	297	0.030	1	1.74	0.014	0.06	0.2	0.04	3.5	<0.1	<0.05	6	<0.5	<0.2
1109377	Soil	24	23	0.57	374	0.038	2	1.72	0.013	0.07	0.2	0.04	4.5	<0.1	<0.05	6	<0.5	<0.2
1109382	Soil	28	24	0.56	308	0.048	2	1.72	0.013	0.11	0.2	0.03	3.9	0.1	<0.05	6	0.5	<0.2
1109381	Soil	28	25	0.57	304	0.052	2	1.72	0.014	0.10	0.2	0.03	4.1	<0.1	<0.05	6	<0.5	<0.2
1109380	Soil	24	27	0.61	310	0.054	1	1.64	0.013	0.10	0.2	0.01	3.7	<0.1	<0.05	5	0.6	<0.2
1109379	Soil	22	21	0.52	285	0.045	3	1.57	0.011	0.10	0.2	0.03	3.4	0.1	<0.05	5	<0.5	<0.2
1109359	Soil	19	39	0.64	216	0.046	2	1.80	0.009	0.08	0.1	0.04	2.9	0.1	<0.05	6	<0.5	<0.2
1109360	Soil	17	28	0.44	165	0.027	1	1.48	0.009	0.04	0.1	0.04	2.4	0.1	<0.05	5	<0.5	<0.2
1109358	Soil	12	32	0.46	133	0.033	<1	1.49	0.009	0.04	0.1	0.04	2.1	0.1	<0.05	5	0.7	<0.2
1109356	Soil	13	28	0.39	113	0.038	<1	1.24	0.009	0.04	0.2	0.05	1.7	0.1	<0.05	5	0.6	<0.2
1109357	Soil	12	24	0.38	116	0.030	<1	1.17	0.009	0.04	0.2	0.04	1.5	<0.1	0.06	4	1.0	<0.2

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

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

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1109355	Soil		0.9	9.4	17.7	44	0.2	10.9	3.2	113	1.53	54.6	0.7	14.3	1.4	19	<0.1	0.4	0.1	27	0.18	0.052
1109353	Soil		2.0	33.5	32.0	78	0.2	27.2	9.9	347	2.93	118.2	2.1	54.6	5.7	22	0.2	0.9	0.2	56	0.24	0.038
1109354	Soil		0.9	16.3	69.4	73	0.2	21.6	12.3	608	2.39	21.8	1.2	4.6	4.1	22	0.2	0.4	0.2	44	0.27	0.053
1109352	Soil		2.6	40.1	32.7	93	0.2	30.2	11.1	427	3.04	205.5	2.4	11.8	5.4	21	0.3	1.2	0.2	54	0.23	0.059
1109351	Soil		2.8	42.2	45.1	95	0.4	31.4	10.4	420	3.23	149.1	2.1	6.7	5.2	23	0.4	1.3	0.2	59	0.24	0.062
1008071	Soil		0.9	12.6	10.1	62	0.1	12.0	9.3	473	2.70	5.4	0.9	4.7	3.5	19	0.2	0.3	0.2	47	0.27	0.063
1008074	Soil		0.8	15.0	12.4	44	<0.1	12.6	7.1	305	2.40	6.4	0.6	1.6	4.0	15	0.1	0.3	0.2	51	0.15	0.032
1008072	Soil		0.8	14.0	10.0	74	<0.1	11.7	10.5	563	2.83	5.1	0.8	1.7	6.2	23	0.1	0.3	0.2	46	0.40	0.067
1008073	Soil		1.1	21.8	9.0	81	0.1	16.0	11.1	589	3.28	4.6	1.1	3.0	4.5	25	0.2	0.3	0.2	66	0.44	0.078
1203850	Soil		1.0	9.7	10.0	53	<0.1	9.3	7.6	408	2.50	4.5	0.6	1.4	2.3	17	<0.1	0.2	0.1	48	0.22	0.062
1203846	Soil		0.5	35.4	12.9	148	0.1	14.1	8.2	566	2.40	8.9	0.7	8.3	1.6	42	0.5	0.3	0.2	36	1.51	0.072
1203848	Soil		0.8	15.4	9.7	85	<0.1	15.2	15.1	531	4.26	5.7	0.8	2.1	2.7	28	0.2	0.3	0.1	72	0.46	0.087
1203847	Soil		1.1	16.5	9.9	85	<0.1	11.5	14.8	813	3.97	5.5	0.6	1.7	1.9	26	0.2	0.3	0.2	64	0.41	0.095
1203849	Soil		0.7	19.0	10.4	101	<0.1	15.2	12.7	905	3.75	4.2	0.9	1.9	3.7	37	0.2	0.3	0.1	61	0.55	0.090
1203845	Soil		0.4	32.2	14.0	58	0.1	18.4	8.1	307	1.90	14.5	1.0	3.6	1.4	55	0.3	0.5	0.2	37	1.77	0.055
1203843	Soil		0.7	34.5	35.7	135	0.3	28.3	11.0	323	2.77	268.6	1.3	45.1	4.1	31	0.6	0.7	0.2	49	0.83	0.062
1203844	Soil		0.6	25.1	12.5	63	0.1	21.4	11.3	280	2.57	65.8	1.1	6.9	3.4	35	0.2	0.5	0.2	47	0.96	0.053
1203842	Soil		1.3	29.6	13.3	68	0.2	26.9	11.7	593	2.91	123.8	1.4	11.1	3.5	34	0.2	0.6	0.2	45	0.70	0.058
1203841	Soil		2.2	22.8	16.3	70	0.2	20.1	11.7	462	2.67	88.2	1.1	9.9	2.5	23	0.2	0.6	0.2	55	0.34	0.051
1203840	Soil		1.8	21.0	19.7	71	0.2	22.4	9.8	325	2.75	72.4	0.8	13.3	3.1	18	0.2	0.6	0.3	54	0.25	0.063
1203839	Soil		1.3	19.1	14.6	58	0.2	21.8	7.6	208	2.44	58.0	0.8	6.5	2.3	17	<0.1	0.4	0.2	47	0.20	0.053
1203838	Soil		1.9	35.2	21.4	74	0.4	27.1	9.9	280	2.90	173.3	1.5	15.9	4.8	20	0.2	1.0	0.3	49	0.23	0.052
1203837	Soil		1.5	28.0	17.2	62	0.5	21.0	6.4	205	2.38	152.9	1.5	14.1	2.2	21	0.3	0.7	0.2	42	0.23	0.064
1203836	Soil		2.1	25.1	32.1	76	0.4	23.7	17.6	942	2.81	196.3	2.3	13.8	4.2	29	0.4	0.9	0.2	47	0.32	0.067
1203833	Soil		0.6	13.4	16.0	47	0.2	12.0	3.8	109	1.87	50.3	1.2	4.7	2.2	22	0.2	0.3	0.2	37	0.26	0.058
1203834	Soil		1.1	17.0	18.0	74	0.1	20.1	10.3	269	2.76	90.9	1.1	7.9	5.2	20	0.1	0.5	0.2	44	0.27	0.074
1203835	Soil		0.8	15.4	20.5	62	0.2	16.2	6.5	186	2.20	64.7	1.3	7.6	3.2	22	0.2	0.5	0.2	38	0.26	0.065
1203832	Soil		0.8	10.0	11.1	43	0.1	12.2	3.9	104	1.55	34.3	0.7	2.8	1.4	16	0.1	0.3	0.1	26	0.20	0.049
1203831	Soil		1.0	11.8	18.8	58	0.2	17.4	4.6	105	1.62	41.8	0.8	3.4	1.5	21	0.2	0.3	0.1	26	0.29	0.053
1203830	Soil		0.8	15.8	59.5	75	0.2	22.7	9.0	370	2.24	18.1	1.1	2.4	4.9	26	0.2	0.3	0.2	46	0.31	0.045

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1109355	Soil	14	23	0.36	84	0.028	<1	1.02	0.008	0.04	0.2	0.03	1.3	<0.1	<0.05	4	<0.5	<0.2
1109353	Soil	17	41	0.63	208	0.051	1	1.75	0.011	0.07	0.1	0.02	3.2	0.1	<0.05	5	<0.5	<0.2
1109354	Soil	18	57	0.56	231	0.023	2	1.57	0.010	0.04	0.2	0.03	2.8	0.1	<0.05	5	<0.5	<0.2
1109352	Soil	18	40	0.63	227	0.052	1	1.71	0.011	0.08	0.1	0.02	3.0	0.1	<0.05	5	<0.5	<0.2
1109351	Soil	18	46	0.73	202	0.055	<1	1.99	0.011	0.09	0.1	0.02	3.1	0.1	<0.05	6	<0.5	<0.2
1008071	Soil	16	19	0.56	222	0.029	2	1.69	0.011	0.06	0.1	0.03	3.9	0.1	<0.05	6	<0.5	<0.2
1008074	Soil	24	21	0.37	227	0.029	1	1.76	0.009	0.06	0.1	0.03	2.7	0.1	<0.05	7	<0.5	<0.2
1008072	Soil	19	18	0.64	270	0.048	1	1.60	0.011	0.08	0.2	0.02	3.8	0.1	<0.05	6	<0.5	<0.2
1008073	Soil	18	25	0.84	369	0.074	1	2.14	0.011	0.09	0.2	0.03	5.7	0.1	<0.05	8	<0.5	<0.2
1203850	Soil	13	16	0.46	186	0.014	3	1.60	0.009	0.07	0.1	0.02	3.2	0.1	<0.05	5	<0.5	<0.2
1203846	Soil	11	18	0.53	178	0.043	3	1.20	0.021	0.08	0.1	0.04	3.1	<0.1	0.09	4	<0.5	<0.2
1203848	Soil	13	21	0.78	312	0.018	3	2.01	0.011	0.06	0.1	0.02	8.0	<0.1	<0.05	7	<0.5	<0.2
1203847	Soil	11	17	0.70	257	0.018	2	1.84	0.011	0.07	0.1	0.02	6.0	<0.1	<0.05	7	<0.5	<0.2
1203849	Soil	16	21	0.81	310	0.026	4	1.84	0.012	0.09	0.1	0.02	7.7	<0.1	<0.05	6	<0.5	<0.2
1203845	Soil	10	22	0.54	151	0.036	2	1.17	0.016	0.04	0.2	0.04	3.0	<0.1	0.06	3	<0.5	<0.2
1203843	Soil	17	36	0.71	190	0.054	1	1.68	0.016	0.07	0.2	0.03	3.7	0.1	<0.05	5	<0.5	<0.2
1203844	Soil	15	28	0.58	182	0.044	1	1.39	0.015	0.06	0.2	0.03	3.3	<0.1	0.06	4	<0.5	<0.2
1203842	Soil	18	31	0.57	256	0.035	<1	1.65	0.014	0.05	0.1	0.04	3.5	<0.1	<0.05	5	<0.5	<0.2
1203841	Soil	14	31	0.53	191	0.037	<1	1.59	0.013	0.04	0.2	0.04	2.9	0.1	<0.05	5	<0.5	<0.2
1203840	Soil	16	28	0.52	170	0.038	<1	1.52	0.010	0.05	0.1	0.03	2.5	0.1	<0.05	5	<0.5	<0.2
1203839	Soil	15	38	0.55	147	0.045	<1	1.65	0.010	0.05	0.1	0.03	2.5	0.1	<0.05	5	<0.5	<0.2
1203838	Soil	18	43	0.61	209	0.032	<1	1.83	0.009	0.05	0.2	0.05	3.6	0.1	<0.05	5	<0.5	<0.2
1203837	Soil	12	31	0.44	207	0.027	<1	1.33	0.010	0.04	0.1	0.04	2.9	0.1	<0.05	4	<0.5	<0.2
1203836	Soil	27	33	0.50	298	0.027	<1	1.61	0.009	0.05	0.1	0.04	3.6	0.1	<0.05	5	<0.5	<0.2
1203833	Soil	15	25	0.37	138	0.026	<1	1.22	0.007	0.04	0.2	0.04	2.0	0.1	<0.05	5	<0.5	<0.2
1203834	Soil	19	30	0.53	150	0.031	<1	1.42	0.009	0.05	0.2	0.02	2.5	<0.1	<0.05	4	<0.5	<0.2
1203835	Soil	19	27	0.42	193	0.029	<1	1.30	0.010	0.04	0.1	0.04	2.5	<0.1	<0.05	4	<0.5	<0.2
1203832	Soil	12	25	0.33	107	0.027	<1	0.99	0.007	0.03	0.1	0.04	1.5	<0.1	<0.05	4	<0.5	<0.2
1203831	Soil	11	47	0.42	159	0.029	<1	1.12	0.008	0.03	0.2	0.03	1.8	<0.1	<0.05	4	<0.5	<0.2
1203830	Soil	17	61	0.55	231	0.019	<1	1.56	0.008	0.04	0.1	0.03	2.8	0.1	<0.05	6	<0.5	<0.2

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

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

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CERTIFICATE OF ANALYSIS DAW11000551.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1203829	Soil		0.9	14.3	38.8	69	0.2	15.6	9.0	482	2.52	28.7	1.1	4.0	3.7	24	0.2	0.3	0.3	46	0.27	0.051
1203827	Soil		1.1	14.3	41.3	70	0.2	16.0	8.4	384	2.31	19.8	1.8	3.5	9.4	28	0.2	0.4	0.4	41	0.54	0.066
1203828	Soil		1.1	19.4	43.5	68	0.3	18.5	9.4	521	2.30	17.3	3.6	5.7	9.8	41	0.2	0.4	0.4	45	0.73	0.055
1062062	Soil		0.9	22.3	14.2	56	<0.1	20.3	8.3	282	2.63	30.8	1.1	14.2	5.2	26	<0.1	0.4	0.2	55	0.36	0.036
1062063	Soil		0.7	22.5	15.1	52	<0.1	16.8	7.2	269	2.33	24.8	1.0	16.4	5.5	23	<0.1	0.4	0.3	46	0.30	0.033
1062065	Soil		0.5	29.1	12.3	51	0.1	24.0	9.7	482	2.29	17.6	0.6	3.7	1.4	57	0.3	0.5	0.2	45	1.76	0.048
1062069	Soil		0.6	29.2	14.3	60	0.2	24.2	9.5	460	2.28	93.7	1.1	9.8	2.3	33	0.3	0.6	0.2	41	0.96	0.054
1062067	Soil		0.6	51.5	439.7	377	0.7	23.1	12.0	539	2.47	74.7	0.9	44.0	1.6	44	3.7	0.7	0.2	47	1.46	0.040
1062064	Soil		0.5	57.1	17.3	65	0.3	28.8	14.5	225	2.66	47.7	1.0	15.4	2.9	45	0.3	0.8	0.3	57	1.24	0.052
1062061	Soil		0.9	31.6	44.0	75	0.5	23.1	12.5	699	2.44	33.1	2.0	34.7	2.0	60	0.6	0.5	0.2	48	1.17	0.061
1062068	Soil		0.5	29.8	15.7	61	0.2	22.2	9.5	366	2.22	35.6	0.7	2.9	1.8	36	0.2	0.6	0.2	46	1.17	0.043
1062066	Soil		0.4	35.9	18.7	99	0.2	23.6	10.0	480	2.26	18.4	0.8	2.9	1.4	53	1.0	0.5	0.2	48	1.64	0.053
1062060	Soil		0.7	19.0	13.6	76	0.1	18.5	10.8	608	3.57	127.5	1.3	6.7	4.2	34	0.4	0.4	0.1	52	0.66	0.061
1062070	Soil		1.7	35.9	18.0	74	0.8	31.2	12.6	599	3.30	135.1	1.1	16.1	3.8	21	0.3	0.6	0.2	69	0.30	0.046
1062073	Soil		0.7	25.7	19.4	72	0.3	64.5	18.3	478	2.92	14.4	0.8	0.8	4.8	20	0.3	0.2	0.2	91	0.28	0.061
1062079	Soil		0.8	28.7	24.1	61	<0.1	24.5	8.4	278	2.51	28.3	1.1	9.5	6.3	20	0.2	0.4	0.2	55	0.20	0.016
1062076	Soil		1.0	21.1	11.3	51	0.2	23.2	8.7	421	2.46	54.7	0.5	7.3	3.8	16	0.2	0.5	0.3	56	0.16	0.020
1062075	Soil		1.7	35.6	54.6	106	0.4	33.0	10.5	347	2.76	131.9	1.0	16.5	9.7	21	0.5	0.8	0.2	57	0.21	0.036
1062077	Soil		1.8	20.3	20.6	138	1.4	28.0	12.0	486	3.09	40.8	0.6	2.0	3.9	12	1.8	0.6	0.3	70	0.11	0.039
1062078	Soil		1.6	25.2	21.3	145	0.6	24.9	9.7	903	2.62	35.2	0.9	19.3	4.2	14	3.1	0.6	0.3	63	0.11	0.041
1062074	Soil		0.7	24.9	18.8	68	0.4	63.2	17.9	448	2.88	13.9	0.8	0.9	4.7	20	0.3	0.2	0.2	88	0.26	0.062
1062072	Soil		0.6	30.2	9.3	44	0.2	44.2	10.1	233	2.32	20.4	0.7	3.4	4.4	20	<0.1	0.3	0.1	57	0.24	0.021
1062071	Soil		1.4	26.5	33.4	69	0.8	23.2	8.4	420	2.53	237.6	0.7	11.6	4.9	20	0.3	0.6	0.2	54	0.20	0.027
1062058	Soil		1.1	15.8	9.9	55	0.1	16.0	8.7	337	2.53	6.4	0.8	4.1	2.5	25	0.1	0.3	0.2	52	0.33	0.055
1062055	Soil		1.7	15.6	9.2	56	<0.1	14.4	9.2	446	2.69	5.1	0.8	2.7	4.9	29	<0.1	0.3	0.1	49	0.42	0.052
1062052	Soil		1.1	17.8	10.8	60	<0.1	18.9	11.9	418	3.03	6.6	0.8	1.7	5.3	22	<0.1	0.3	0.2	63	0.26	0.026
1062051	Soil		0.8	21.7	9.9	61	<0.1	18.4	9.6	380	2.87	5.6	1.0	2.9	5.5	28	<0.1	0.3	0.3	58	0.32	0.026
1062057	Soil		1.1	17.5	9.4	57	0.1	18.2	9.6	371	2.74	6.4	0.8	3.2	3.5	31	0.1	0.3	0.2	54	0.43	0.054
1062054	Soil		1.4	12.6	9.5	52	0.1	14.9	8.7	326	2.59	6.1	0.5	1.0	3.1	22	<0.1	0.3	0.2	54	0.25	0.037
1062059	Soil		0.9	15.9	8.7	57	<0.1	16.3	8.6	347	2.64	5.6	0.8	3.2	4.1	24	0.1	0.3	0.1	54	0.32	0.050

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1020 Cordova St. East Vancouver BC V6A 4A3 Canada
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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1203829	Soil	18	29	0.46	193	0.026	2	1.49	0.009	0.05	0.1	0.06	2.6	0.1	0.08	5	<0.5	<0.2
1203827	Soil	25	33	0.53	231	0.033	2	1.43	0.011	0.09	0.1	0.04	2.6	0.2	0.10	5	<0.5	<0.2
1203828	Soil	50	33	0.50	310	0.033	2	1.54	0.011	0.09	0.1	0.04	3.2	0.2	0.05	6	<0.5	<0.2
1062062	Soil	19	35	0.59	334	0.061	2	1.78	0.014	0.05	0.1	0.03	4.2	<0.1	<0.05	5	<0.5	<0.2
1062063	Soil	20	27	0.52	283	0.053	1	1.41	0.011	0.07	<0.1	0.02	3.5	<0.1	<0.05	4	<0.5	<0.2
1062065	Soil	11	25	0.56	241	0.041	3	1.40	0.021	0.05	0.1	0.05	2.8	<0.1	0.12	4	<0.5	<0.2
1062069	Soil	16	25	0.46	271	0.035	2	1.38	0.015	0.05	0.1	0.05	2.9	<0.1	0.13	4	<0.5	<0.2
1062067	Soil	14	27	0.50	266	0.042	2	1.45	0.021	0.05	0.1	0.06	2.9	<0.1	0.10	4	<0.5	<0.2
1062064	Soil	15	33	0.70	257	0.060	3	1.68	0.023	0.07	0.2	0.04	4.3	<0.1	0.09	5	<0.5	<0.2
1062061	Soil	23	28	0.44	415	0.033	2	1.74	0.013	0.06	0.2	0.06	4.0	<0.1	0.08	5	<0.5	<0.2
1062068	Soil	14	26	0.47	273	0.043	2	1.32	0.019	0.04	0.2	0.03	2.7	<0.1	0.07	4	<0.5	<0.2
1062066	Soil	11	26	0.57	233	0.050	3	1.42	0.024	0.05	0.2	0.03	3.1	<0.1	0.11	4	<0.5	<0.2
1062060	Soil	19	26	0.51	258	0.043	2	1.59	0.014	0.05	0.1	0.06	3.5	<0.1	0.09	5	<0.5	<0.2
1062070	Soil	17	42	0.72	322	0.041	1	2.12	0.010	0.09	0.1	0.04	4.0	0.1	<0.05	6	<0.5	<0.2
1062073	Soil	12	715	1.80	189	0.118	1	2.12	0.009	0.30	<0.1	0.01	3.8	0.4	<0.05	8	<0.5	<0.2
1062079	Soil	22	47	0.59	265	0.056	1	1.69	0.011	0.04	<0.1	0.03	4.7	<0.1	<0.05	5	<0.5	<0.2
1062076	Soil	12	33	0.53	208	0.055	1	1.79	0.008	0.05	<0.1	0.03	2.9	0.1	<0.05	5	<0.5	<0.2
1062075	Soil	24	73	0.72	219	0.053	<1	1.76	0.009	0.08	0.1	0.02	3.0	0.1	<0.05	5	<0.5	<0.2
1062077	Soil	11	38	0.54	214	0.060	<1	2.06	0.008	0.07	0.1	0.03	2.4	0.1	<0.05	7	<0.5	<0.2
1062078	Soil	12	51	0.65	282	0.063	<1	1.88	0.009	0.07	<0.1	0.03	2.2	0.2	<0.05	7	<0.5	<0.2
1062074	Soil	12	694	1.73	187	0.115	1	2.06	0.009	0.28	<0.1	0.02	3.8	0.4	<0.05	8	<0.5	<0.2
1062072	Soil	17	156	0.69	251	0.078	1	1.65	0.012	0.06	0.1	0.03	3.2	0.1	<0.05	5	<0.5	<0.2
1062071	Soil	19	38	0.57	346	0.038	<1	1.70	0.009	0.07	0.1	0.03	2.6	0.1	<0.05	6	<0.5	<0.2
1062058	Soil	15	25	0.50	185	0.048	<1	1.76	0.010	0.05	0.1	0.04	3.0	<0.1	0.05	6	<0.5	<0.2
1062055	Soil	17	27	0.57	189	0.065	<1	1.57	0.010	0.07	0.1	0.02	3.0	<0.1	<0.05	6	<0.5	<0.2
1062052	Soil	14	33	0.63	234	0.083	1	2.27	0.011	0.05	0.1	0.02	3.7	0.1	<0.05	7	<0.5	<0.2
1062051	Soil	17	30	0.65	228	0.072	<1	1.94	0.012	0.05	0.1	0.02	3.9	0.1	<0.05	6	<0.5	<0.2
1062057	Soil	17	28	0.54	219	0.063	1	1.87	0.012	0.05	0.1	0.03	3.3	<0.1	<0.05	6	<0.5	<0.2
1062054	Soil	12	24	0.47	138	0.069	<1	1.72	0.011	0.04	<0.1	0.02	2.5	<0.1	<0.05	6	<0.5	<0.2
1062059	Soil	18	28	0.62	193	0.069	2	1.77	0.013	0.07	0.2	0.03	3.3	<0.1	<0.05	6	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1062056	Soil	1.2	17.2	10.0	61	<0.1	16.2	8.9	409	2.86	5.7	0.8	2.7	4.7	29	0.2	0.3	0.1	54	0.38	0.056
1062053	Soil	1.2	19.4	9.7	60	0.1	18.5	9.5	345	2.95	6.3	0.7	1.6	3.9	24	0.1	0.4	0.2	60	0.28	0.038
1111769	Soil	1.0	25.2	15.2	24	0.2	6.9	1.8	64	0.95	7.1	0.6	3.3	<0.1	14	0.4	0.2	0.2	23	0.10	0.058
1111777	Soil	0.7	14.0	11.3	41	<0.1	13.9	6.8	514	1.72	5.4	0.5	0.8	0.5	53	0.6	0.3	0.2	42	1.81	0.058
1106845	Soil	0.6	23.1	10.0	46	0.2	18.7	7.5	485	1.80	7.1	0.7	1.9	0.6	60	0.5	0.4	0.1	36	2.64	0.080
1111768	Soil	1.4	31.0	15.9	56	0.1	27.0	12.4	442	3.07	97.8	1.0	9.0	2.2	18	0.2	0.5	0.2	57	0.18	0.042
1111775	Soil	0.7	15.7	41.2	49	<0.1	21.0	8.0	628	2.16	3.6	0.6	2.5	0.9	34	0.3	0.4	0.4	49	1.19	0.033
1111778	Soil	3.9	133.6	2246	2383	3.8	34.9	28.4	604	4.17	187.4	1.2	163.3	2.9	121	12.8	0.8	0.8	16	2.22	0.057
1111764	Soil	0.9	20.0	40.6	23	0.4	9.3	4.1	127	1.40	35.8	0.5	9.7	0.2	6	<0.1	0.4	0.3	32	0.06	0.034
1111765	Soil	1.3	32.5	203.2	271	0.4	34.3	12.7	549	3.65	1717	0.8	333.3	3.9	15	2.6	1.3	0.4	61	0.20	0.042
1111776	Soil	0.9	19.1	12.6	56	<0.1	24.3	8.4	491	2.12	10.0	0.5	<0.5	1.8	38	0.5	0.4	0.2	54	1.44	0.034
1111763	Soil	1.1	25.6	13.9	66	0.1	24.6	12.8	361	3.05	11.4	1.0	4.0	4.5	18	<0.1	0.5	0.2	68	0.19	0.022
1111766	Soil	1.0	23.4	16.1	25	0.1	11.9	3.6	133	1.64	15.4	1.2	4.1	0.5	17	0.2	0.2	0.2	45	0.14	0.036
1111767	Soil	1.1	20.3	14.2	30	<0.1	12.9	4.2	180	1.70	95.9	0.8	6.9	0.1	10	<0.1	0.3	0.2	33	0.07	0.036
1111753	Soil	0.4	23.0	22.2	79	0.1	13.8	7.9	242	2.42	3.0	1.6	2.1	12.6	30	<0.1	0.3	0.3	38	0.38	0.039
1111757	Soil	0.7	22.6	14.7	78	0.1	17.6	10.1	371	3.12	6.2	1.8	2.6	7.3	46	0.3	0.5	0.2	48	0.63	0.063
1111755	Soil	0.4	20.8	23.6	66	0.2	18.1	11.6	365	2.60	4.7	1.7	3.0	8.8	31	<0.1	0.4	0.3	49	0.40	0.048
1111754	Soil	0.5	17.0	15.5	66	<0.1	12.3	7.2	359	2.31	3.3	1.1	4.2	7.4	23	0.1	0.3	0.2	39	0.31	0.047
1111751	Soil	0.8	18.6	21.7	89	<0.1	17.4	12.0	377	3.43	5.2	1.5	1.5	8.0	37	0.1	0.4	0.2	54	0.61	0.065
1111756	Soil	0.8	16.1	14.2	74	<0.1	16.0	11.5	1140	2.53	5.7	1.0	1.7	7.0	43	0.2	0.4	0.2	40	0.52	0.068
1111774	Soil	0.4	16.9	12.1	52	0.2	16.3	10.2	915	2.34	5.1	1.1	4.1	2.2	69	0.2	0.4	0.2	45	1.03	0.103
1111773	Soil	1.7	46.2	21.9	95	0.2	41.7	14.7	514	3.42	91.0	1.0	30.9	5.9	18	0.3	0.6	0.2	63	0.25	0.066
1111770	Soil	1.8	33.5	48.6	89	<0.1	42.0	26.8	800	4.96	113.2	1.1	16.2	7.6	15	0.4	0.8	0.3	71	0.24	0.109
1111772	Soil	1.0	26.2	14.0	60	<0.1	30.0	11.0	363	2.98	23.7	0.9	12.2	5.3	23	<0.1	0.5	0.2	59	0.25	0.026
1111752	Soil	0.7	27.8	13.1	56	0.3	17.8	14.6	1117	5.00	5.1	1.6	2.9	4.4	59	0.2	0.5	0.2	51	0.79	0.098
1111771	Soil	1.2	16.5	94.6	101	0.1	21.9	11.2	420	3.31	29.3	0.8	184.9	2.7	16	0.4	0.4	0.2	49	0.21	0.068
1106841	Soil	0.8	12.2	9.7	41	<0.1	14.6	9.0	378	2.70	6.0	0.6	1.2	4.5	13	<0.1	0.3	0.1	44	0.15	0.025
1106842	Soil	0.8	8.6	12.3	34	<0.1	10.7	6.3	262	2.04	4.4	0.4	2.9	1.4	9	<0.1	0.3	0.2	39	0.10	0.039
1106838	Soil	1.2	12.9	12.4	49	<0.1	11.4	6.0	228	2.56	4.9	0.5	1.8	4.2	12	<0.1	0.3	0.2	51	0.12	0.021
1106843	Soil	0.8	12.2	9.3	31	<0.1	12.2	5.6	196	1.99	3.4	0.4	1.8	0.1	15	0.2	0.3	0.1	36	0.13	0.044

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

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

Project: FLU
Report Date: December 07, 2011

CERTIFICATE OF ANALYSIS DAW11000551.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1062056	Soil	16	28	0.61	220	0.072	<1	1.80	0.012	0.07	0.1	0.02	3.2	<0.1	0.05	6	<0.5	<0.2
1062053	Soil	15	28	0.58	195	0.070	1	2.05	0.011	0.05	0.1	0.02	3.0	<0.1	<0.05	6	<0.5	<0.2
1111769	Soil	5	16	0.06	155	0.005	1	0.67	0.008	0.04	<0.1	0.07	0.2	<0.1	0.05	4	<0.5	<0.2
1111777	Soil	9	20	0.29	181	0.033	2	1.33	0.018	0.03	0.1	0.06	1.9	<0.1	0.15	4	<0.5	<0.2
1106845	Soil	9	21	0.38	197	0.030	3	1.34	0.019	0.04	0.1	0.06	1.9	<0.1	0.22	3	<0.5	<0.2
1111768	Soil	16	39	0.52	197	0.050	1	1.84	0.009	0.06	0.1	0.02	2.6	<0.1	0.08	5	<0.5	<0.2
1111775	Soil	9	27	0.36	101	0.044	2	1.73	0.021	0.03	0.1	0.04	2.5	0.1	<0.05	5	<0.5	<0.2
1111778	Soil	11	8	2.27	103	<0.001	1	2.32	0.002	0.09	0.2	0.03	7.1	<0.1	<0.05	4	<0.5	<0.2
1111764	Soil	9	13	0.15	44	0.016	1	0.71	0.008	0.05	<0.1	0.05	0.6	<0.1	<0.05	4	<0.5	<0.2
1111765	Soil	13	40	0.67	132	0.046	2	2.00	0.009	0.09	0.2	0.03	4.1	0.1	<0.05	6	<0.5	<0.2
1111776	Soil	11	29	1.09	173	0.041	2	2.08	0.019	0.04	0.2	0.04	3.1	0.1	<0.05	6	<0.5	<0.2
1111763	Soil	14	39	0.54	240	0.066	2	2.33	0.013	0.05	0.1	0.03	4.1	0.1	<0.05	6	<0.5	<0.2
1111766	Soil	23	23	0.26	124	0.042	1	1.24	0.008	0.05	<0.1	0.04	1.1	0.1	<0.05	6	<0.5	<0.2
1111767	Soil	11	19	0.25	58	0.019	<1	0.94	0.010	0.05	<0.1	0.03	0.5	<0.1	<0.05	5	<0.5	<0.2
1111753	Soil	36	22	0.54	227	0.037	2	1.66	0.011	0.10	0.1	0.04	3.7	0.1	<0.05	5	<0.5	<0.2
1111757	Soil	25	25	0.55	383	0.043	3	1.57	0.018	0.09	0.2	0.05	4.2	0.1	<0.05	5	<0.5	<0.2
1111755	Soil	28	28	0.54	368	0.031	2	1.96	0.012	0.08	0.1	0.06	4.4	0.1	<0.05	6	<0.5	<0.2
1111754	Soil	30	21	0.58	163	0.041	2	1.49	0.014	0.10	<0.1	0.02	3.1	0.1	<0.05	6	<0.5	<0.2
1111751	Soil	28	29	0.84	464	0.037	3	2.08	0.011	0.11	0.1	0.03	4.8	0.1	<0.05	8	<0.5	<0.2
1111756	Soil	22	23	0.51	314	0.046	2	1.48	0.017	0.09	0.1	0.04	3.3	0.1	<0.05	5	<0.5	<0.2
1111774	Soil	17	28	0.57	432	0.019	2	1.78	0.014	0.06	0.1	0.08	3.6	0.1	<0.05	6	<0.5	<0.2
1111773	Soil	17	38	0.66	200	0.054	1	2.34	0.012	0.07	0.2	0.03	3.4	0.1	<0.05	6	<0.5	<0.2
1111770	Soil	20	198	1.36	159	0.046	<1	2.91	0.005	0.16	0.1	0.01	5.4	0.2	<0.05	7	<0.5	<0.2
1111772	Soil	22	46	0.72	203	0.061	1	2.03	0.014	0.05	0.1	0.03	4.2	0.1	<0.05	6	<0.5	<0.2
1111752	Soil	24	26	0.60	521	0.025	3	1.99	0.013	0.08	0.1	0.08	5.5	0.1	<0.05	6	<0.5	<0.2
1111771	Soil	16	38	0.57	142	0.048	1	1.99	0.008	0.08	<0.1	0.02	2.3	0.1	<0.05	6	<0.5	<0.2
1106841	Soil	18	23	0.43	206	0.032	2	2.10	0.009	0.09	<0.1	0.02	3.0	0.1	<0.05	5	<0.5	<0.2
1106842	Soil	12	18	0.29	169	0.017	3	1.64	0.007	0.11	<0.1	0.03	1.6	0.1	<0.05	5	<0.5	<0.2
1106838	Soil	20	20	0.37	155	0.030	2	1.77	0.008	0.07	<0.1	0.02	2.1	0.1	<0.05	7	<0.5	<0.2
1106843	Soil	6	18	0.24	127	0.020	2	1.18	0.010	0.04	0.1	0.05	1.2	<0.1	<0.05	4	<0.5	<0.2

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

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

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1106839	Soil		1.2	14.8	11.4	44	<0.1	16.3	7.5	240	2.97	7.0	0.5	1.7	2.0	11	0.2	0.4	0.2	61	0.10	0.027
1106840	Soil		0.6	14.2	10.3	49	<0.1	13.5	8.5	435	2.56	4.6	0.6	3.9	5.9	18	<0.1	0.3	0.1	41	0.22	0.026
1106844	Soil		0.8	17.9	10.3	62	<0.1	24.4	14.1	504	3.68	6.8	0.6	5.7	2.5	16	0.1	0.4	0.1	72	0.20	0.048
1140466	Soil		0.8	21.6	16.1	84	0.2	18.9	8.9	252	2.03	34.9	1.7	9.2	3.2	43	0.4	0.4	0.2	42	1.02	0.059
1140464	Soil		1.1	34.5	140.0	269	0.8	25.8	13.4	782	3.13	426.4	1.6	53.4	2.7	68	1.4	0.6	0.3	45	1.28	0.056
1140463	Soil		0.5	29.5	38.9	114	0.4	19.2	8.2	274	2.18	159.7	1.7	20.2	3.1	48	0.7	0.5	0.2	40	0.76	0.060
1140459	Soil		0.5	37.6	98.7	391	0.4	23.0	12.6	497	2.74	94.3	1.4	10.4	1.7	49	2.9	0.7	0.2	44	1.49	0.051
1140465	Soil		0.7	36.7	163.4	275	0.8	25.8	9.8	245	2.21	146.7	1.4	40.4	2.3	59	2.5	0.6	0.2	36	1.57	0.058
1140462	Soil		0.6	22.1	24.3	99	0.2	18.5	8.4	312	2.04	27.5	1.6	10.3	3.4	50	0.8	0.4	0.2	45	0.80	0.056
1140460	Soil		0.5	25.2	17.5	65	0.2	21.0	9.5	238	2.94	31.7	1.5	10.6	2.3	54	0.4	0.5	0.2	42	1.12	0.062
1140458	Soil		0.6	36.2	78.3	186	0.3	26.0	10.9	495	2.52	88.7	1.2	11.2	2.0	42	1.4	0.7	0.2	44	1.45	0.050
1140461	Soil		0.5	19.9	13.0	85	0.2	17.2	9.0	374	2.16	36.8	1.9	7.9	3.4	55	0.3	0.3	0.1	41	0.92	0.056
1140468	Soil		0.7	15.6	9.9	51	<0.1	15.1	7.7	218	2.37	5.6	0.7	5.6	4.4	21	<0.1	0.4	0.1	53	0.28	0.038
1140467	Soil		2.0	21.6	15.2	79	0.3	20.2	30.4	968	4.07	89.1	2.3	9.3	4.6	42	0.3	0.5	0.2	60	0.59	0.082
1140469	Soil		1.0	18.0	10.2	58	<0.1	15.9	7.7	267	2.51	5.7	1.0	2.8	3.6	28	0.2	0.3	0.2	54	0.38	0.048
1140475	Soil		0.9	18.2	10.5	64	<0.1	14.3	10.0	443	3.04	4.2	1.0	1.2	7.3	32	0.1	0.4	0.2	54	0.34	0.040
1140476	Soil		1.1	17.8	10.7	63	<0.1	15.3	9.3	468	2.62	4.2	0.9	4.0	5.6	25	<0.1	0.4	0.1	48	0.27	0.054
1140472	Soil		1.5	18.4	10.5	66	0.1	15.9	8.5	402	2.61	4.9	0.9	1.5	4.6	30	0.2	0.4	0.3	52	0.44	0.042
1140471	Soil		1.2	19.8	13.5	63	0.2	18.4	8.8	482	2.71	5.4	1.1	3.1	4.6	34	0.3	0.5	0.2	60	0.51	0.040
1140473	Soil		1.0	21.4	9.6	65	<0.1	15.5	8.5	406	2.70	4.7	1.3	4.6	7.0	27	0.1	0.4	0.3	50	0.37	0.052
1140470	Soil		1.3	16.8	11.0	64	<0.1	16.5	9.2	393	2.71	5.3	1.0	1.5	4.6	30	0.2	0.4	0.2	58	0.45	0.045
1140474	Soil		1.3	17.6	9.6	52	<0.1	11.8	7.6	284	2.19	3.4	0.8	2.7	4.0	20	0.1	0.3	0.3	43	0.22	0.037
1140454	Soil		1.7	19.4	12.0	56	0.4	23.1	6.3	170	2.70	40.0	0.6	1.3	3.7	14	0.2	0.6	0.2	70	0.15	0.024
1140456	Soil		1.7	41.0	12.9	113	0.3	39.7	9.3	304	2.99	77.1	1.7	11.3	6.2	28	0.6	1.0	0.1	67	0.48	0.075
1140453	Soil		1.0	31.5	15.8	75	0.2	35.5	10.7	381	2.59	74.5	1.1	5.3	5.1	23	0.3	0.9	0.1	63	0.30	0.035
1111761	Soil		1.2	30.3	17.6	92	0.3	31.9	9.8	292	3.09	53.0	1.5	6.3	8.6	19	0.3	0.7	0.1	62	0.18	0.017
1111760	Soil		2.1	37.0	20.9	105	0.5	37.4	11.3	454	3.01	97.9	1.6	11.9	8.1	19	0.5	1.1	0.2	59	0.17	0.024
1140455	Soil		0.9	14.2	12.3	38	0.6	12.8	7.4	307	1.46	42.0	0.5	2.4	2.3	9	0.2	0.5	0.1	45	0.10	0.025
1140452	Soil		1.4	31.4	17.4	59	0.4	24.1	12.1	866	2.45	46.3	1.1	6.7	4.0	20	0.5	0.6	0.1	55	0.23	0.054
1140451	Soil		1.6	17.8	61.5	54	0.5	16.3	5.7	386	1.94	42.4	0.6	3.1	1.8	17	0.8	0.7	0.2	47	0.17	0.045

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1106839	Soil		12	30	0.41	153	0.053	2	1.85	0.009	0.06	0.1	0.02	2.4	0.1	<0.05	7	<0.5	<0.2
1106840	Soil		25	21	0.53	259	0.038	2	1.72	0.010	0.11	<0.1	0.01	3.2	0.1	<0.05	5	<0.5	<0.2
1106844	Soil		11	28	0.53	270	0.045	3	2.02	0.012	0.07	<0.1	0.02	5.6	<0.1	<0.05	5	<0.5	<0.2
1140466	Soil		25	26	0.54	290	0.036	2	1.66	0.014	0.06	0.1	0.06	3.8	0.1	0.05	5	<0.5	<0.2
1140464	Soil		17	30	0.60	206	0.036	2	1.60	0.014	0.07	0.2	0.06	3.6	0.1	0.07	5	0.6	<0.2
1140463	Soil		19	26	0.49	194	0.035	1	1.56	0.014	0.05	0.1	0.05	3.7	0.1	<0.05	5	<0.5	<0.2
1140459	Soil		13	26	0.59	245	0.039	2	1.41	0.020	0.05	0.2	0.04	3.1	<0.1	<0.05	4	0.5	<0.2
1140465	Soil		16	25	0.63	169	0.032	2	1.43	0.013	0.05	0.2	0.06	3.2	<0.1	0.09	4	0.5	<0.2
1140462	Soil		21	28	0.57	297	0.040	2	1.84	0.014	0.06	0.1	0.06	3.7	0.1	0.16	5	<0.5	<0.2
1140460	Soil		18	27	0.51	449	0.025	2	1.59	0.018	0.05	0.1	0.05	3.7	<0.1	0.09	4	<0.5	<0.2
1140458	Soil		16	27	0.53	296	0.035	1	1.53	0.020	0.05	0.1	0.04	2.8	<0.1	<0.05	4	<0.5	<0.2
1140461	Soil		19	25	0.53	256	0.040	2	1.55	0.015	0.05	0.2	0.04	3.4	<0.1	0.09	5	<0.5	<0.2
1140468	Soil		14	27	0.51	201	0.075	2	1.57	0.014	0.05	0.1	0.02	3.1	<0.1	<0.05	6	<0.5	<0.2
1140467	Soil		26	32	0.51	569	0.027	2	2.00	0.015	0.06	0.2	0.08	6.4	0.1	<0.05	5	<0.5	<0.2
1140469	Soil		15	27	0.54	279	0.066	2	1.70	0.014	0.04	0.2	0.04	3.6	<0.1	<0.05	6	0.7	<0.2
1140475	Soil		19	27	0.62	188	0.079	2	1.91	0.011	0.08	0.1	0.03	3.7	<0.1	<0.05	6	0.8	<0.2
1140476	Soil		17	28	0.57	151	0.082	1	1.55	0.012	0.06	0.1	0.03	2.8	<0.1	<0.05	6	<0.5	<0.2
1140472	Soil		15	27	0.54	235	0.071	1	1.76	0.014	0.05	0.1	0.03	3.5	0.1	<0.05	6	<0.5	<0.2
1140471	Soil		16	31	0.55	277	0.088	1	1.85	0.017	0.05	0.1	0.04	4.3	<0.1	<0.05	6	<0.5	<0.2
1140473	Soil		19	27	0.59	218	0.080	1	1.61	0.014	0.06	0.1	0.03	4.0	<0.1	<0.05	6	<0.5	<0.2
1140470	Soil		16	29	0.56	263	0.082	2	1.91	0.018	0.05	0.2	0.03	3.9	<0.1	<0.05	6	0.6	<0.2
1140474	Soil		14	22	0.46	174	0.065	1	1.49	0.014	0.05	0.1	0.01	2.7	<0.1	<0.05	5	<0.5	<0.2
1140454	Soil		11	42	0.53	843	0.079	<1	1.54	0.009	0.12	0.1	0.01	2.3	0.1	<0.05	6	<0.5	<0.2
1140456	Soil		21	48	0.84	383	0.072	1	1.70	0.012	0.16	0.2	0.03	2.8	0.1	<0.05	5	0.8	<0.2
1140453	Soil		18	84	0.64	1077	0.067	<1	1.67	0.017	0.06	0.1	0.02	4.2	<0.1	<0.05	5	0.9	<0.2
1111761	Soil		24	47	0.64	277	0.069	<1	2.05	0.013	0.07	0.1	0.03	4.6	0.1	<0.05	6	<0.5	<0.2
1111760	Soil		23	63	0.67	287	0.059	<1	1.86	0.013	0.07	0.1	0.02	3.7	0.1	<0.05	5	0.7	<0.2
1140455	Soil		10	24	0.28	249	0.052	1	1.25	0.014	0.06	0.1	0.02	1.9	<0.1	<0.05	5	<0.5	<0.2
1140452	Soil		17	58	0.52	320	0.066	<1	1.59	0.016	0.08	0.1	0.02	3.3	<0.1	<0.05	5	0.6	<0.2
1140451	Soil		14	26	0.32	253	0.033	<1	1.02	0.015	0.07	0.1	0.02	1.7	<0.1	<0.05	5	<0.5	<0.2

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

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

Project: FLU
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CERTIFICATE OF ANALYSIS DAW11000551.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1111759	Soil	1.3	34.5	28.3	98	0.3	36.8	10.9	420	3.11	65.5	1.2	8.1	10.8	16	0.3	0.7	0.2	60	0.15	0.027
1111762	Soil	1.7	32.2	76.9	77	0.5	29.5	8.4	247	2.59	46.2	1.0	9.5	5.6	20	0.3	0.7	0.1	58	0.15	0.026
1111758	Soil	1.7	14.8	29.2	68	1.1	14.8	4.8	205	2.11	13.2	0.5	3.8	3.5	11	0.9	0.5	0.2	68	0.10	0.027
1213763	Soil	2.4	32.4	17.5	72	0.6	24.9	11.9	708	2.51	215.6	3.4	31.8	4.2	35	0.3	0.9	0.2	38	0.40	0.068
1213766	Soil	1.5	35.7	132.2	164	0.7	25.9	10.1	344	2.97	892.9	1.5	143.9	4.7	20	1.1	1.3	0.2	50	0.19	0.048
1213762	Soil	3.1	44.5	22.1	102	0.3	32.2	16.5	698	3.38	241.4	3.8	16.0	9.5	35	0.3	1.0	0.1	55	0.36	0.069
1213764	Soil	2.0	33.9	36.0	94	0.5	28.4	9.7	493	2.77	515.7	1.6	70.8	3.9	24	0.3	1.3	0.2	53	0.26	0.054
1213765	Soil	1.3	36.4	127.9	166	0.6	27.5	10.5	396	2.95	814.1	1.6	145.1	5.2	22	0.7	1.2	0.2	51	0.21	0.051
1213778	Soil	0.7	17.3	11.3	60	<0.1	15.7	8.1	572	1.83	8.8	1.8	5.0	5.6	45	0.4	0.6	0.1	37	1.34	0.047
1213760	Soil	2.2	20.9	43.7	106	0.3	23.3	11.1	496	2.78	538.8	1.4	38.0	7.5	41	0.7	0.6	0.2	57	0.45	0.089
1213761	Soil	1.6	25.0	60.5	120	0.4	22.5	9.5	298	2.72	141.7	1.8	62.5	8.7	37	0.3	0.5	0.1	44	0.41	0.095
1213757	Soil	1.0	13.0	21.7	59	0.2	14.9	5.3	129	1.70	72.1	1.1	16.4	3.9	22	0.2	0.3	0.1	33	0.28	0.062
1213759	Soil	1.0	14.9	23.4	70	0.2	16.9	6.0	158	2.01	113.1	1.1	18.2	4.1	30	0.4	0.4	0.1	30	0.36	0.064
1213758	Soil	0.9	13.1	21.8	65	0.2	15.6	5.8	139	2.05	93.1	1.1	17.2	4.2	21	0.2	0.4	0.1	35	0.27	0.055
1213625	Soil	1.7	41.8	14.6	91	0.3	29.2	10.6	216	2.68	61.1	2.3	12.2	4.6	36	0.4	0.9	0.1	58	0.53	0.089
1213777	Soil	0.5	21.0	13.9	60	0.2	18.0	6.7	1405	1.35	20.6	1.5	7.2	3.0	52	0.5	0.6	0.1	30	1.80	0.060
1213756	Soil	1.4	12.8	25.9	64	0.1	14.9	5.3	159	2.18	78.6	1.1	5.4	7.2	17	<0.1	0.4	0.2	41	0.25	0.069
1213779	Soil	1.6	25.3	13.8	68	0.1	20.8	9.8	606	2.46	6.2	1.8	4.0	8.4	36	0.3	0.7	0.1	47	0.76	0.052
1213754	Soil	0.7	13.8	21.2	41	0.2	14.1	4.4	100	1.38	22.1	1.1	16.6	1.7	19	0.1	0.3	0.8	21	0.22	0.055
1213753	Soil	0.8	17.2	23.3	48	0.2	16.2	5.4	121	2.01	56.4	1.4	11.8	2.6	16	0.2	0.3	0.3	37	0.18	0.060
1213752	Soil	0.7	15.4	21.7	47	0.2	16.2	5.4	109	1.71	34.0	1.3	10.8	2.3	16	0.2	0.2	0.2	30	0.18	0.058
1213624	Soil	0.6	26.9	21.2	74	0.2	24.6	8.3	232	1.90	21.8	1.6	11.1	3.0	36	0.3	0.5	0.2	52	0.56	0.058
1213627	Soil	2.6	41.8	17.1	128	0.6	41.5	15.0	558	3.10	87.5	2.7	7.3	4.5	41	0.6	0.5	0.2	66	0.34	0.093
1213626	Soil	3.4	19.8	13.8	67	0.5	23.0	5.4	133	2.06	78.0	1.0	6.8	1.3	35	0.3	0.5	0.2	51	0.31	0.108
1213628	Soil	2.9	25.6	16.4	68	0.2	22.1	6.3	218	3.28	93.5	1.0	2.7	2.7	17	0.3	0.7	0.3	91	0.07	0.062
1213751	Soil	2.4	26.7	27.1	70	0.1	23.7	9.2	341	2.53	28.4	2.1	3.9	7.7	24	0.1	0.5	0.3	63	0.16	0.044
1213767	Soil	0.9	36.4	66.8	120	0.2	29.2	13.8	512	3.18	357.5	1.2	37.5	8.0	14	0.5	0.6	0.2	49	0.16	0.029
1213772	Soil	1.8	37.2	20.4	94	0.3	40.2	13.5	440	3.28	407.0	1.3	35.6	3.7	23	0.3	0.6	0.2	54	0.25	0.074
1213775	Soil	0.9	29.9	77.1	145	0.6	53.1	7.5	346	2.08	35.8	1.4	48.8	4.3	26	0.8	0.9	0.3	36	0.89	0.169
1213773	Soil	1.2	45.4	63.4	226	0.9	45.2	14.5	703	2.68	130.2	1.6	38.3	2.5	45	1.8	0.7	0.3	54	1.26	0.084

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1111759	Soil	26	76	0.74	229	0.052	2	2.05	0.010	0.08	0.2	0.02	3.5	0.1	<0.05	6	0.8	<0.2
1111762	Soil	17	45	0.60	285	0.040	<1	1.80	0.010	0.06	0.1	0.03	3.0	<0.1	<0.05	5	0.6	<0.2
1111758	Soil	15	24	0.29	212	0.057	<1	1.22	0.010	0.04	0.1	0.02	1.9	0.1	<0.05	6	<0.5	<0.2
1213763	Soil	27	29	0.51	243	0.036	1	1.54	0.011	0.09	<0.1	0.07	3.5	0.2	<0.05	5	1.4	<0.2
1213766	Soil	16	30	0.52	182	0.040	2	1.77	0.009	0.06	0.1	0.06	3.2	0.1	<0.05	5	<0.5	<0.2
1213762	Soil	31	37	0.78	215	0.076	2	1.88	0.012	0.19	<0.1	0.04	3.8	0.3	<0.05	6	1.4	<0.2
1213764	Soil	20	38	0.54	259	0.045	1	1.75	0.017	0.08	0.1	0.04	3.4	0.1	<0.05	6	0.7	<0.2
1213765	Soil	19	32	0.54	199	0.054	1	1.86	0.011	0.06	0.2	0.06	3.6	0.1	<0.05	5	0.5	<0.2
1213778	Soil	18	20	0.44	275	0.039	2	1.19	0.018	0.04	0.1	0.04	2.9	<0.1	<0.05	4	0.7	<0.2
1213760	Soil	22	34	0.61	178	0.068	2	1.41	0.014	0.10	0.2	0.05	2.5	0.2	<0.05	5	1.2	<0.2
1213761	Soil	26	39	0.77	174	0.076	1	1.65	0.019	0.15	0.1	0.04	3.0	0.2	<0.05	6	0.9	<0.2
1213757	Soil	20	23	0.42	125	0.051	2	1.24	0.013	0.05	0.2	0.05	2.2	0.1	0.05	5	<0.5	<0.2
1213759	Soil	20	24	0.47	153	0.054	1	1.24	0.014	0.06	0.2	0.05	2.4	0.1	<0.05	4	0.5	<0.2
1213758	Soil	19	25	0.49	125	0.058	2	1.41	0.014	0.06	0.2	0.04	2.2	0.1	<0.05	5	0.7	<0.2
1213625	Soil	17	40	0.61	290	0.075	2	1.47	0.024	0.08	0.2	0.05	4.2	0.1	0.06	4	2.0	<0.2
1213777	Soil	14	19	0.43	237	0.025	2	1.19	0.017	0.05	0.1	0.04	2.5	<0.1	0.05	3	0.7	<0.2
1213756	Soil	22	29	0.47	88	0.055	<1	1.22	0.010	0.07	0.2	0.03	2.0	0.1	<0.05	5	<0.5	<0.2
1213779	Soil	24	26	0.50	283	0.051	2	1.56	0.020	0.07	0.1	0.04	4.2	<0.1	<0.05	5	0.5	<0.2
1213754	Soil	19	32	0.31	111	0.041	3	1.00	0.009	0.05	0.1	0.04	1.1	0.2	0.29	4	<0.5	<0.2
1213753	Soil	19	36	0.40	111	0.037	2	1.19	0.008	0.04	0.1	0.04	1.5	0.1	0.08	4	<0.5	<0.2
1213752	Soil	20	34	0.37	121	0.035	2	1.10	0.009	0.04	0.1	0.05	1.6	0.1	<0.05	4	<0.5	<0.2
1213624	Soil	18	33	0.59	299	0.046	2	1.59	0.015	0.05	0.2	0.05	3.1	0.1	0.08	5	<0.5	<0.2
1213627	Soil	18	81	0.97	255	0.072	2	1.86	0.012	0.16	0.1	0.03	3.2	0.2	0.06	6	<0.5	<0.2
1213626	Soil	9	78	0.61	181	0.044	1	1.11	0.009	0.06	0.1	0.04	2.0	0.1	0.08	5	1.4	<0.2
1213628	Soil	11	36	0.39	71	0.074	<1	1.26	0.008	0.06	0.2	0.03	1.7	0.1	0.08	8	<0.5	<0.2
1213751	Soil	18	50	0.58	85	0.060	1	1.28	0.009	0.11	0.1	0.02	2.0	0.2	<0.05	7	<0.5	<0.2
1213767	Soil	26	33	0.60	161	0.057	1	1.93	0.008	0.13	<0.1	0.04	3.0	0.2	<0.05	5	<0.5	<0.2
1213772	Soil	23	39	0.66	679	0.064	1	1.71	0.008	0.15	0.1	0.03	2.7	0.2	<0.05	6	<0.5	<0.2
1213775	Soil	28	31	0.86	118	0.023	2	1.52	0.008	0.06	1.7	0.04	4.4	0.1	0.05	4	0.7	<0.2
1213773	Soil	19	42	0.72	308	0.031	2	1.84	0.011	0.06	0.2	0.05	4.7	0.1	0.09	5	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1213776	Soil	0.9	25.2	20.9	73	0.5	30.0	10.5	599	2.26	126.3	1.0	49.7	3.0	50	0.5	0.5	0.2	39	1.72	0.055
1213774	Soil	0.9	29.4	82.5	183	0.7	62.4	6.4	672	2.09	34.3	1.1	27.8	5.2	20	1.2	1.0	0.4	35	0.76	0.174
1213771	Soil	2.6	62.9	24.3	82	<0.1	45.3	22.6	1022	4.30	670.1	1.4	26.5	8.2	13	0.3	0.9	0.3	60	0.21	0.088
1213769	Soil	1.5	28.3	15.2	52	<0.1	22.2	9.0	412	2.89	241.4	1.0	8.3	2.0	14	0.2	0.5	0.2	56	0.16	0.051
1213770	Soil	1.5	42.4	21.2	82	0.1	46.2	24.0	1032	3.78	321.3	1.2	26.0	8.6	16	0.2	0.6	0.2	61	0.28	0.091
1213768	Soil	1.0	34.4	32.3	76	0.1	35.9	17.3	594	3.53	302.9	1.1	24.0	8.0	14	0.2	0.5	0.2	56	0.14	0.034
1210641	Soil	0.8	18.0	13.2	57	<0.1	17.2	8.5	421	2.51	6.3	1.1	3.2	6.8	29	<0.1	0.3	0.1	49	0.36	0.019
1210643	Soil	0.5	14.2	10.8	60	<0.1	11.7	8.2	422	2.56	4.3	0.7	1.9	5.7	16	<0.1	0.3	0.1	44	0.21	0.029
1210642	Soil	0.6	17.1	15.1	68	<0.1	15.2	9.5	552	2.79	4.8	1.1	1.6	8.0	24	<0.1	0.3	0.3	48	0.36	0.032
1075489	Soil	0.7	19.1	12.7	54	<0.1	16.1	8.3	358	2.53	5.4	1.4	1.3	7.3	27	<0.1	0.3	0.2	47	0.36	0.024
1075490	Soil	0.5	13.2	10.6	49	<0.1	11.9	7.1	434	2.26	3.9	0.9	1.3	5.9	24	<0.1	0.3	0.1	41	0.27	0.041
1210646	Soil	0.8	23.9	20.3	54	0.1	30.8	12.0	520	2.70	10.3	0.6	2.0	3.0	34	0.1	0.5	0.3	60	0.90	0.025
1210648	Soil	0.5	25.2	12.1	52	0.1	28.0	10.5	450	2.49	10.2	0.4	5.2	1.9	38	0.1	0.4	0.2	55	0.92	0.057
1210647	Soil	0.7	21.4	11.5	57	<0.1	25.6	10.5	630	2.66	9.9	0.6	4.5	1.7	36	0.2	0.4	0.2	68	0.99	0.034
1210644	Soil	2.0	41.5	33.3	62	<0.1	34.4	13.2	599	3.44	6.7	1.0	1.1	5.9	50	0.1	0.5	0.4	50	0.75	0.079
1210649	Soil	0.4	24.9	11.6	49	0.1	26.2	10.1	437	2.42	9.5	0.4	2.3	1.9	36	0.1	0.4	0.2	54	0.90	0.054
1210645	Soil	0.5	22.5	14.5	44	0.2	24.2	9.5	649	2.43	6.6	0.9	1.5	2.0	54	0.4	0.3	0.2	58	1.01	0.030
1075487	Soil	0.8	24.4	10.0	67	0.1	15.1	8.6	538	2.84	6.0	1.3	2.6	8.8	27	0.1	0.2	0.2	49	0.44	0.037
1075486	Soil	0.9	21.4	15.6	57	0.1	21.8	9.9	412	2.55	21.4	1.1	11.0	4.3	26	0.2	0.3	0.1	55	0.36	0.044
1075484	Soil	1.0	26.0	21.2	63	0.1	18.1	9.4	549	2.59	44.3	1.3	35.9	7.6	22	<0.1	0.5	0.2	41	0.33	0.055

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

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

Project: FLU
Report Date: December 07, 2011

CERTIFICATE OF ANALYSIS DAW11000551.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1213776	Soil	18	28	0.60	153	0.025	2	1.46	0.010	0.05	0.2	0.04	3.3	<0.1	0.11	4	<0.5	<0.2
1213774	Soil	30	29	1.18	129	0.017	1	1.91	0.006	0.08	1.2	0.04	5.1	0.1	0.08	5	0.7	<0.2
1213771	Soil	30	63	0.94	139	0.060	2	2.14	0.006	0.16	0.1	0.02	3.0	0.2	<0.05	6	<0.5	<0.2
1213769	Soil	19	33	0.51	111	0.044	<1	1.74	0.007	0.07	0.1	0.02	2.3	0.1	<0.05	6	<0.5	<0.2
1213770	Soil	25	73	0.99	139	0.067	<1	2.09	0.007	0.19	<0.1	0.01	3.7	0.2	<0.05	6	<0.5	<0.2
1213768	Soil	23	45	0.63	163	0.056	1	2.23	0.008	0.10	0.1	0.04	3.6	0.2	<0.05	6	<0.5	<0.2
1210641	Soil	23	30	0.55	254	0.041	<1	1.59	0.011	0.05	<0.1	0.02	3.4	<0.1	<0.05	5	<0.5	<0.2
1210643	Soil	24	18	0.58	295	0.033	1	1.56	0.007	0.10	0.1	0.01	2.7	<0.1	<0.05	5	<0.5	<0.2
1210642	Soil	26	22	0.69	253	0.049	1	1.72	0.010	0.11	0.1	0.02	3.7	0.1	<0.05	6	<0.5	<0.2
1075489	Soil	25	27	0.49	488	0.028	2	1.56	0.010	0.08	0.1	0.02	3.9	0.1	<0.05	5	<0.5	<0.2
1075490	Soil	22	19	0.43	342	0.023	2	1.49	0.009	0.11	<0.1	0.01	3.0	0.1	<0.05	5	<0.5	<0.2
1210646	Soil	17	35	0.54	281	0.039	3	1.83	0.019	0.05	0.1	0.03	5.0	<0.1	<0.05	5	<0.5	<0.2
1210648	Soil	14	31	0.54	295	0.042	1	1.62	0.022	0.04	0.1	0.05	3.2	<0.1	0.07	4	<0.5	<0.2
1210647	Soil	12	32	0.46	250	0.044	<1	1.98	0.016	0.03	0.1	0.04	3.6	<0.1	0.05	5	<0.5	<0.2
1210644	Soil	28	36	0.58	758	0.010	4	1.53	0.011	0.08	0.3	0.03	6.0	<0.1	<0.05	4	<0.5	<0.2
1210649	Soil	14	29	0.51	295	0.040	1	1.55	0.019	0.04	0.1	0.05	3.2	<0.1	<0.05	4	<0.5	<0.2
1210645	Soil	16	30	0.50	670	0.027	2	1.77	0.018	0.05	0.1	0.03	4.0	<0.1	0.05	5	<0.5	<0.2
1075487	Soil	28	25	0.66	424	0.032	1	1.84	0.010	0.11	0.2	0.02	4.1	<0.1	0.08	6	<0.5	<0.2
1075486	Soil	18	38	0.54	336	0.037	<1	1.68	0.010	0.06	0.1	0.03	3.4	<0.1	<0.05	5	<0.5	<0.2
1075484	Soil	25	24	0.49	246	0.024	<1	1.33	0.010	0.08	<0.1	0.02	2.9	<0.1	<0.05	4	<0.5	<0.2

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www.acmelab.com

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

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QUALITY CONTROL REPORT DAW11000551.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																						
1213707	Soil		1.4	18.9	28.1	75	<0.1	19.9	10.0	350	2.80	28.8	2.0	7.8	20.4	20	0.1	0.5	0.3	48	0.23	0.062
REP 1213707	QC		1.5	19.0	28.2	73	<0.1	20.1	9.7	357	2.86	29.6	2.0	11.3	20.3	20	0.2	0.5	0.3	47	0.24	0.058
1213901	Soil		0.9	16.9	11.4	47	<0.1	26.2	12.3	369	3.15	9.2	0.8	2.0	5.8	12	0.1	0.6	0.2	58	0.10	0.031
REP 1213901	QC		1.1	17.7	11.4	47	<0.1	25.1	12.9	367	3.09	9.4	0.8	1.9	5.7	13	0.2	0.6	0.2	58	0.11	0.033
1213718	Soil		1.9	37.3	22.8	103	0.3	31.9	15.7	476	3.47	199.9	1.4	14.3	13.1	20	0.2	0.5	0.2	49	0.30	0.069
REP 1213718	QC		1.8	36.9	22.4	99	0.3	31.1	13.9	471	3.31	194.2	1.5	12.9	12.8	19	0.3	0.5	0.2	48	0.30	0.067
1213704	Soil		1.6	35.2	25.7	123	0.1	41.7	20.6	658	4.27	44.7	2.8	7.1	18.9	45	0.1	0.4	0.1	74	0.72	0.168
REP 1213704	QC		1.7	34.9	27.2	123	0.1	43.2	21.1	639	4.29	46.6	3.2	8.6	18.5	47	0.1	0.4	0.1	76	0.73	0.167
1111835	Soil		0.7	27.4	13.8	58	0.1	27.1	11.3	508	2.65	10.9	0.5	2.4	2.4	44	0.2	0.5	0.2	53	1.07	0.038
REP 1111835	QC		0.6	26.7	13.3	56	0.1	26.1	11.3	500	2.63	10.7	0.5	8.5	2.3	43	0.2	0.6	0.2	52	1.04	0.037
1111808	Soil		2.9	46.5	21.9	128	0.8	28.8	10.2	691	2.97	139.3	3.5	12.0	3.8	68	0.6	0.6	0.3	63	0.91	0.063
REP 1111808	QC		2.8	43.3	21.5	120	0.8	26.9	9.6	644	2.83	132.8	3.4	23.8	3.9	63	0.5	0.6	0.2	60	0.82	0.058
1111803	Soil		1.3	25.1	88.4	110	0.4	34.4	10.6	282	3.07	29.5	2.0	11.1	13.3	28	0.3	0.5	0.2	48	0.45	0.076
REP 1111803	QC		1.0	23.0	83.3	101	0.4	31.7	9.7	271	2.87	27.5	1.9	12.8	12.6	26	0.4	0.6	0.1	46	0.42	0.072
1109375	Soil		1.1	18.2	12.1	69	0.2	13.7	10.8	915	3.17	6.2	1.9	2.7	7.4	33	0.2	0.3	0.4	51	0.47	0.060
REP 1109375	QC		1.0	18.3	12.3	71	0.1	13.8	10.8	955	3.22	6.5	1.8	3.4	7.1	32	0.2	0.3	0.4	51	0.48	0.059
1109379	Soil		0.7	15.1	10.1	64	<0.1	13.3	7.3	405	2.55	3.7	1.1	2.3	6.7	23	0.1	0.4	0.5	40	0.37	0.047
REP 1109379	QC		0.7	15.2	9.8	64	<0.1	13.0	7.3	409	2.51	3.9	1.1	2.8	6.5	23	<0.1	0.4	0.4	41	0.36	0.045
1203841	Soil		2.2	22.8	16.3	70	0.2	20.1	11.7	462	2.67	88.2	1.1	9.9	2.5	23	0.2	0.6	0.2	55	0.34	0.051
REP 1203841	QC		2.1	23.3	17.3	70	0.3	21.2	12.1	471	2.70	87.3	1.1	15.2	2.5	25	0.2	0.6	0.2	56	0.34	0.055
1062079	Soil		0.8	28.7	24.1	61	<0.1	24.5	8.4	278	2.51	28.3	1.1	9.5	6.3	20	0.2	0.4	0.2	55	0.20	0.016
REP 1062079	QC		0.8	29.1	24.6	63	<0.1	24.8	8.6	289	2.62	28.5	1.1	6.6	6.4	21	0.2	0.5	0.1	57	0.20	0.017
1062059	Soil		0.9	15.9	8.7	57	<0.1	16.3	8.6	347	2.64	5.6	0.8	3.2	4.1	24	0.1	0.3	0.1	54	0.32	0.050
REP 1062059	QC		0.9	16.1	8.4	57	<0.1	16.0	8.3	334	2.54	5.6	0.8	1.8	4.0	23	0.1	0.2	0.1	51	0.32	0.048
1111770	Soil		1.8	33.5	48.6	89	<0.1	42.0	26.8	800	4.96	113.2	1.1	16.2	7.6	15	0.4	0.8	0.3	71	0.24	0.109
REP 1111770	QC		1.7	33.2	48.1	89	<0.1	42.3	26.8	795	5.07	110.1	1.1	33.6	7.5	16	0.3	0.8	0.3	72	0.24	0.108
1140460	Soil		0.5	25.2	17.5	65	0.2	21.0	9.5	238	2.94	31.7	1.5	10.6	2.3	54	0.4	0.5	0.2	42	1.12	0.062
REP 1140460	QC		0.5	26.2	17.2	67	0.2	21.6	9.5	244	2.98	33.3	1.5	10.8	2.2	57	0.4	0.5	0.2	43	1.15	0.062

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

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

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QUALITY CONTROL REPORT DAW11000551.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1213707	Soil	37	31	0.52	139	0.053	<1	1.82	0.009	0.11	0.1	0.02	2.9	0.2	<0.05	5	0.6	<0.2
REP 1213707	QC	37	31	0.53	138	0.054	<1	1.84	0.009	0.11	0.1	0.02	2.8	0.2	<0.05	6	0.6	<0.2
1213901	Soil	11	34	0.42	213	0.040	<1	2.70	0.009	0.06	0.1	0.02	3.4	0.1	<0.05	6	<0.5	<0.2
REP 1213901	QC	11	34	0.41	216	0.047	1	2.75	0.010	0.06	0.1	0.03	3.4	0.1	<0.05	6	0.8	<0.2
1213718	Soil	29	39	0.83	215	0.083	1	1.97	0.011	0.30	<0.1	<0.01	3.0	0.3	<0.05	6	0.6	<0.2
REP 1213718	QC	28	38	0.80	212	0.080	1	1.94	0.008	0.30	<0.1	0.01	3.0	0.3	<0.05	6	<0.5	<0.2
1213704	Soil	48	169	2.00	396	0.132	<1	2.83	0.011	0.61	0.1	0.02	7.1	0.6	<0.05	9	0.6	<0.2
REP 1213704	QC	48	173	2.06	404	0.145	<1	2.95	0.013	0.59	<0.1	0.02	7.4	0.6	<0.05	9	0.7	<0.2
1111835	Soil	15	28	0.53	396	0.038	3	1.61	0.021	0.06	0.2	0.04	4.2	<0.1	<0.05	4	<0.5	<0.2
REP 1111835	QC	14	28	0.53	392	0.037	2	1.65	0.022	0.06	0.1	0.03	4.1	<0.1	<0.05	4	<0.5	<0.2
1111808	Soil	26	36	0.58	566	0.031	<1	1.72	0.010	0.07	0.2	0.06	4.8	0.1	0.14	5	1.2	<0.2
REP 1111808	QC	25	33	0.55	551	0.026	<1	1.58	0.009	0.06	0.2	0.06	4.5	0.1	0.08	5	1.1	<0.2
1111803	Soil	32	103	0.90	305	0.053	2	1.66	0.016	0.09	0.2	0.03	3.9	0.1	<0.05	6	0.6	<0.2
REP 1111803	QC	29	97	0.85	284	0.050	2	1.53	0.014	0.09	0.1	0.03	3.6	<0.1	<0.05	5	<0.5	<0.2
1109375	Soil	21	23	0.55	358	0.034	2	1.78	0.014	0.06	0.1	0.05	4.5	<0.1	<0.05	6	<0.5	<0.2
REP 1109375	QC	21	23	0.54	348	0.033	2	1.72	0.012	0.06	0.2	0.05	4.4	<0.1	<0.05	6	<0.5	<0.2
1109379	Soil	22	21	0.52	285	0.045	3	1.57	0.011	0.10	0.2	0.03	3.4	0.1	<0.05	5	<0.5	<0.2
REP 1109379	QC	22	21	0.52	286	0.046	3	1.56	0.010	0.10	0.2	0.03	3.4	0.1	<0.05	5	<0.5	<0.2
1203841	Soil	14	31	0.53	191	0.037	<1	1.59	0.013	0.04	0.2	0.04	2.9	0.1	<0.05	5	<0.5	<0.2
REP 1203841	QC	14	32	0.53	195	0.038	<1	1.62	0.012	0.06	0.2	0.03	3.0	<0.1	<0.05	5	<0.5	<0.2
1062079	Soil	22	47	0.59	265	0.056	1	1.69	0.011	0.04	<0.1	0.03	4.7	<0.1	<0.05	5	<0.5	<0.2
REP 1062079	QC	22	47	0.59	274	0.059	<1	1.74	0.010	0.05	<0.1	0.03	4.8	<0.1	<0.05	5	<0.5	<0.2
1062059	Soil	18	28	0.62	193	0.069	2	1.77	0.013	0.07	0.2	0.03	3.3	<0.1	<0.05	6	<0.5	<0.2
REP 1062059	QC	17	27	0.60	189	0.065	1	1.68	0.011	0.07	0.1	0.02	3.2	<0.1	<0.05	6	<0.5	<0.2
1111770	Soil	20	198	1.36	159	0.046	<1	2.91	0.005	0.16	0.1	0.01	5.4	0.2	<0.05	7	<0.5	<0.2
REP 1111770	QC	19	204	1.38	159	0.046	1	2.86	0.005	0.15	0.1	0.02	5.6	0.2	<0.05	7	<0.5	<0.2
1140460	Soil	18	27	0.51	449	0.025	2	1.59	0.018	0.05	0.1	0.05	3.7	<0.1	0.09	4	<0.5	<0.2
REP 1140460	QC	19	28	0.52	475	0.028	3	1.67	0.020	0.06	0.1	0.06	3.9	<0.1	0.10	4	<0.5	<0.2

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

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		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1140476	Soil	1.1	17.8	10.7	63	<0.1	15.3	9.3	468	2.62	4.2	0.9	4.0	5.6	25	<0.1	0.4	0.1	48	0.27	0.054
REP 1140476	QC	1.0	17.8	10.8	64	<0.1	15.3	9.3	474	2.64	3.9	1.0	0.7	5.8	27	0.1	0.3	0.1	50	0.28	0.056
1213764	Soil	2.0	33.9	36.0	94	0.5	28.4	9.7	493	2.77	515.7	1.6	70.8	3.9	24	0.3	1.3	0.2	53	0.26	0.054
REP 1213764	QC	1.8	32.9	35.5	93	0.5	27.6	9.6	494	2.76	515.3	1.6	65.0	4.0	24	0.3	1.3	0.2	51	0.26	0.052
1213754	Soil	0.7	13.8	21.2	41	0.2	14.1	4.4	100	1.38	22.1	1.1	16.6	1.7	19	0.1	0.3	0.8	21	0.22	0.055
REP 1213754	QC	0.6	14.1	20.8	41	0.2	13.9	4.5	98	1.41	21.6	1.1	8.8	2.0	18	0.2	0.3	0.4	23	0.22	0.054
1210642	Soil	0.6	17.1	15.1	68	<0.1	15.2	9.5	552	2.79	4.8	1.1	1.6	8.0	24	<0.1	0.3	0.3	48	0.36	0.032
REP 1210642	QC	0.6	16.7	15.2	66	<0.1	15.0	9.6	539	2.75	4.7	1.1	1.8	8.1	25	<0.1	0.3	0.2	48	0.34	0.031
Reference Materials																					
STD DS8	Standard	12.3	105.3	127.7	296	1.8	34.6	7.0	585	2.32	25.0	3.1	115.5	7.5	65	2.5	4.6	5.2	40	0.66	0.072
STD DS8	Standard	13.2	107.4	122.7	307	1.6	38.0	7.4	608	2.48	26.9	2.6	101.3	6.4	65	2.2	5.2	6.2	43	0.67	0.079
STD DS8	Standard	13.4	108.9	119.4	300	1.8	38.6	7.6	610	2.47	25.4	2.7	102.6	6.9	63	2.1	5.1	5.8	42	0.70	0.076
STD DS8	Standard	12.3	109.8	132.1	315	1.9	35.9	7.3	605	2.62	26.5	3.2	110.5	7.4	62	2.2	4.6	5.4	42	0.68	0.078
STD DS8	Standard	12.7	107.0	127.7	299	1.7	36.6	7.0	588	2.38	24.5	3.0	109.1	6.9	61	2.1	6.1	5.0	40	0.68	0.078
STD DS8	Standard	13.2	108.7	131.6	304	1.8	39.3	7.3	607	2.46	26.1	2.8	112.0	6.8	67	2.2	5.6	6.7	42	0.68	0.080
STD DS8	Standard	12.5	104.1	120.7	293	1.7	37.4	7.4	596	2.33	23.2	2.6	101.6	5.8	59	1.9	4.8	5.2	44	0.66	0.078
STD DS8	Standard	12.6	101.3	119.7	295	1.7	35.4	7.0	596	2.39	25.0	2.6	113.3	6.0	63	2.2	5.1	5.5	39	0.68	0.080
STD DS8	Standard	12.7	104.8	124.2	291	1.8	37.3	7.4	603	2.43	25.8	2.7	112.9	6.3	65	2.2	5.1	5.7	41	0.68	0.075
STD DS8	Standard	13.4	106.9	119.9	300	1.8	37.8	7.6	609	2.43	27.1	2.8	111.0	7.1	67	2.3	5.5	6.6	40	0.68	0.076
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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

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

Project: FLU
Report Date: December 07, 2011

QUALITY CONTROL REPORT DAW11000551.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1140476	Soil	17	28	0.57	151	0.082	1	1.55	0.012	0.06	0.1	0.03	2.8	<0.1	<0.05	6	<0.5	<0.2
REP 1140476	QC	18	28	0.58	152	0.089	2	1.61	0.013	0.07	<0.1	0.02	2.9	<0.1	<0.05	6	<0.5	<0.2
1213764	Soil	20	38	0.54	259	0.045	1	1.75	0.017	0.08	0.1	0.04	3.4	0.1	<0.05	6	0.7	<0.2
REP 1213764	QC	20	39	0.55	257	0.051	<1	1.73	0.012	0.08	0.1	0.03	3.5	0.1	<0.05	5	<0.5	<0.2
1213754	Soil	19	32	0.31	111	0.041	3	1.00	0.009	0.05	0.1	0.04	1.1	0.2	0.29	4	<0.5	<0.2
REP 1213754	QC	18	33	0.31	108	0.041	3	0.98	0.008	0.05	0.1	0.04	1.5	0.2	0.12	4	<0.5	<0.2
1210642	Soil	26	22	0.69	253	0.049	1	1.72	0.010	0.11	0.1	0.02	3.7	0.1	<0.05	6	<0.5	<0.2
REP 1210642	QC	26	23	0.66	256	0.049	1	1.63	0.009	0.11	<0.1	0.01	3.6	0.1	<0.05	6	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	14	112	0.59	275	0.115	2	0.94	0.102	0.42	2.6	0.18	3.1	5.4	0.14	5	5.1	4.6
STD DS8	Standard	15	120	0.59	273	0.111	2	0.90	0.095	0.42	2.9	0.19	2.3	5.2	0.12	5	4.8	4.8
STD DS8	Standard	16	117	0.60	269	0.115	2	0.93	0.093	0.40	2.8	0.17	2.2	5.2	0.11	5	4.9	5.0
STD DS8	Standard	13	115	0.60	281	0.111	3	0.95	0.113	0.44	2.9	0.22	3.0	5.6	0.16	5	5.0	4.7
STD DS8	Standard	16	113	0.59	273	0.120	3	0.94	0.119	0.41	2.7	0.20	3.0	5.2	0.13	4	5.8	4.7
STD DS8	Standard	15	118	0.61	274	0.113	2	0.92	0.088	0.42	2.9	0.18	2.2	5.5	0.17	4	5.2	4.9
STD DS8	Standard	14	118	0.60	254	0.108	2	0.89	0.086	0.39	2.7	0.18	1.9	5.0	0.21	4	4.4	4.6
STD DS8	Standard	15	118	0.60	263	0.110	2	0.88	0.092	0.42	2.9	0.22	1.9	5.5	0.11	5	5.0	5.1
STD DS8	Standard	16	118	0.60	266	0.115	3	0.89	0.085	0.40	2.9	0.18	2.1	5.2	0.18	5	4.3	4.5
STD DS8	Standard	17	107	0.60	277	0.118	3	0.91	0.111	0.41	3.1	0.18	2.4	5.2	0.17	5	4.9	4.7
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

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

Project: FLU
Report Date: December 07, 2011

QUALITY CONTROL REPORT DAW11000551.1

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

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QUALITY CONTROL REPORT DAW11000551.1

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

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1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

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

Submitted By: Mike Skead
Receiving Lab: Canada-Dawson City
Received: October 14, 2011
Report Date: December 05, 2011
Page: 1 of 8

CERTIFICATE OF ANALYSIS DAW11000552.1

CLIENT JOB INFORMATION

Project: FLU
Shipment ID: FLU2011-01
P.O. Number
Number of Samples: 208

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
PICKUP-RJT Client to Pickup Rejects

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

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

ADDITIONAL COMMENTS

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

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Project: FLU
Report Date: December 05, 2011

CERTIFICATE OF ANALYSIS DAW11000552.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1075479	Soil		1.0	29.5	30.8	74	0.3	23.6	9.4	317	2.71	69.1	1.3	123.4	6.1	27	0.1	0.7	0.2	52	0.41	0.049
1075481	Soil		1.0	33.7	20.5	72	0.1	26.4	11.1	429	2.83	70.4	1.1	14.2	7.4	24	0.2	0.6	0.1	51	0.33	0.045
1075483	Soil		1.1	40.7	143.2	208	0.2	30.0	11.1	511	3.10	72.3	1.8	116.7	10.2	25	1.0	0.8	0.2	54	0.44	0.078
1075485	Soil		1.0	29.3	18.5	63	<0.1	23.8	10.1	447	2.84	43.5	1.6	29.2	6.8	25	0.2	0.7	0.1	52	0.39	0.058
1075480	Soil		0.7	30.4	29.6	84	0.2	22.5	8.8	303	2.56	68.5	1.1	11.1	5.6	24	0.2	0.7	0.2	50	0.35	0.046
1075482	Soil		1.1	35.0	24.0	75	0.1	26.2	9.7	434	2.77	104.1	1.3	28.2	6.4	20	0.2	0.7	0.1	51	0.24	0.039
1075478	Soil		0.9	39.2	28.0	95	0.3	26.5	13.3	498	3.62	259.6	2.0	42.4	7.6	35	0.3	0.8	0.2	64	0.63	0.146
1075470	Soil		0.7	46.4	38.5	93	0.3	28.1	17.9	539	3.05	318.4	3.5	22.0	4.9	36	0.6	0.8	0.2	49	0.97	0.044
1075471	Soil		0.9	39.1	38.6	116	0.3	27.5	11.4	272	2.51	127.6	1.9	32.5	3.9	36	0.7	0.8	0.2	46	0.85	0.051
1075476	Soil		1.0	22.4	15.5	57	0.1	21.8	9.3	294	2.67	19.6	1.1	6.7	6.7	21	0.1	0.6	0.1	61	0.32	0.025
1075474	Soil		1.1	36.2	17.3	97	0.2	35.4	15.6	679	3.93	131.0	1.3	30.4	5.3	25	0.3	0.9	0.2	85	0.68	0.057
1075475	Soil		0.8	30.5	26.3	94	<0.1	37.1	13.3	605	3.21	69.7	1.5	28.4	18.6	22	0.2	0.7	<0.1	51	0.62	0.128
1075477	Soil		1.3	34.9	20.0	75	0.1	26.8	12.0	421	2.90	143.5	1.6	40.6	7.1	22	0.3	0.8	0.1	53	0.35	0.050
1075473	Soil		0.8	26.0	28.3	91	0.2	23.3	15.0	614	3.82	87.6	1.5	7.1	3.9	26	0.3	0.5	0.3	74	0.80	0.050
1075472	Soil		1.0	35.2	18.0	76	0.3	29.1	12.0	545	2.77	110.3	1.5	305.8	3.7	34	0.3	1.0	0.2	55	0.96	0.048
1075469	Soil		0.8	21.8	13.1	86	0.1	18.2	10.7	486	2.95	6.4	1.2	0.8	6.5	31	0.3	0.6	0.2	52	0.46	0.065
1075465	Soil		0.6	25.2	12.3	84	0.1	17.6	11.4	512	2.89	6.5	1.4	5.5	7.5	29	0.3	0.5	0.2	53	0.41	0.066
1062097	Soil		1.3	29.6	28.2	86	0.3	31.3	9.4	300	2.46	46.1	1.1	7.7	4.9	23	0.3	0.7	0.1	56	0.27	0.048
1062082	Soil		0.6	23.4	14.5	72	0.2	22.2	10.8	564	2.42	87.8	1.0	17.6	2.4	44	0.4	0.6	0.1	42	1.43	0.060
1062083	Soil		0.7	20.3	13.8	76	0.1	24.9	11.2	458	2.55	74.2	0.8	6.7	3.5	44	0.3	0.5	0.1	41	1.47	0.082
1062085	Soil		0.6	25.0	31.0	105	0.3	27.2	9.7	627	2.20	124.8	0.7	13.4	2.3	56	0.8	0.5	0.2	39	1.90	0.070
1062081	Soil		0.6	22.6	14.0	71	0.2	22.0	9.1	1095	2.08	56.8	1.3	12.1	2.9	46	0.4	0.4	0.1	37	1.60	0.055
1062088	Soil		1.9	38.5	83.8	189	1.1	34.4	13.5	844	2.44	308.9	3.0	49.5	2.5	66	1.7	0.8	0.1	40	1.38	0.076
1062087	Soil		1.5	41.6	26.5	95	0.6	34.9	11.4	508	2.92	401.8	1.9	65.2	5.8	35	0.3	1.0	0.2	42	0.73	0.086
1062086	Soil		0.6	19.2	22.7	72	0.2	23.1	9.8	294	2.43	116.4	1.2	9.1	3.0	54	0.3	0.6	0.1	43	1.50	0.074
1062084	Soil		0.7	23.2	19.5	148	0.3	24.5	9.5	507	2.21	127.0	1.0	15.0	2.6	64	0.9	0.6	0.2	40	1.83	0.071
1062080	Soil		2.0	16.6	14.2	73	0.1	15.5	10.2	580	2.89	7.4	1.2	6.6	4.7	20	0.2	0.4	0.2	61	0.26	0.062
1140201	Soil		1.2	18.3	29.0	70	0.2	17.4	6.8	165	2.28	204.6	1.2	35.3	3.3	18	0.2	0.5	0.1	43	0.23	0.056
1140202	Soil		0.9	17.0	30.7	72	0.2	16.1	5.5	131	2.05	178.8	0.9	27.3	1.9	17	0.3	0.5	0.1	37	0.19	0.052
1062098	Soil		2.3	35.7	33.3	95	0.6	27.7	14.7	873	2.75	50.2	1.1	21.5	3.4	26	1.0	0.6	0.2	67	0.26	0.070

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

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

Project: FLU
Report Date: December 05, 2011

CERTIFICATE OF ANALYSIS DAW11000552.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1075479	Soil		19	36	0.61	268	0.066	2	1.66	0.015	0.06	0.1	0.02	4.1	<0.1	<0.05	5	0.6	<0.2
1075481	Soil		22	35	0.64	247	0.070	2	1.61	0.014	0.07	0.1	0.02	4.3	<0.1	<0.05	5	<0.5	<0.2
1075483	Soil		27	44	0.74	259	0.040	2	1.84	0.010	0.08	<0.1	0.04	4.8	<0.1	<0.05	6	0.7	<0.2
1075485	Soil		21	31	0.61	302	0.053	2	1.61	0.014	0.07	0.1	0.03	4.7	<0.1	<0.05	5	0.8	<0.2
1075480	Soil		19	34	0.60	259	0.062	1	1.63	0.016	0.05	0.2	0.03	4.1	<0.1	<0.05	5	1.0	<0.2
1075482	Soil		20	39	0.62	257	0.059	2	1.83	0.014	0.07	<0.1	0.02	4.8	<0.1	<0.05	5	0.7	<0.2
1075478	Soil		24	35	1.14	467	0.093	<1	2.16	0.012	0.26	0.1	0.03	5.8	0.2	<0.05	6	0.6	<0.2
1075470	Soil		21	29	0.61	214	0.039	2	1.65	0.017	0.07	<0.1	0.04	4.2	<0.1	0.05	5	0.5	<0.2
1075471	Soil		17	28	0.56	224	0.045	2	1.51	0.017	0.07	0.1	0.03	3.4	<0.1	<0.05	4	1.4	<0.2
1075476	Soil		17	38	0.66	241	0.065	1	1.93	0.015	0.05	0.1	0.03	4.6	0.1	<0.05	5	0.8	<0.2
1075474	Soil		14	64	1.26	252	0.057	1	2.31	0.011	0.08	0.1	0.02	6.9	0.1	<0.05	7	1.0	<0.2
1075475	Soil		38	88	1.09	313	0.063	<1	2.03	0.008	0.26	<0.1	<0.01	4.8	0.2	<0.05	7	0.8	<0.2
1075477	Soil		21	36	0.66	309	0.049	<1	1.74	0.013	0.07	0.1	0.02	4.9	<0.1	<0.05	5	0.9	<0.2
1075473	Soil		12	38	1.39	250	0.094	1	2.36	0.013	0.23	0.1	0.02	5.6	0.3	<0.05	6	<0.5	<0.2
1075472	Soil		15	49	0.74	184	0.051	1	1.59	0.015	0.07	<0.1	0.04	3.7	0.1	<0.05	5	0.8	<0.2
1075469	Soil		16	25	0.64	248	0.074	1	1.62	0.017	0.06	0.1	0.03	3.9	<0.1	<0.05	6	0.8	<0.2
1075465	Soil		19	28	0.66	273	0.065	2	1.78	0.018	0.06	0.2	0.04	4.5	0.1	<0.05	7	0.5	<0.2
1062097	Soil		15	60	0.67	310	0.072	<1	1.58	0.014	0.08	0.1	0.02	3.4	<0.1	<0.05	5	<0.5	<0.2
1062082	Soil		14	28	0.57	280	0.026	2	1.49	0.015	0.07	0.3	0.04	3.8	<0.1	0.08	4	1.0	<0.2
1062083	Soil		16	29	0.58	385	0.031	3	1.39	0.015	0.08	0.2	0.03	3.8	<0.1	<0.05	4	1.3	<0.2
1062085	Soil		16	26	0.62	248	0.036	3	1.40	0.014	0.05	0.4	0.04	2.8	<0.1	0.06	4	0.7	<0.2
1062081	Soil		14	23	0.57	206	0.027	3	1.24	0.013	0.06	0.1	0.03	2.8	<0.1	0.08	4	1.1	<0.2
1062088	Soil		19	33	0.57	322	0.032	2	1.68	0.013	0.07	0.1	0.07	3.8	0.1	0.08	4	1.6	<0.2
1062087	Soil		25	36	0.69	314	0.040	<1	1.79	0.011	0.08	2.8	0.04	4.7	0.1	<0.05	5	0.7	<0.2
1062086	Soil		17	27	0.61	229	0.039	3	1.43	0.020	0.05	0.1	0.04	3.2	<0.1	<0.05	4	0.6	<0.2
1062084	Soil		14	28	0.54	418	0.038	3	1.42	0.017	0.05	0.2	0.05	2.9	<0.1	0.06	4	1.0	<0.2
1062080	Soil		18	28	0.53	172	0.045	1	1.76	0.012	0.07	0.2	0.03	2.9	<0.1	<0.05	7	<0.5	<0.2
1140201	Soil		18	28	0.51	131	0.042	2	1.35	0.010	0.05	0.2	0.03	2.2	0.1	<0.05	5	0.6	<0.2
1140202	Soil		14	24	0.47	146	0.040	1	1.33	0.013	0.05	0.2	0.04	2.2	0.1	0.06	4	0.8	<0.2
1062098	Soil		14	41	0.52	489	0.054	<1	1.65	0.012	0.11	0.2	0.02	3.1	<0.1	<0.05	6	1.1	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1140204	Soil	0.6	15.5	19.8	47	0.2	13.2	3.5	96	1.42	103.5	1.2	17.1	2.7	21	0.1	0.4	0.1	29	0.25	0.061
1062095	Soil	0.8	30.9	24.5	54	0.2	26.0	8.8	307	2.30	17.7	1.3	5.1	4.4	30	0.2	0.5	<0.1	53	0.40	0.047
1140205	Soil	2.1	23.9	31.4	97	0.3	21.6	11.1	655	2.61	186.3	2.3	28.0	11.6	28	0.3	0.5	0.2	45	0.29	0.076
1062100	Soil	1.0	11.2	16.1	51	0.2	13.4	4.3	123	1.43	79.5	1.0	15.0	2.3	17	0.1	0.3	0.1	32	0.20	0.052
1062096	Soil	1.5	39.5	50.2	80	0.6	33.3	11.2	414	2.99	28.6	0.9	3.9	3.6	24	0.4	0.6	0.2	64	0.24	0.055
1062099	Soil	2.6	41.1	23.5	93	0.7	31.4	10.1	301	2.44	46.7	2.0	3.3	2.6	23	1.5	0.8	0.2	59	0.17	0.040
1140203	Soil	0.8	15.3	22.9	52	0.1	13.2	4.0	107	1.56	137.2	1.0	16.0	2.0	19	0.2	0.3	0.2	33	0.23	0.055
1062093	Soil	2.1	37.4	214.5	179	0.5	30.9	12.7	609	3.51	949.8	1.3	180.0	7.7	22	0.9	1.2	0.3	60	0.20	0.051
1140207	Soil	1.5	28.8	84.5	123	0.9	21.1	11.4	564	2.36	373.4	1.6	79.1	3.6	23	0.5	0.5	0.2	44	0.26	0.058
1140206	Soil	1.0	32.6	44.8	84	0.8	23.0	10.6	775	1.47	125.7	2.1	34.6	2.0	36	0.7	0.4	0.1	27	0.40	0.081
1062091	Soil	1.5	38.9	39.5	123	0.3	36.5	15.7	638	3.70	433.0	1.6	42.6	6.3	18	0.6	0.7	0.2	62	0.22	0.053
1062090	Soil	1.6	26.6	21.0	59	0.1	21.8	9.7	326	2.89	292.5	1.3	23.6	4.3	14	0.2	0.5	0.2	52	0.14	0.036
1062089	Soil	1.2	33.5	27.8	103	0.3	30.4	12.6	456	3.45	291.8	1.5	29.9	7.2	85	0.2	0.5	0.2	54	0.48	0.149
1062092	Soil	0.5	23.0	18.7	26	0.4	7.6	2.2	64	0.93	54.9	0.8	6.2	<0.1	10	0.8	0.2	0.1	23	0.07	0.057
1062094	Soil	1.9	46.2	126.9	170	0.8	27.0	10.8	540	3.00	733.0	1.4	154.2	4.2	19	1.0	0.7	0.2	47	0.19	0.047
1111726	Soil	0.5	7.6	11.6	40	<0.1	8.4	3.7	110	1.32	3.1	0.8	2.1	5.2	17	<0.1	0.2	0.1	26	0.22	0.045
1111733	Soil	0.8	13.8	12.8	51	<0.1	15.4	8.2	247	2.87	7.8	0.7	2.4	5.8	12	<0.1	0.4	0.1	60	0.12	0.017
1111727	Soil	0.8	13.1	15.2	62	<0.1	11.0	6.7	282	2.12	3.6	1.7	4.4	8.9	31	0.1	0.3	0.1	38	0.42	0.042
1111730	Soil	1.5	18.4	16.0	70	0.2	12.6	9.7	1007	2.59	4.8	1.5	5.2	2.9	43	0.2	0.3	0.2	41	0.62	0.070
1111725	Soil	0.6	21.5	8.9	70	0.1	17.2	12.8	1828	3.60	5.6	0.8	4.3	1.9	106	0.3	0.4	0.1	62	1.36	0.089
1111731	Soil	1.0	20.2	12.9	57	0.2	12.8	7.2	450	2.57	5.2	1.1	3.7	1.5	33	0.2	0.3	0.2	48	0.42	0.055
1111729	Soil	1.2	20.9	16.6	78	<0.1	11.6	8.8	573	2.44	3.0	1.1	4.2	6.6	29	0.2	0.3	0.2	42	0.40	0.063
1111732	Soil	1.1	16.3	13.2	63	<0.1	13.6	8.3	414	2.65	5.9	1.0	3.1	4.3	15	<0.1	0.3	0.2	55	0.20	0.034
1111728	Soil	4.0	20.6	15.4	72	0.1	11.7	9.9	517	3.14	6.4	4.5	3.3	6.9	33	0.1	0.4	0.2	45	0.49	0.062
1111712	Soil	2.3	30.1	17.7	52	0.3	24.3	9.8	318	2.46	116.0	2.0	17.8	1.7	26	0.1	0.6	0.2	48	0.22	0.049
1111708	Soil	2.7	20.3	26.5	118	0.3	26.0	14.8	713	3.31	73.1	1.9	4.9	8.9	49	0.2	0.5	0.2	63	0.73	0.097
1111710	Soil	1.3	22.4	23.2	74	0.1	26.6	10.6	274	2.50	61.0	1.1	12.6	4.1	30	0.2	0.7	0.2	50	0.39	0.059
1111711	Soil	1.8	38.2	19.7	89	0.2	30.1	8.8	257	2.69	179.2	1.7	11.7	4.9	26	0.5	1.1	0.2	50	0.24	0.066
1111707	Soil	1.6	14.1	13.4	84	0.2	19.4	7.0	203	2.12	28.5	1.0	5.3	4.2	31	0.2	0.5	0.1	48	0.48	0.078
1111705	Soil	1.2	26.7	31.1	101	0.3	23.7	9.9	267	2.68	30.0	2.4	4.6	5.7	34	0.4	0.5	0.2	54	0.45	0.064

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1140204	Soil	13	26	0.40	122	0.044	<1	1.09	0.010	0.05	0.1	0.04	1.9	<0.1	0.05	4	<0.5	<0.2
1062095	Soil	15	42	0.56	337	0.075	1	1.42	0.023	0.05	0.2	0.03	4.5	<0.1	<0.05	4	<0.5	<0.2
1140205	Soil	24	32	0.58	164	0.063	1	1.50	0.013	0.10	0.1	0.03	2.5	0.2	<0.05	5	0.7	<0.2
1062100	Soil	17	24	0.41	122	0.040	1	1.12	0.009	0.05	0.2	0.04	1.8	0.1	0.06	4	<0.5	<0.2
1062096	Soil	12	63	0.67	348	0.086	1	1.91	0.016	0.16	0.1	0.03	3.2	0.1	<0.05	7	<0.5	<0.2
1062099	Soil	16	36	0.43	618	0.047	<1	1.22	0.017	0.12	0.2	0.03	2.8	<0.1	<0.05	5	0.9	<0.2
1140203	Soil	13	26	0.43	117	0.048	1	1.26	0.013	0.05	0.1	0.06	2.2	0.1	0.06	4	0.6	<0.2
1062093	Soil	22	44	0.66	132	0.072	1	1.75	0.011	0.12	0.2	0.04	2.9	0.2	<0.05	6	0.6	<0.2
1140207	Soil	17	40	0.52	175	0.040	<1	1.49	0.014	0.07	0.1	0.04	2.6	0.1	<0.05	5	<0.5	<0.2
1140206	Soil	23	35	0.41	284	0.036	<1	1.27	0.016	0.06	0.1	0.08	2.9	0.1	0.06	4	<0.5	<0.2
1062091	Soil	19	51	0.75	139	0.080	1	2.21	0.012	0.12	0.2	0.05	3.6	0.2	<0.05	6	0.6	<0.2
1062090	Soil	18	30	0.50	113	0.062	<1	1.61	0.011	0.08	0.1	0.04	2.5	0.1	<0.05	6	<0.5	<0.2
1062089	Soil	25	36	0.74	302	0.096	<1	2.11	0.012	0.26	0.1	0.04	3.4	0.2	<0.05	7	<0.5	<0.2
1062092	Soil	7	15	0.08	88	0.017	<1	0.62	0.016	0.04	<0.1	0.06	0.5	<0.1	<0.05	2	<0.5	<0.2
1062094	Soil	20	39	0.50	147	0.044	<1	1.41	0.010	0.09	0.2	0.04	2.8	<0.1	<0.05	5	<0.5	<0.2
1111726	Soil	16	16	0.32	275	0.010	3	1.30	0.010	0.12	0.1	0.05	2.7	0.1	<0.05	4	<0.5	<0.2
1111733	Soil	15	30	0.50	131	0.064	<1	2.05	0.012	0.07	0.1	0.03	3.1	0.1	<0.05	6	<0.5	<0.2
1111727	Soil	23	19	0.49	317	0.030	2	1.65	0.022	0.15	0.1	0.03	3.9	0.1	<0.05	5	<0.5	<0.2
1111730	Soil	21	19	0.54	307	0.035	2	1.80	0.013	0.16	0.1	0.06	4.1	0.2	<0.05	6	<0.5	<0.2
1111725	Soil	10	21	0.64	397	0.014	4	1.46	0.014	0.07	0.2	0.04	6.1	<0.1	0.09	5	<0.5	<0.2
1111731	Soil	17	21	0.46	323	0.034	2	1.77	0.014	0.12	0.1	0.05	3.3	0.1	<0.05	6	<0.5	<0.2
1111729	Soil	21	18	0.64	346	0.041	<1	1.77	0.013	0.13	<0.1	0.03	3.5	0.1	<0.05	6	<0.5	<0.2
1111732	Soil	16	24	0.55	214	0.048	1	1.79	0.010	0.09	0.1	0.03	3.2	0.1	<0.05	6	<0.5	<0.2
1111728	Soil	22	18	0.57	393	0.041	2	1.77	0.013	0.15	0.1	0.04	4.3	0.1	<0.05	6	0.9	<0.2
1111712	Soil	13	54	0.50	227	0.041	<1	1.55	0.013	0.07	0.1	0.05	2.7	0.1	<0.05	5	0.5	<0.2
1111708	Soil	22	69	1.09	322	0.090	<1	2.00	0.014	0.20	0.1	0.03	4.2	0.2	<0.05	7	1.1	<0.2
1111710	Soil	15	55	0.60	215	0.046	1	1.67	0.012	0.06	0.1	0.04	3.1	0.1	<0.05	5	<0.5	<0.2
1111711	Soil	18	45	0.63	185	0.056	<1	1.44	0.012	0.10	0.1	0.02	2.6	0.1	<0.05	4	<0.5	<0.2
1111707	Soil	15	36	0.65	258	0.062	<1	1.50	0.014	0.06	0.2	0.03	2.9	0.1	<0.05	5	<0.5	<0.2
1111705	Soil	21	53	0.64	394	0.038	1	1.74	0.016	0.06	0.2	0.05	4.1	0.1	<0.05	6	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1111706	Soil	2.1	23.8	21.5	99	0.3	28.5	13.4	572	2.63	86.4	2.0	5.9	4.5	52	0.3	0.6	0.2	54	0.78	0.073
1111702	Soil	1.0	20.8	35.9	90	0.3	22.1	9.3	431	2.44	44.1	1.9	11.5	7.5	45	0.3	0.6	0.2	46	0.60	0.054
1111704	Soil	0.7	29.7	32.4	77	0.2	43.4	13.9	732	2.56	9.1	2.3	6.6	8.4	38	0.3	0.4	0.2	48	0.45	0.055
1111701	Soil	1.6	38.9	59.2	136	0.4	31.3	12.8	314	3.16	259.5	2.4	20.7	5.9	58	0.8	0.9	0.2	39	1.36	0.063
1111709	Soil	1.0	25.1	14.4	67	0.2	21.0	15.7	617	3.25	63.6	1.7	9.9	5.2	46	0.3	0.6	0.1	55	0.74	0.149
1111703	Soil	0.6	17.1	18.9	73	0.1	18.3	10.4	314	2.63	10.9	1.5	2.7	7.5	36	0.2	0.5	0.1	54	0.43	0.052
1111714	Soil	2.4	41.5	24.6	87	0.7	33.2	12.3	1021	2.48	115.5	2.6	131.9	1.9	56	0.7	0.7	0.2	43	0.95	0.073
1111720	Soil	0.8	93.8	20.0	71	0.3	30.1	13.1	247	2.68	45.6	1.6	10.5	3.2	51	0.5	0.8	0.3	50	1.59	0.060
1111715	Soil	1.3	47.1	19.3	82	0.4	37.2	13.7	663	3.04	248.9	1.3	34.3	5.4	37	0.4	1.0	0.2	53	1.23	0.064
1111718	Soil	1.1	38.2	28.5	70	0.5	27.7	12.0	344	2.25	63.0	2.8	11.1	2.1	51	0.6	0.6	0.3	43	1.28	0.062
1111719	Soil	1.1	49.7	18.1	70	0.4	31.3	13.6	601	2.89	75.3	2.4	9.6	2.7	55	0.2	0.6	0.2	55	1.52	0.062
1111721	Soil	0.4	25.0	15.8	62	0.1	21.6	7.8	360	1.50	17.7	1.1	4.6	1.3	75	0.4	0.5	0.1	38	2.60	0.065
1111724	Soil	0.3	17.7	9.9	84	<0.1	13.5	12.2	260	3.52	2.6	0.5	5.0	2.4	35	0.2	0.4	0.1	78	0.70	0.100
1111716	Soil	1.0	44.5	82.3	208	0.5	32.7	16.6	572	3.69	782.9	1.1	194.5	5.3	30	1.1	1.2	0.3	66	0.73	0.050
1111717	Soil	0.8	40.9	80.3	203	0.5	32.1	16.0	551	3.45	744.6	1.0	157.5	4.9	30	1.0	1.1	0.3	65	0.69	0.049
1111722	Soil	0.6	22.3	13.4	51	0.1	20.7	7.7	247	1.65	11.6	3.7	5.5	1.2	81	0.4	0.6	0.2	41	2.14	0.072
1111723	Soil	0.3	26.3	16.0	86	<0.1	18.7	8.7	269	2.41	9.9	1.5	4.6	2.3	50	0.3	0.6	0.2	49	1.48	0.056
1111713	Soil	1.7	39.8	27.0	71	0.6	30.8	9.7	334	2.94	72.6	1.6	18.7	3.0	26	0.3	0.7	0.3	56	0.27	0.051
1213556	Soil	1.1	19.3	15.2	76	0.3	22.5	12.4	525	3.42	9.2	1.4	8.2	6.9	31	0.1	0.4	0.2	65	0.36	0.058
1213557	Soil	0.4	22.9	15.7	87	0.1	18.3	9.4	291	2.29	12.2	1.6	13.1	5.5	44	0.3	0.5	0.2	49	0.69	0.057
1213564	Soil	0.7	25.9	14.7	68	<0.1	20.5	10.6	419	3.23	29.8	1.2	11.8	7.4	32	<0.1	0.6	0.1	58	0.41	0.053
1213558	Soil	1.8	24.3	21.1	62	0.6	24.5	19.6	2385	2.67	51.7	1.3	19.7	2.3	59	0.3	0.5	0.2	50	0.74	0.051
1213560	Soil	1.2	28.7	17.4	69	<0.1	24.5	10.9	430	2.80	35.2	1.2	12.7	7.0	26	0.2	0.5	0.2	51	0.31	0.043
1213559	Soil	1.1	28.9	16.6	68	0.1	24.0	11.6	441	2.85	34.9	1.3	13.8	7.1	26	0.2	0.5	0.2	53	0.31	0.045
1213562	Soil	1.2	24.7	19.6	57	0.2	22.5	10.0	450	2.70	43.6	1.4	20.1	4.4	33	<0.1	0.5	0.2	57	0.40	0.041
1213561	Soil	1.0	31.3	21.7	70	0.2	26.5	11.1	403	2.73	46.1	1.5	10.5	5.8	36	0.2	0.6	0.2	53	0.41	0.051
1213565	Soil	1.0	23.4	15.9	66	<0.1	17.6	10.8	499	3.06	26.5	1.2	18.2	8.5	28	<0.1	0.5	0.2	58	0.40	0.049
1213566	Soil	0.5	20.3	10.1	49	<0.1	17.2	7.9	323	2.05	6.5	0.7	4.9	0.8	70	0.4	0.5	0.2	49	1.87	0.043
1213563	Soil	1.0	20.6	17.3	57	0.1	20.1	8.9	309	2.77	33.5	0.8	9.2	4.7	29	<0.1	0.5	0.2	59	0.32	0.027
1213567	Soil	0.3	27.6	11.4	50	0.1	23.3	10.0	454	2.26	8.3	1.1	4.8	1.6	86	0.3	0.6	0.2	52	2.17	0.057

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www.acmelab.com

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

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Report Date: December 05, 2011

CERTIFICATE OF ANALYSIS DAW11000552.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1111706	Soil		19	72	0.69	458	0.039	1	1.66	0.016	0.05	0.2	0.05	3.6	0.1	<0.05	5	<0.5	<0.2
1111702	Soil		22	41	0.60	372	0.040	2	1.62	0.014	0.07	0.1	0.04	3.5	0.1	<0.05	5	<0.5	<0.2
1111704	Soil		22	143	0.70	314	0.029	2	1.83	0.013	0.06	0.1	0.04	4.5	0.1	<0.05	6	0.7	<0.2
1111701	Soil		21	45	0.59	374	0.026	<1	1.45	0.024	0.07	0.1	0.05	3.5	<0.1	0.09	4	0.5	<0.2
1111709	Soil		24	36	0.82	327	0.048	1	1.66	0.015	0.11	<0.1	0.04	6.4	0.1	<0.05	5	0.7	<0.2
1111703	Soil		19	29	0.57	290	0.040	<1	1.79	0.015	0.06	0.1	0.03	3.9	0.1	<0.05	6	<0.5	<0.2
1111714	Soil		19	32	0.49	290	0.036	2	1.71	0.015	0.06	0.1	0.06	3.5	0.1	0.06	5	0.9	<0.2
1111720	Soil		17	31	0.89	147	0.046	3	1.66	0.021	0.06	0.2	0.05	6.3	<0.1	0.08	5	<0.5	<0.2
1111715	Soil		20	43	0.84	196	0.068	1	1.85	0.017	0.11	0.1	0.03	4.4	0.2	<0.05	5	0.7	<0.2
1111718	Soil		22	30	0.53	228	0.050	1	1.61	0.018	0.07	0.2	0.06	3.6	0.1	0.07	4	1.1	<0.2
1111719	Soil		21	33	0.69	201	0.053	2	1.92	0.020	0.07	0.2	0.06	5.1	0.1	0.06	5	1.3	<0.2
1111721	Soil		11	22	0.50	180	0.044	2	1.11	0.023	0.04	0.2	0.05	2.3	<0.1	0.10	3	1.1	<0.2
1111724	Soil		13	18	0.75	268	0.016	6	1.86	0.014	0.09	0.1	0.03	8.6	<0.1	<0.05	7	<0.5	<0.2
1111716	Soil		20	53	1.10	187	0.100	2	1.93	0.015	0.17	0.2	0.01	4.0	0.2	<0.05	5	<0.5	<0.2
1111717	Soil		18	50	1.03	177	0.094	1	1.80	0.013	0.15	0.1	0.02	3.6	0.2	<0.05	5	<0.5	<0.2
1111722	Soil		10	28	0.48	171	0.044	5	1.15	0.023	0.04	0.2	0.05	2.4	<0.1	0.22	3	<0.5	<0.2
1111723	Soil		12	24	0.47	246	0.031	3	1.35	0.018	0.05	0.2	0.03	3.7	<0.1	0.07	4	<0.5	<0.2
1111713	Soil		20	41	0.54	255	0.048	<1	1.84	0.015	0.08	0.1	0.06	3.2	0.1	<0.05	6	<0.5	<0.2
1213556	Soil		32	52	0.99	271	0.071	1	2.12	0.020	0.12	0.1	0.04	5.8	0.1	<0.05	8	<0.5	<0.2
1213557	Soil		20	29	0.61	247	0.060	1	1.60	0.016	0.06	0.2	0.03	3.8	<0.1	0.08	6	<0.5	<0.2
1213564	Soil		25	35	0.74	465	0.075	1	1.87	0.015	0.19	0.1	0.02	5.3	0.1	<0.05	6	<0.5	<0.2
1213558	Soil		16	36	0.56	315	0.040	<1	1.64	0.015	0.07	0.2	0.05	3.1	<0.1	0.06	5	<0.5	<0.2
1213560	Soil		22	37	0.61	213	0.051	<1	1.65	0.012	0.07	0.1	<0.01	3.1	<0.1	<0.05	5	<0.5	<0.2
1213559	Soil		23	36	0.63	215	0.057	<1	1.75	0.012	0.07	0.1	<0.01	3.2	<0.1	<0.05	5	<0.5	<0.2
1213562	Soil		18	41	0.55	270	0.058	<1	1.87	0.017	0.06	0.2	0.02	3.9	<0.1	<0.05	6	<0.5	<0.2
1213561	Soil		23	39	0.65	269	0.064	<1	1.86	0.015	0.07	0.1	0.03	3.9	0.1	<0.05	5	<0.5	<0.2
1213565	Soil		25	31	0.65	303	0.059	<1	1.70	0.014	0.12	<0.1	0.01	4.2	<0.1	<0.05	6	<0.5	<0.2
1213566	Soil		9	26	0.45	171	0.045	3	1.43	0.024	0.05	0.2	0.04	2.5	<0.1	0.05	4	<0.5	<0.2
1213563	Soil		16	36	0.56	250	0.065	<1	1.84	0.030	0.06	0.1	0.01	3.4	<0.1	<0.05	6	<0.5	<0.2
1213567	Soil		12	27	0.53	296	0.062	3	1.49	0.031	0.05	0.1	0.04	3.0	<0.1	0.06	4	<0.5	<0.2

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

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

Project: FLU
Report Date: December 05, 2011

CERTIFICATE OF ANALYSIS DAW11000552.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1109399	Soil	1.4	18.0	13.0	65	<0.1	20.1	10.7	405	3.22	6.3	0.7	7.0	4.1	35	0.1	0.5	0.2	66	0.36	0.039
1213551	Soil	1.4	16.9	10.6	60	0.1	17.0	9.2	350	2.85	4.3	0.9	5.7	2.9	33	<0.1	0.3	0.2	63	0.36	0.043
1109401	Soil	2.0	20.1	10.6	58	0.1	17.1	9.9	398	2.83	3.7	1.0	6.9	2.0	44	0.2	0.4	0.2	55	0.46	0.056
1213553	Soil	1.1	15.3	10.1	65	<0.1	16.5	9.0	429	2.86	5.1	1.0	5.5	4.4	30	0.2	0.4	0.2	59	0.37	0.058
1109402	Soil	1.5	18.3	11.9	59	0.1	17.4	9.2	341	2.83	4.7	0.9	5.7	3.2	35	0.2	0.4	0.2	63	0.38	0.045
1213552	Soil	1.1	13.9	9.5	63	<0.1	17.3	9.5	387	2.69	4.1	0.8	12.4	5.0	25	0.1	0.3	0.1	54	0.27	0.063
1109400	Soil	1.6	19.2	10.2	56	0.1	15.7	9.7	377	2.75	3.3	1.0	4.1	2.0	41	0.2	0.4	0.2	53	0.45	0.053
1213554	Soil	1.0	13.2	9.9	50	0.1	12.5	6.9	267	2.30	3.7	0.9	5.2	2.3	18	0.2	0.3	0.2	47	0.14	0.053
1213555	Soil	0.9	13.4	9.6	68	<0.1	20.9	10.1	485	3.11	4.8	0.9	11.5	5.3	26	0.1	0.3	0.2	67	0.31	0.051
1109398	Soil	1.0	20.1	10.9	56	<0.1	19.7	10.0	366	2.80	5.8	0.9	4.0	3.9	28	0.1	0.4	0.2	62	0.26	0.041
1213568	Soil	0.7	31.1	17.2	58	0.1	26.9	10.2	445	2.57	10.2	0.7	14.9	2.2	58	0.2	0.6	0.2	56	1.43	0.054
1213569	Soil	0.6	26.1	11.5	48	0.1	21.7	8.8	460	2.32	10.7	0.9	4.9	1.1	66	0.3	0.7	0.2	50	1.86	0.047
1213572	Soil	1.1	28.6	44.7	89	0.2	27.1	10.6	485	2.74	101.9	1.1	18.4	4.9	27	0.3	0.6	0.2	51	0.54	0.044
1213578	Soil	1.2	39.4	20.3	86	0.2	34.9	15.6	487	3.65	110.3	0.9	6.6	9.8	12	0.3	1.0	0.2	61	0.10	0.029
1213579	Soil	5.8	53.6	31.7	203	0.2	54.0	14.8	691	3.48	45.5	2.0	12.8	10.4	32	0.7	1.3	0.4	105	0.42	0.097
1213570	Soil	0.5	45.0	13.8	55	0.2	25.9	14.4	492	2.60	41.4	0.7	10.1	2.8	43	0.3	0.7	0.2	54	1.26	0.040
1213571	Soil	0.6	39.0	26.5	119	0.2	39.6	23.5	816	3.13	88.5	0.8	17.6	7.4	26	1.2	0.7	0.4	42	0.70	0.059
1213573	Soil	1.0	35.4	15.0	71	0.3	31.0	11.9	384	3.19	131.3	1.1	15.3	10.5	16	0.1	1.2	0.2	48	0.17	0.026
1213577	Soil	0.9	30.5	10.4	55	0.2	25.0	9.2	293	2.70	60.3	1.2	13.9	4.4	15	<0.1	0.6	0.3	55	0.13	0.018
1213575	Soil	1.3	24.1	19.1	62	0.8	26.7	9.5	509	3.06	85.0	0.6	38.1	2.8	15	0.3	0.7	0.2	68	0.11	0.029
1213574	Soil	1.6	38.8	15.0	68	0.3	28.6	10.1	487	2.93	175.0	1.0	10.3	3.9	15	0.3	0.6	0.2	57	0.11	0.030
1213576	Soil	1.8	26.1	14.5	66	0.6	20.4	10.0	1021	3.26	212.2	0.8	9.0	5.0	11	0.4	0.9	0.2	48	0.09	0.043
1109424	Soil	1.3	27.1	12.0	57	<0.1	26.5	11.2	445	2.98	191.1	1.0	18.0	2.7	13	0.1	0.5	0.2	51	0.16	0.044
1109425	Soil	2.8	56.1	21.6	66	0.3	36.0	22.2	1058	4.61	1537	1.7	138.5	4.9	18	0.3	1.3	0.3	50	0.16	0.085
1109427	Soil	2.0	64.3	40.1	118	1.3	69.8	19.7	750	4.04	216.4	1.6	27.8	1.6	39	0.6	0.7	0.2	71	0.75	0.156
1109426	Soil	1.7	56.0	27.6	140	0.1	73.9	24.5	644	5.16	415.5	1.1	16.5	6.5	15	0.4	0.6	0.2	83	0.29	0.092
1109433	Soil	2.8	17.5	15.1	72	0.2	18.1	9.9	599	2.86	10.0	1.7	7.0	7.7	29	0.1	0.4	0.2	46	0.46	0.085
1109430	Soil	0.7	22.0	17.3	63	0.2	22.2	7.3	503	2.12	10.8	0.8	7.0	5.5	30	0.3	0.5	0.2	41	0.91	0.059
1109429	Soil	0.8	32.7	20.2	69	0.7	28.1	9.1	725	2.14	51.1	2.0	28.2	2.2	62	0.5	0.7	0.2	36	1.85	0.081
1109428	Soil	1.6	29.4	36.6	111	0.2	25.3	18.2	776	3.51	277.9	1.0	7.3	6.1	11	0.3	0.7	0.5	44	0.11	0.057

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1109399	Soil		14	31	0.64	179	0.091	1	2.06	0.016	0.07	0.1	<0.01	3.5	<0.1	<0.05	7	<0.5	<0.2
1213551	Soil		13	30	0.54	197	0.076	<1	1.84	0.014	0.05	0.1	0.03	3.4	<0.1	<0.05	7	<0.5	<0.2
1109401	Soil		14	30	0.61	182	0.074	<1	1.75	0.019	0.08	0.1	0.03	3.1	<0.1	<0.05	6	<0.5	<0.2
1213553	Soil		19	29	0.59	181	0.078	<1	1.70	0.015	0.08	0.1	0.02	3.1	<0.1	<0.05	6	<0.5	<0.2
1109402	Soil		14	31	0.58	203	0.074	<1	1.93	0.019	0.05	0.1	0.03	3.5	0.1	<0.05	7	<0.5	<0.2
1213552	Soil		14	28	0.61	134	0.075	1	1.67	0.015	0.08	0.2	0.02	2.9	<0.1	<0.05	6	<0.5	<0.2
1109400	Soil		13	28	0.58	169	0.068	<1	1.67	0.017	0.07	0.1	0.02	3.1	<0.1	<0.05	6	<0.5	<0.2
1213554	Soil		21	24	0.42	120	0.051	<1	1.66	0.013	0.06	0.1	0.04	2.8	0.1	<0.05	7	<0.5	<0.2
1213555	Soil		18	48	0.80	179	0.088	1	1.92	0.015	0.10	0.1	<0.01	4.0	0.1	<0.05	8	<0.5	<0.2
1109398	Soil		14	31	0.56	197	0.082	<1	1.97	0.036	0.05	0.1	0.03	3.7	0.1	<0.05	6	<0.5	<0.2
1213568	Soil		14	30	0.66	279	0.056	2	1.60	0.030	0.06	0.1	0.03	3.8	<0.1	<0.05	5	<0.5	<0.2
1213569	Soil		12	27	0.50	256	0.050	3	1.45	0.027	0.04	0.1	0.04	2.7	<0.1	0.06	4	<0.5	<0.2
1213572	Soil		19	32	0.55	274	0.039	<1	1.61	0.018	0.08	0.1	0.02	3.1	0.1	<0.05	5	<0.5	<0.2
1213578	Soil		19	52	0.75	169	0.066	<1	2.40	0.009	0.20	<0.1	<0.01	3.2	0.2	<0.05	7	<0.5	<0.2
1213579	Soil		37	136	1.16	823	0.038	<1	2.20	0.009	0.11	0.1	<0.01	6.4	0.2	<0.05	8	<0.5	<0.2
1213570	Soil		14	32	0.64	254	0.051	<1	1.50	0.026	0.05	0.2	0.03	3.2	<0.1	<0.05	4	<0.5	<0.2
1213571	Soil		23	34	0.75	250	0.063	<1	1.66	0.015	0.19	0.2	0.01	2.9	0.2	<0.05	4	<0.5	<0.2
1213573	Soil		35	37	0.69	198	0.055	<1	1.90	0.011	0.13	0.1	<0.01	3.2	0.2	<0.05	6	<0.5	<0.2
1213577	Soil		17	34	0.54	175	0.059	<1	1.69	0.012	0.05	0.1	0.03	4.7	<0.1	<0.05	5	<0.5	<0.2
1213575	Soil		9	35	0.48	205	0.052	<1	2.02	0.008	0.06	0.1	0.03	2.7	<0.1	<0.05	6	<0.5	<0.2
1213574	Soil		14	36	0.58	199	0.043	<1	1.75	0.008	0.08	0.1	0.02	2.7	<0.1	<0.05	6	<0.5	<0.2
1213576	Soil		21	27	0.47	182	0.020	<1	1.70	0.007	0.08	0.1	0.03	2.0	0.1	<0.05	6	<0.5	<0.2
1109424	Soil		18	34	0.50	150	0.044	<1	1.86	0.008	0.07	0.1	0.03	2.9	0.1	<0.05	5	<0.5	<0.2
1109425	Soil		27	41	0.73	129	0.038	<1	1.91	0.005	0.13	<0.1	0.02	2.8	0.2	<0.05	6	<0.5	<0.2
1109427	Soil		34	82	0.79	320	0.032	<1	2.01	0.010	0.08	0.1	0.06	5.3	0.1	<0.05	6	<0.5	<0.2
1109426	Soil		18	90	1.30	749	0.145	<1	2.55	0.006	0.53	0.1	<0.01	3.1	0.4	<0.05	7	<0.5	<0.2
1109433	Soil		26	28	0.58	206	0.034	<1	1.75	0.010	0.09	0.2	0.04	3.9	0.1	<0.05	6	<0.5	<0.2
1109430	Soil		22	24	0.62	166	0.039	<1	1.38	0.014	0.05	0.2	0.04	3.3	<0.1	<0.05	4	<0.5	<0.2
1109429	Soil		26	26	0.57	183	0.019	<1	1.63	0.013	0.05	0.2	0.08	3.7	<0.1	0.10	4	<0.5	<0.2
1109428	Soil		27	23	0.52	116	0.021	<1	1.43	0.007	0.10	0.1	<0.01	3.0	0.1	<0.05	5	<0.5	<0.2

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

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

Project: FLU
Report Date: December 05, 2011

CERTIFICATE OF ANALYSIS DAW11000552.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1109432	Soil	1.5	24.5	14.7	63	0.2	21.7	8.7	363	2.40	9.5	1.7	5.8	6.1	30	0.3	0.5	0.2	45	0.76	0.058
1109431	Soil	1.6	26.0	16.4	65	0.2	21.1	8.8	397	2.56	10.0	1.7	5.5	6.1	32	0.2	0.5	0.2	47	0.84	0.061
1109422	Soil	1.3	41.0	14.3	80	<0.1	35.1	17.6	913	4.00	121.2	1.3	9.0	9.4	20	<0.1	0.6	0.2	61	0.27	0.061
1109420	Soil	1.2	26.2	11.1	66	0.1	28.1	11.3	445	2.90	149.1	1.1	18.8	4.3	18	0.2	0.5	0.1	55	0.22	0.040
1109421	Soil	1.2	27.3	12.1	66	0.2	28.3	11.5	451	2.94	146.4	1.2	20.0	4.2	17	0.2	0.6	0.1	55	0.20	0.040
1109419	Soil	1.4	32.2	18.0	79	0.2	30.9	12.9	489	3.09	301.6	1.2	28.1	4.9	17	0.1	0.6	0.2	56	0.24	0.053
1109418	Soil	2.5	37.6	27.3	96	0.3	36.6	13.6	546	3.20	281.6	1.1	13.3	3.2	18	0.4	1.0	0.2	54	0.24	0.068
1109417	Soil	1.8	38.1	20.8	111	0.2	38.4	15.9	452	3.82	114.1	1.8	8.9	12.9	18	0.2	0.5	0.1	45	0.26	0.053
1109423	Soil	1.1	42.7	14.6	82	<0.1	34.2	17.0	858	3.83	129.2	1.3	11.5	10.8	20	<0.1	0.6	0.2	56	0.27	0.068
1109416	Soil	1.9	23.5	17.5	75	0.4	26.1	11.9	515	2.49	118.2	1.8	10.8	3.8	42	0.4	0.4	0.2	42	0.58	0.075
1109413	Soil	2.0	30.0	31.3	83	0.1	24.9	23.0	1273	3.12	163.7	1.2	15.5	6.8	20	0.3	0.5	0.2	57	0.23	0.068
1109414	Soil	1.5	26.7	20.0	104	0.2	56.7	15.2	503	3.13	88.8	1.3	11.7	10.0	26	0.2	0.7	0.1	59	0.43	0.105
1109415	Soil	1.9	28.0	22.3	96	0.2	27.0	18.5	879	3.58	90.8	1.3	5.5	11.6	21	0.2	0.4	0.1	52	0.29	0.077
1109405	Soil	1.5	27.5	22.3	116	<0.1	35.6	19.1	638	4.09	24.7	2.3	2.5	15.6	33	0.2	0.4	0.1	66	0.52	0.144
1109406	Soil	1.6	24.9	27.4	111	<0.1	39.1	19.8	678	3.92	61.2	1.8	3.5	12.8	23	0.3	0.4	0.3	68	0.37	0.112
1109412	Soil	0.8	22.8	23.1	81	0.4	21.4	7.5	193	2.30	56.3	2.2	20.6	9.0	22	0.2	0.3	0.2	41	0.29	0.075
1109409	Soil	1.8	25.8	35.0	103	0.4	31.3	13.4	614	2.73	46.1	4.2	11.7	15.5	38	0.4	0.4	0.2	45	0.40	0.086
1109408	Soil	1.0	32.0	39.9	66	1.0	29.0	9.9	558	2.07	82.0	8.4	21.1	7.2	118	0.5	0.4	0.4	34	1.15	0.069
1109410	Soil	0.9	15.0	15.1	57	0.2	16.0	5.1	149	1.99	66.5	1.5	25.6	3.8	18	0.1	0.3	0.1	40	0.24	0.061
1109411	Soil	0.8	13.0	15.9	67	0.2	18.1	5.8	163	1.93	51.0	1.3	10.6	5.6	25	0.2	0.3	0.1	33	0.38	0.105
1109403	Soil	2.6	33.0	18.8	117	0.3	35.8	11.8	332	2.96	48.8	1.7	5.2	4.9	38	0.3	0.5	0.2	58	0.26	0.077
1109407	Soil	1.5	26.1	16.2	68	0.2	41.8	13.8	441	2.69	43.0	2.0	3.3	4.1	27	0.3	0.4	0.1	56	0.33	0.085
1109404	Soil	1.7	31.2	21.9	101	0.4	33.7	12.4	461	3.02	45.7	3.0	12.4	7.6	34	0.3	0.5	0.2	58	0.34	0.077
1106977	Soil	0.9	13.0	11.4	50	<0.1	14.2	7.4	214	2.95	7.5	0.5	6.1	6.2	10	0.1	0.4	0.1	52	0.08	0.017
1106978	Soil	0.9	14.1	15.9	52	<0.1	16.8	9.6	376	3.22	9.2	0.9	5.3	6.9	12	0.2	0.5	0.3	58	0.10	0.031
1106979	Soil	1.3	17.5	13.9	59	<0.1	18.8	8.6	347	3.48	10.7	0.9	0.9	3.8	14	0.1	0.5	0.3	71	0.12	0.029
1106980	Soil	1.1	15.8	16.6	56	<0.1	13.5	7.0	437	2.70	7.0	0.8	<0.5	1.8	12	<0.1	0.4	0.2	52	0.11	0.039
1106981	Soil	1.0	14.3	16.4	50	<0.1	11.1	6.3	297	2.53	7.2	0.7	1.5	3.8	10	0.1	0.4	0.3	54	0.09	0.028
1106976	Soil	0.7	16.4	11.9	45	<0.1	14.5	9.0	352	2.51	6.8	0.8	2.8	9.2	16	<0.1	0.4	0.2	46	0.14	0.015
1106975	Soil	0.6	21.3	13.8	74	<0.1	11.7	10.4	527	3.40	4.9	2.0	2.1	17.7	20	<0.1	0.5	0.1	49	0.16	0.022

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

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

Project: FLU
Report Date: December 05, 2011

CERTIFICATE OF ANALYSIS DAW11000552.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1109432	Soil	24	28	0.47	287	0.038	<1	1.54	0.015	0.06	0.1	0.05	3.8	<0.1	<0.05	5	<0.5	<0.2
1109431	Soil	25	28	0.50	308	0.035	<1	1.62	0.015	0.06	0.1	0.05	3.8	<0.1	<0.05	5	<0.5	<0.2
1109422	Soil	30	47	0.85	260	0.090	<1	2.22	0.009	0.33	0.1	0.04	6.0	0.3	<0.05	7	<0.5	<0.2
1109420	Soil	18	36	0.63	200	0.048	<1	1.84	0.009	0.06	0.1	0.03	3.6	<0.1	<0.05	5	<0.5	<0.2
1109421	Soil	18	35	0.61	203	0.052	<1	1.84	0.009	0.06	0.1	0.02	3.8	0.1	<0.05	5	<0.5	<0.2
1109419	Soil	16	36	0.71	200	0.052	<1	1.89	0.009	0.06	<0.1	0.02	4.0	0.1	<0.05	5	<0.5	<0.2
1109418	Soil	16	44	0.55	252	0.031	<1	1.59	0.007	0.07	0.1	0.02	3.4	<0.1	<0.05	5	<0.5	<0.2
1109417	Soil	26	39	0.93	229	0.131	<1	2.02	0.007	0.61	<0.1	0.01	3.2	0.5	<0.05	6	<0.5	<0.2
1109423	Soil	31	43	0.88	250	0.095	<1	2.25	0.008	0.40	<0.1	0.04	5.5	0.3	<0.05	7	<0.5	<0.2
1109416	Soil	24	28	0.56	284	0.039	<1	1.64	0.009	0.09	0.1	0.04	3.0	0.2	<0.05	5	<0.5	<0.2
1109413	Soil	20	37	0.71	126	0.070	<1	1.55	0.008	0.09	0.1	<0.01	2.1	0.2	<0.05	6	<0.5	<0.2
1109414	Soil	28	193	1.39	233	0.095	<1	1.94	0.009	0.29	0.1	0.02	3.3	0.4	<0.05	7	<0.5	<0.2
1109415	Soil	26	33	0.80	196	0.098	<1	1.82	0.008	0.25	<0.1	0.02	2.4	0.3	<0.05	7	<0.5	<0.2
1109405	Soil	57	105	1.64	317	0.148	<1	2.68	0.009	0.56	<0.1	0.02	3.4	0.6	<0.05	8	<0.5	<0.2
1109406	Soil	27	127	1.38	223	0.095	<1	2.23	0.008	0.36	<0.1	0.02	3.7	0.5	<0.05	8	<0.5	<0.2
1109412	Soil	35	30	0.59	169	0.054	<1	1.58	0.010	0.09	0.1	0.06	2.9	0.2	<0.05	5	<0.5	<0.2
1109409	Soil	100	70	0.72	222	0.043	<1	1.82	0.011	0.13	0.1	0.05	3.8	0.2	<0.05	6	<0.5	<0.2
1109408	Soil	148	55	0.52	270	0.030	<1	1.54	0.010	0.10	0.1	0.08	4.3	0.2	0.11	4	0.6	<0.2
1109410	Soil	21	28	0.47	119	0.049	<1	1.38	0.009	0.06	0.1	0.05	2.0	0.1	<0.05	5	<0.5	<0.2
1109411	Soil	29	29	0.55	147	0.054	<1	1.45	0.009	0.07	0.2	0.03	2.3	0.2	<0.05	5	<0.5	<0.2
1109403	Soil	17	54	0.79	329	0.084	<1	1.42	0.014	0.20	0.2	0.03	2.9	0.2	<0.05	5	0.6	<0.2
1109407	Soil	29	195	1.04	188	0.060	<1	1.67	0.009	0.18	<0.1	0.02	3.4	0.2	<0.05	6	<0.5	<0.2
1109404	Soil	30	50	0.77	230	0.065	<1	1.80	0.012	0.13	0.1	0.03	3.2	0.2	<0.05	6	<0.5	<0.2
1106977	Soil	23	21	0.43	133	0.027	<1	1.85	0.006	0.07	<0.1	0.01	2.5	0.1	<0.05	7	<0.5	<0.2
1106978	Soil	21	32	0.47	143	0.032	3	2.34	0.008	0.08	0.1	0.04	2.8	0.1	<0.05	7	0.6	<0.2
1106979	Soil	14	36	0.45	223	0.037	2	2.37	0.007	0.06	0.1	0.02	3.1	0.1	<0.05	7	0.6	<0.2
1106980	Soil	19	22	0.38	109	0.029	2	1.54	0.007	0.07	0.1	0.02	1.8	0.1	<0.05	7	<0.5	<0.2
1106981	Soil	17	21	0.36	107	0.031	2	1.69	0.007	0.07	0.2	0.02	2.2	0.1	<0.05	6	<0.5	<0.2
1106976	Soil	21	27	0.44	277	0.029	2	1.91	0.008	0.08	0.1	0.03	2.9	<0.1	<0.05	4	<0.5	<0.2
1106975	Soil	30	20	0.87	525	0.038	6	2.42	0.008	0.22	0.1	0.02	6.2	0.2	<0.05	7	<0.5	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1106962	Soil	1.3	31.8	43.1	78	0.2	28.1	11.2	348	3.20	72.0	1.0	12.3	5.1	18	0.3	0.7	0.4	66	0.19	0.023
1106961	Soil	0.9	19.6	28.1	64	0.1	21.3	9.9	285	2.89	20.8	0.7	45.0	4.4	17	0.2	0.5	0.2	64	0.21	0.019
1106960	Soil	1.1	63.9	25.8	66	0.2	32.2	13.7	479	3.23	59.7	1.4	10.5	4.9	29	0.1	0.9	0.4	67	0.52	0.036
1106959	Soil	0.9	53.0	39.2	88	0.5	27.5	12.3	900	2.60	58.4	1.1	8.1	3.5	42	0.6	0.8	1.6	55	1.41	0.060
1106958	Soil	0.7	63.6	22.4	71	0.4	29.3	13.7	409	3.02	63.1	1.2	6.6	3.5	31	0.5	0.6	0.6	62	1.02	0.050
1106957	Soil	0.5	26.6	11.4	47	0.1	24.5	11.0	391	2.48	18.1	1.4	2.0	2.1	47	0.2	0.5	0.2	53	1.43	0.060
1106956	Soil	0.5	30.7	12.2	51	0.2	25.4	9.5	481	2.44	17.0	1.4	3.0	2.4	49	0.3	0.6	0.2	50	1.50	0.068
1106955	Soil	0.4	28.6	11.4	58	0.1	23.7	9.7	467	2.37	19.6	1.0	4.7	3.0	62	0.3	0.6	0.2	50	1.78	0.065
1106954	Soil	1.2	14.9	16.5	53	<0.1	15.8	10.9	635	2.57	15.8	0.5	7.4	3.0	13	0.3	0.4	0.3	64	0.15	0.020
1106953	Soil	0.7	31.5	44.7	83	0.3	24.8	12.2	598	2.84	32.1	0.9	6.0	3.4	46	0.5	0.6	0.2	60	1.14	0.035
1106952	Soil	0.6	32.3	83.3	83	0.3	22.5	10.7	534	2.58	26.8	1.4	7.8	2.4	46	0.5	0.5	0.2	53	1.23	0.050
1106951	Soil	0.7	26.1	56.2	60	0.4	25.8	8.4	941	2.28	13.6	0.8	5.0	2.2	54	0.6	0.6	0.2	42	1.71	0.078
1106972	Soil	1.1	8.9	12.2	71	<0.1	10.6	10.4	604	3.60	6.2	1.0	<0.5	6.7	8	0.1	0.4	0.2	69	0.06	0.029
1106974	Soil	0.7	18.0	12.6	60	<0.1	20.3	11.8	415	3.18	8.2	1.0	1.2	7.8	20	<0.1	0.5	0.2	64	0.19	0.019
1106971	Soil	1.2	20.6	12.9	61	0.1	21.1	10.7	327	3.25	10.5	0.7	3.0	4.9	11	0.1	0.6	0.2	72	0.10	0.029
1106970	Soil	1.0	14.6	10.6	53	0.1	12.7	12.0	543	3.57	32.8	2.9	89.7	5.5	20	<0.1	0.6	0.2	54	0.27	0.053
1106973	Soil	1.2	23.3	13.0	63	<0.1	21.7	11.4	399	3.27	9.5	1.3	1.7	7.2	19	<0.1	0.5	0.2	66	0.17	0.022
1106969	Soil	1.1	28.0	16.7	71	0.1	26.4	12.7	299	3.37	20.6	0.9	10.5	5.2	17	0.2	0.5	0.2	75	0.18	0.037
1106968	Soil	0.5	34.1	14.9	86	<0.1	43.5	21.2	583	4.62	28.0	1.2	2.3	22.2	19	<0.1	0.5	0.2	61	0.18	0.024
1106967	Soil	2.3	36.6	38.2	85	0.4	29.2	11.8	388	3.60	118.0	1.1	71.0	6.2	16	0.4	1.0	0.4	66	0.11	0.030
1106966	Soil	2.6	49.2	27.3	74	0.2	29.4	12.4	514	3.38	223.4	2.0	32.7	7.4	18	0.2	0.9	0.2	54	0.10	0.027
1106965	Soil	1.5	43.2	37.7	95	0.2	30.8	14.1	592	3.22	153.9	1.6	31.1	7.6	26	0.2	1.0	0.2	50	0.23	0.035
1106964	Soil	1.2	27.6	14.3	71	0.2	27.4	13.2	392	3.47	44.6	1.0	3.1	7.8	13	0.1	0.6	0.2	64	0.11	0.022
1106963	Soil	1.4	41.5	59.2	146	0.1	34.8	13.3	452	3.63	192.6	1.2	30.5	7.4	20	0.4	1.0	0.3	66	0.21	0.022
1109397	Soil	1.5	39.1	30.7	110	0.3	33.9	10.6	374	3.04	110.7	3.2	13.1	6.0	56	0.5	0.8	0.2	47	1.16	0.078
1109395	Soil	0.9	16.2	31.6	76	0.2	17.3	9.1	522	2.55	16.9	1.6	2.2	5.9	34	0.2	0.4	0.2	51	0.41	0.056
1111749	Soil	1.2	19.5	21.9	77	0.2	20.7	9.9	227	2.76	59.6	2.0	5.7	8.7	29	0.2	0.7	0.2	44	0.34	0.059
1109391	Soil	1.3	21.0	16.4	82	0.5	19.0	5.5	201	2.32	114.6	1.7	5.1	4.0	28	0.3	0.6	0.2	45	0.34	0.085
1109393	Soil	2.0	17.7	28.4	91	0.3	30.4	13.1	637	2.64	33.2	1.5	1.9	5.3	40	0.3	0.5	0.2	55	0.53	0.074
1109394	Soil	0.8	23.8	50.7	83	0.2	26.0	10.8	484	2.64	14.9	2.0	2.8	9.9	37	0.3	0.5	0.3	49	0.42	0.054

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

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

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CERTIFICATE OF ANALYSIS DAW11000552.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1106962	Soil	15	39	0.58	192	0.054	2	2.32	0.011	0.05	0.2	0.03	4.0	0.1	<0.05	6	<0.5	<0.2
1106961	Soil	12	34	0.58	182	0.054	<1	2.15	0.010	0.05	0.1	0.02	3.4	<0.1	<0.05	6	<0.5	<0.2
1106960	Soil	18	44	0.83	279	0.060	2	2.08	0.016	0.07	0.1	0.05	7.2	<0.1	<0.05	6	0.7	<0.2
1106959	Soil	20	33	1.51	193	0.048	2	2.04	0.012	0.09	0.2	0.06	5.1	0.2	<0.05	5	0.6	<0.2
1106958	Soil	40	38	0.90	218	0.054	1	2.07	0.014	0.08	0.2	0.06	6.6	0.1	<0.05	5	0.8	<0.2
1106957	Soil	12	28	0.54	260	0.045	2	1.49	0.016	0.04	0.2	0.04	3.6	<0.1	<0.05	4	0.7	<0.2
1106956	Soil	13	27	0.52	285	0.050	3	1.50	0.018	0.04	0.3	0.04	3.7	<0.1	<0.05	4	0.6	<0.2
1106955	Soil	12	26	0.53	291	0.065	3	1.42	0.022	0.06	0.2	0.05	3.7	<0.1	0.06	4	0.9	<0.2
1106954	Soil	11	27	0.44	181	0.035	1	1.63	0.008	0.05	0.1	0.02	2.7	<0.1	<0.05	7	<0.5	<0.2
1106953	Soil	16	32	0.67	295	0.034	1	1.95	0.016	0.05	0.2	0.04	4.9	<0.1	<0.05	6	<0.5	<0.2
1106952	Soil	14	29	0.67	303	0.029	1	1.83	0.016	0.05	0.1	0.05	4.5	<0.1	0.05	5	0.6	<0.2
1106951	Soil	18	27	0.56	337	0.021	3	1.60	0.013	0.05	0.2	0.08	4.3	<0.1	<0.05	4	0.6	<0.2
1106972	Soil	20	27	0.77	222	0.087	2	1.91	0.006	0.23	0.1	0.01	2.9	0.2	<0.05	10	<0.5	<0.2
1106974	Soil	17	33	0.71	288	0.074	2	2.42	0.011	0.08	0.1	0.02	3.9	<0.1	<0.05	6	<0.5	<0.2
1106971	Soil	12	34	0.47	216	0.058	1	2.53	0.008	0.05	0.1	0.02	3.2	0.1	<0.05	8	0.6	<0.2
1106970	Soil	22	21	0.83	413	0.009	<1	2.21	0.007	0.09	<0.1	0.02	4.3	0.1	<0.05	7	0.5	<0.2
1106973	Soil	17	37	0.63	254	0.062	2	2.37	0.011	0.07	0.1	0.03	5.5	0.1	<0.05	7	<0.5	<0.2
1106969	Soil	13	48	0.83	195	0.075	1	2.56	0.010	0.06	0.2	0.02	4.8	0.1	<0.05	7	0.6	<0.2
1106968	Soil	60	108	1.50	258	0.173	<1	2.84	0.006	0.46	<0.1	0.01	5.4	0.4	<0.05	7	<0.5	<0.2
1106967	Soil	22	37	0.59	175	0.016	<1	2.36	0.008	0.06	0.1	0.03	2.7	0.2	<0.05	7	<0.5	<0.2
1106966	Soil	23	35	0.62	133	0.047	<1	2.04	0.008	0.07	0.1	0.03	3.9	0.1	<0.05	5	0.7	<0.2
1106965	Soil	26	41	0.70	200	0.051	<1	1.76	0.009	0.08	0.1	0.03	4.4	0.1	<0.05	5	0.9	<0.2
1106964	Soil	16	39	0.66	178	0.074	<1	2.55	0.007	0.12	0.1	0.02	3.6	0.2	<0.05	6	<0.5	<0.2
1106963	Soil	22	46	0.74	224	0.053	<1	2.43	0.009	0.08	0.2	0.03	5.5	0.2	<0.05	6	0.5	<0.2
1109397	Soil	22	55	0.68	270	0.038	2	1.55	0.011	0.08	0.1	0.04	3.4	0.1	0.06	4	1.0	<0.2
1109395	Soil	18	29	0.56	259	0.036	2	1.81	0.012	0.06	0.2	0.04	3.6	0.1	<0.05	6	<0.5	<0.2
1111749	Soil	28	28	0.55	234	0.034	1	1.70	0.010	0.07	0.2	0.04	3.5	0.1	<0.05	5	<0.5	<0.2
1109391	Soil	19	38	0.54	210	0.055	1	1.51	0.012	0.07	0.1	0.05	2.9	0.1	0.05	5	1.3	<0.2
1109393	Soil	19	110	0.75	289	0.039	1	1.62	0.010	0.05	0.2	0.04	3.2	0.1	<0.05	5	0.6	<0.2
1109394	Soil	24	69	0.60	284	0.037	2	1.71	0.012	0.06	0.1	0.04	4.1	<0.1	<0.05	6	0.6	<0.2

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

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

Project: FLU
Report Date: December 05, 2011

CERTIFICATE OF ANALYSIS DAW11000552.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1109396	Soil	0.9	13.6	32.2	69	0.2	15.6	11.5	768	2.41	18.5	1.1	4.9	3.6	25	0.1	0.3	0.3	47	0.25	0.051
1111739	Soil	0.5	44.2	12.7	58	0.1	24.8	13.3	474	2.59	23.4	1.3	5.0	2.6	51	0.2	0.6	0.3	54	1.19	0.058
1111737	Soil	0.2	23.0	12.7	70	0.1	22.1	9.7	330	2.56	12.8	0.4	3.3	2.7	35	0.5	0.4	0.2	45	1.09	0.051
1111736	Soil	0.7	16.7	10.1	86	0.1	16.0	15.2	454	4.68	6.8	0.7	5.2	2.1	32	0.2	0.3	0.3	72	0.54	0.095
1111738	Soil	0.3	20.4	13.0	59	0.1	20.3	7.5	240	2.17	18.4	0.7	3.6	1.5	61	0.5	0.5	0.2	41	1.83	0.059
1111741	Soil	1.0	43.4	50.1	170	0.3	36.9	13.7	436	3.30	462.7	1.6	50.3	4.5	37	1.0	1.0	0.3	56	0.87	0.067
1111743	Soil	2.0	35.8	18.0	77	0.3	28.9	13.5	714	2.97	141.2	1.8	13.8	3.3	49	0.3	0.8	0.2	48	0.68	0.063
1111745	Soil	1.3	25.0	17.5	78	0.3	30.9	13.2	379	3.31	94.8	1.3	17.9	6.6	21	<0.1	0.6	0.2	50	0.25	0.058
1111744	Soil	2.0	23.7	16.7	65	0.4	22.5	7.0	210	2.93	98.2	1.1	7.8	2.3	27	0.3	0.6	0.3	46	0.29	0.079
1111740	Soil	0.8	37.6	14.1	59	0.2	26.5	12.0	536	2.42	38.3	1.7	4.4	2.0	59	0.3	0.7	0.3	46	1.54	0.051
1111746	Soil	3.5	26.2	19.6	64	0.7	22.3	8.8	291	2.62	275.0	1.5	84.5	1.7	32	0.2	0.9	0.2	44	0.31	0.081
1111747	Soil	2.3	28.3	14.9	67	0.4	24.0	6.8	285	2.40	162.6	0.7	3.6	0.8	15	0.4	1.5	0.2	52	0.13	0.056
1111742	Soil	1.1	39.6	15.6	77	0.3	32.5	11.0	1336	2.21	136.1	1.3	19.8	2.0	59	0.6	0.9	0.2	35	1.62	0.061
1111748	Soil	1.0	17.5	37.0	73	0.3	16.0	6.6	273	1.97	72.0	1.4	4.4	3.1	31	0.3	0.5	0.2	31	0.37	0.076
1111750	Soil	1.5	28.2	38.0	111	0.3	23.4	8.9	242	3.37	207.0	1.7	10.9	7.6	30	0.4	0.9	0.2	55	0.37	0.075
1109392	Soil	0.7	11.2	10.7	55	0.2	14.6	4.0	117	1.74	43.4	0.8	0.9	1.0	31	0.2	0.3	0.2	25	0.37	0.062
1211978	Soil	1.1	8.3	8.8	63	<0.1	9.4	10.5	541	2.84	4.1	0.8	<0.5	3.0	39	<0.1	0.2	0.1	45	0.51	0.082
1211977	Soil	1.0	16.1	11.7	75	<0.1	14.7	12.1	460	3.50	5.1	1.5	1.0	4.7	36	0.3	0.6	0.2	51	0.50	0.097
1211973	Soil	0.8	24.1	10.9	77	0.2	16.5	10.0	458	2.95	4.2	1.1	0.5	4.6	40	0.3	0.5	0.2	54	0.54	0.072
1211976	Soil	1.0	15.6	11.1	68	<0.1	14.4	11.6	628	2.83	7.1	1.0	<0.5	4.8	30	0.1	0.4	0.2	51	0.35	0.060
1211979	Soil	0.9	24.1	11.1	145	<0.1	12.4	13.2	863	3.64	3.0	0.8	<0.5	3.8	34	0.5	0.2	0.2	60	0.48	0.099
1211972	Soil	1.5	23.4	12.8	79	0.1	18.3	9.5	561	3.09	4.9	1.4	1.5	5.8	28	<0.1	0.3	0.2	57	0.48	0.062
1211980	Soil	0.8	19.8	10.1	93	<0.1	17.6	15.5	849	3.98	5.1	0.9	1.5	2.4	51	0.3	0.5	0.1	76	0.66	0.089
1211975	Soil	0.9	16.2	10.6	76	<0.1	12.8	9.1	571	2.60	3.7	0.9	2.3	5.5	41	0.2	0.3	0.2	42	0.56	0.063
1211974	Soil	1.0	17.2	9.4	65	0.1	10.0	7.3	441	2.50	2.7	1.0	1.5	6.1	38	<0.1	0.4	0.2	40	0.52	0.060
1140452	Soil	0.6	33.4	17.0	69	0.2	27.3	10.8	571	2.57	72.2	1.6	9.2	2.3	45	0.4	0.6	0.2	47	1.27	0.041
1075488	Soil	0.8	32.5	11.2	54	0.2	23.3	8.9	344	2.85	9.1	0.7	3.7	5.8	25	<0.1	0.4	0.3	56	0.28	0.030
1109378	Soil	1.0	16.4	12.9	70	0.1	15.1	9.0	571	2.80	5.6	1.2	3.9	5.4	33	0.2	0.4	0.4	47	0.42	0.050

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1109396	Soil	15	30	0.54	213	0.020	2	1.52	0.009	0.05	0.2	0.04	2.3	<0.1	<0.05	5	<0.5	<0.2
1111739	Soil	12	31	0.71	186	0.038	2	1.46	0.015	0.05	0.2	0.03	4.0	<0.1	0.06	4	<0.5	<0.2
1111737	Soil	12	23	0.53	166	0.037	2	1.26	0.017	0.05	0.2	0.03	3.1	<0.1	0.05	3	<0.5	<0.2
1111736	Soil	13	18	0.75	330	0.015	2	1.81	0.010	0.05	0.2	0.02	7.9	<0.1	<0.05	7	<0.5	<0.2
1111738	Soil	11	21	0.50	157	0.037	1	1.04	0.017	0.04	0.2	0.03	2.3	<0.1	0.06	3	<0.5	<0.2
1111741	Soil	17	41	0.79	209	0.061	2	1.62	0.017	0.10	0.2	0.04	3.7	0.1	<0.05	5	1.0	<0.2
1111743	Soil	15	32	0.63	278	0.037	<1	1.60	0.014	0.05	<0.1	0.04	3.2	<0.1	<0.05	4	0.7	<0.2
1111745	Soil	19	51	0.73	156	0.062	<1	1.92	0.010	0.13	0.1	0.03	2.9	0.2	<0.05	6	<0.5	<0.2
1111744	Soil	13	32	0.53	173	0.036	<1	1.42	0.010	0.05	0.1	0.04	2.4	0.1	<0.05	5	<0.5	<0.2
1111740	Soil	14	30	0.63	219	0.043	2	1.47	0.015	0.06	0.2	0.03	3.3	<0.1	0.08	4	0.7	<0.2
1111746	Soil	12	50	0.53	162	0.031	<1	1.47	0.009	0.05	0.1	0.04	2.4	0.1	0.06	5	0.9	<0.2
1111747	Soil	9	38	0.39	82	0.037	1	1.02	0.010	0.06	<0.1	0.02	1.5	<0.1	0.06	5	0.7	<0.2
1111742	Soil	13	30	0.57	230	0.032	2	1.38	0.013	0.05	0.1	0.05	2.6	<0.1	0.09	4	0.9	<0.2
1111748	Soil	19	30	0.50	189	0.047	1	1.19	0.011	0.07	0.1	0.03	2.1	0.1	<0.05	4	0.7	<0.2
1111750	Soil	26	39	0.77	227	0.040	<1	1.96	0.009	0.09	0.1	0.03	3.5	0.2	<0.05	6	0.8	<0.2
1109392	Soil	9	31	0.39	165	0.036	<1	0.99	0.011	0.04	0.2	0.05	1.6	<0.1	0.06	4	0.8	<0.2
1211978	Soil	14	16	0.68	266	0.019	2	1.63	0.010	0.07	0.1	0.02	5.0	<0.1	<0.05	6	<0.5	<0.2
1211977	Soil	18	20	0.78	325	0.028	2	1.86	0.011	0.08	0.2	0.03	7.5	0.1	<0.05	6	0.8	<0.2
1211973	Soil	23	23	0.63	441	0.057	2	1.85	0.011	0.10	0.1	0.04	5.5	0.1	0.07	6	0.6	<0.2
1211976	Soil	16	21	0.54	332	0.032	2	1.56	0.012	0.06	0.2	0.03	3.8	<0.1	<0.05	5	1.1	<0.2
1211979	Soil	16	18	0.82	321	0.025	3	1.71	0.010	0.10	0.1	0.01	7.6	<0.1	<0.05	6	0.7	<0.2
1211972	Soil	28	27	0.72	385	0.095	1	1.76	0.013	0.18	0.1	0.02	4.5	0.1	<0.05	6	<0.5	<0.2
1211980	Soil	13	21	0.79	482	0.020	4	1.87	0.012	0.07	0.2	0.04	8.4	<0.1	0.09	6	<0.5	<0.2
1211975	Soil	20	20	0.61	350	0.044	2	1.54	0.011	0.13	0.1	0.03	4.0	0.1	0.06	5	<0.5	<0.2
1211974	Soil	23	18	0.58	272	0.045	2	1.47	0.011	0.18	0.2	0.02	4.3	0.1	<0.05	5	<0.5	<0.2
1140452	Soil	16	29	0.57	250	0.045	<1	1.45	0.017	0.05	0.1	0.03	2.6	<0.1	0.06	4	0.6	<0.2
1075488	Soil	16	35	0.63	290	0.042	<1	1.76	0.015	0.07	0.2	0.01	3.4	<0.1	<0.05	6	<0.5	<0.2
1109378	Soil	19	26	0.56	288	0.038	1	1.64	0.011	0.08	0.2	0.05	3.2	0.1	0.05	6	<0.5	<0.2

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

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

Project: FLU
Report Date: December 05, 2011

QUALITY CONTROL REPORT DAW11000552.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1075474	Soil	1.1	36.2	17.3	97	0.2	35.4	15.6	679	3.93	131.0	1.3	30.4	5.3	25	0.3	0.9	0.2	85	0.68	0.057
REP 1075474	QC	1.3	35.6	16.5	97	0.2	35.7	15.4	677	3.90	131.7	1.2	9.5	5.2	25	0.4	0.9	0.2	85	0.68	0.057
1140201	Soil	1.2	18.3	29.0	70	0.2	17.4	6.8	165	2.28	204.6	1.2	35.3	3.3	18	0.2	0.5	0.1	43	0.23	0.056
REP 1140201	QC	1.1	18.4	30.6	73	0.2	18.3	6.8	174	2.33	207.1	1.2	28.8	3.1	19	0.3	0.6	0.2	44	0.24	0.057
1062098	Soil	2.3	35.7	33.3	95	0.6	27.7	14.7	873	2.75	50.2	1.1	21.5	3.4	26	1.0	0.6	0.2	67	0.26	0.070
REP 1062098	QC	2.4	36.8	34.1	100	0.6	28.4	15.5	893	2.90	52.2	1.2	3.9	3.6	27	1.1	0.6	0.2	69	0.26	0.076
1062089	Soil	1.2	33.5	27.8	103	0.3	30.4	12.6	456	3.45	291.8	1.5	29.9	7.2	85	0.2	0.5	0.2	54	0.48	0.149
REP 1062089	QC	1.4	35.1	28.2	104	0.3	31.8	13.1	466	3.58	299.3	1.5	29.5	7.3	84	0.3	0.5	0.2	55	0.48	0.152
1111711	Soil	1.8	38.2	19.7	89	0.2	30.1	8.8	257	2.69	179.2	1.7	11.7	4.9	26	0.5	1.1	0.2	50	0.24	0.066
REP 1111711	QC	1.9	38.8	19.1	91	0.3	29.9	9.3	261	2.73	179.7	1.8	10.9	4.8	27	0.3	1.2	0.2	51	0.23	0.067
1111713	Soil	1.7	39.8	27.0	71	0.6	30.8	9.7	334	2.94	72.6	1.6	18.7	3.0	26	0.3	0.7	0.3	56	0.27	0.051
REP 1111713	QC	1.5	38.4	24.9	67	0.6	29.2	9.0	312	2.71	68.9	1.5	30.0	2.5	26	0.3	0.8	0.2	54	0.25	0.051
1213552	Soil	1.1	13.9	9.5	63	<0.1	17.3	9.5	387	2.69	4.1	0.8	12.4	5.0	25	0.1	0.3	0.1	54	0.27	0.063
REP 1213552	QC	1.1	14.2	9.6	63	<0.1	16.5	9.5	387	2.75	4.2	0.8	5.6	4.6	25	0.1	0.4	0.1	53	0.26	0.060
1109427	Soil	2.0	64.3	40.1	118	1.3	69.8	19.7	750	4.04	216.4	1.6	27.8	1.6	39	0.6	0.7	0.2	71	0.75	0.156
REP 1109427	QC	1.9	61.6	38.3	113	1.2	66.4	18.3	676	3.65	201.8	1.5	31.6	1.5	37	0.6	0.7	0.2	68	0.74	0.151
1109403	Soil	2.6	33.0	18.8	117	0.3	35.8	11.8	332	2.96	48.8	1.7	5.2	4.9	38	0.3	0.5	0.2	58	0.26	0.077
REP 1109403	QC	2.6	31.5	18.2	115	0.3	35.2	11.4	321	2.82	46.5	1.7	5.7	4.9	37	0.4	0.5	0.2	55	0.26	0.077
1106976	Soil	0.7	16.4	11.9	45	<0.1	14.5	9.0	352	2.51	6.8	0.8	2.8	9.2	16	<0.1	0.4	0.2	46	0.14	0.015
REP 1106976	QC	0.7	15.8	12.0	45	<0.1	14.3	8.4	341	2.48	6.4	0.8	1.9	9.4	16	<0.1	0.4	0.2	45	0.13	0.015
1106964	Soil	1.2	27.6	14.3	71	0.2	27.4	13.2	392	3.47	44.6	1.0	3.1	7.8	13	0.1	0.6	0.2	64	0.11	0.022
REP 1106964	QC	1.3	28.4	14.4	71	0.2	29.5	13.7	403	3.54	45.5	1.0	5.7	8.1	13	<0.1	0.6	0.2	65	0.11	0.022
1111737	Soil	0.2	23.0	12.7	70	0.1	22.1	9.7	330	2.56	12.8	0.4	3.3	2.7	35	0.5	0.4	0.2	45	1.09	0.051
REP 1111737	QC	0.2	22.4	13.0	70	0.1	22.2	9.8	340	2.59	12.7	0.4	12.6	2.5	36	0.4	0.6	0.2	44	1.09	0.050
1109378	Soil	1.0	16.4	12.9	70	0.1	15.1	9.0	571	2.80	5.6	1.2	3.9	5.4	33	0.2	0.4	0.4	47	0.42	0.050
REP 1109378	QC	1.0	16.0	13.0	70	0.1	14.8	8.8	557	2.71	5.6	1.2	2.4	5.1	32	0.2	0.4	0.4	48	0.42	0.054
Reference Materials																					
STD DS8	Standard	13.4	111.4	129.4	307	1.9	37.6	7.4	604	2.46	24.4	3.1	137.9	7.1	83	2.3	5.8	6.7	43	0.73	0.079

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Phone (604) 253-3158 Fax (604) 253-1716
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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1075474	Soil	14	64	1.26	252	0.057	1	2.31	0.011	0.08	0.1	0.02	6.9	0.1	<0.05	7	1.0	<0.2
REP 1075474	QC	15	63	1.26	254	0.056	<1	2.26	0.012	0.08	<0.1	0.02	6.8	<0.1	<0.05	7	0.9	<0.2
1140201	Soil	18	28	0.51	131	0.042	2	1.35	0.010	0.05	0.2	0.03	2.2	0.1	<0.05	5	0.6	<0.2
REP 1140201	QC	18	29	0.52	135	0.045	2	1.39	0.011	0.05	0.2	0.03	2.4	0.1	<0.05	5	1.0	<0.2
1062098	Soil	14	41	0.52	489	0.054	<1	1.65	0.012	0.11	0.2	0.02	3.1	<0.1	<0.05	6	1.1	<0.2
REP 1062098	QC	15	42	0.52	474	0.064	4	1.66	0.017	0.12	0.2	0.02	3.1	<0.1	<0.05	6	0.9	<0.2
1062089	Soil	25	36	0.74	302	0.096	<1	2.11	0.012	0.26	0.1	0.04	3.4	0.2	<0.05	7	<0.5	<0.2
REP 1062089	QC	26	38	0.78	305	0.098	1	2.13	0.010	0.27	0.1	0.04	3.4	0.2	<0.05	7	<0.5	<0.2
1111711	Soil	18	45	0.63	185	0.056	<1	1.44	0.012	0.10	0.1	0.02	2.6	0.1	<0.05	4	<0.5	<0.2
REP 1111711	QC	18	45	0.62	189	0.058	<1	1.45	0.012	0.10	0.1	0.02	2.6	0.1	<0.05	4	<0.5	<0.2
1111713	Soil	20	41	0.54	255	0.048	<1	1.84	0.015	0.08	0.1	0.06	3.2	0.1	<0.05	6	<0.5	<0.2
REP 1111713	QC	19	38	0.50	243	0.056	1	1.80	0.015	0.08	0.1	0.04	3.2	0.1	<0.05	6	<0.5	<0.2
1213552	Soil	14	28	0.61	134	0.075	1	1.67	0.015	0.08	0.2	0.02	2.9	<0.1	<0.05	6	<0.5	<0.2
REP 1213552	QC	14	27	0.58	135	0.069	<1	1.66	0.017	0.08	0.1	0.02	2.7	<0.1	<0.05	6	<0.5	<0.2
1109427	Soil	34	82	0.79	320	0.032	<1	2.01	0.010	0.08	0.1	0.06	5.3	0.1	<0.05	6	<0.5	<0.2
REP 1109427	QC	32	77	0.74	294	0.035	<1	1.89	0.010	0.08	0.1	0.06	5.4	0.1	<0.05	6	<0.5	<0.2
1109403	Soil	17	54	0.79	329	0.084	<1	1.42	0.014	0.20	0.2	0.03	2.9	0.2	<0.05	5	0.6	<0.2
REP 1109403	QC	17	51	0.80	318	0.077	<1	1.50	0.015	0.20	0.2	0.02	2.7	0.2	0.07	5	<0.5	<0.2
1106976	Soil	21	27	0.44	277	0.029	2	1.91	0.008	0.08	0.1	0.03	2.9	<0.1	<0.05	4	<0.5	<0.2
REP 1106976	QC	21	26	0.44	276	0.028	3	1.88	0.008	0.08	<0.1	0.02	2.8	0.1	<0.05	5	<0.5	<0.2
1106964	Soil	16	39	0.66	178	0.074	<1	2.55	0.007	0.12	0.1	0.02	3.6	0.2	<0.05	6	<0.5	<0.2
REP 1106964	QC	17	41	0.69	179	0.079	<1	2.67	0.008	0.12	<0.1	0.03	3.7	0.2	<0.05	7	<0.5	<0.2
1111737	Soil	12	23	0.53	166	0.037	2	1.26	0.017	0.05	0.2	0.03	3.1	<0.1	0.05	3	<0.5	<0.2
REP 1111737	QC	12	24	0.53	163	0.035	3	1.26	0.016	0.04	0.2	0.03	3.1	<0.1	0.07	4	<0.5	<0.2
1109378	Soil	19	26	0.56	288	0.038	1	1.64	0.011	0.08	0.2	0.05	3.2	0.1	0.05	6	<0.5	<0.2
REP 1109378	QC	19	26	0.56	282	0.037	2	1.64	0.011	0.09	0.2	0.03	3.4	<0.1	0.07	6	1.0	<0.2
Reference Materials																		
STD DS8	Standard	16	119	0.62	288	0.132	2	0.98	0.142	0.47	3.1	0.22	3.1	5.5	0.14	5	4.7	4.9

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1020 Cordova St. East Vancouver BC V6A 4A3 Canada
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		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	**Cu**	**Pb**	**Zn**	**Ag**	**Ni**	**Co**	**Mn**	**Fe**	**As**	**U**	**Au**	**Th**	**Sr**	**Cd**	**Sb**	**Bi**	**V**	**Ca**	**P**
		ppm	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**%**	**ppm**	**ppm**	**ppb**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**%**	**%**
		0.1	**0.1**	**0.1**	**1**	**0.1**	**0.1**	**0.1**	**1**	**0.01**	**0.5**	**0.1**	**0.5**	**0.1**	**1**	**0.1**	**0.1**	**0.1**	**2**	**0.01**	**0.001**
STD DS8	Standard	12.6	106.6	127.8	306	1.7	37.9	7.4	607	2.37	25.8	3.2	110.7	7.9	63	2.3	4.7	5.3	41	0.68	0.076
STD DS8	Standard	12.8	103.5	123.9	301	1.7	36.5	7.2	594	2.33	24.8	2.9	107.4	7.3	63	2.3	6.0	5.0	40	0.67	0.073
STD DS8	Standard	12.1	106.2	121.6	299	1.7	37.4	7.2	569	2.36	24.7	2.5	112.2	6.0	57	2.1	4.8	5.3	39	0.63	0.074
STD DS8	Standard	11.0	109.4	128.9	311	1.9	38.7	7.5	601	2.46	25.7	2.6	118.5	5.8	65	2.3	5.6	6.9	41	0.64	0.078
STD DS8	Standard	13.5	109.3	129.7	313	1.9	37.6	7.3	602	2.44	26.6	3.0	115.2	7.7	73	2.3	5.7	7.4	42	0.70	0.078
STD DS8	Standard	13.4	109.2	123.9	290	1.7	37.8	7.5	584	2.37	25.2	2.6	114.6	6.6	60	2.3	4.9	6.1	43	0.67	0.078
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.03	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

Acme Labs
Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
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Report Date: December 05, 2011

QUALITY CONTROL REPORT DAW11000552.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
STD DS8	Standard	16	113	0.61	284	0.123	2	0.93	0.099	0.41	3.0	0.22	2.9	5.2	0.14	5	4.3	5.1
STD DS8	Standard	15	112	0.57	290	0.121	3	0.91	0.115	0.42	2.7	0.19	3.3	5.2	0.13	5	5.4	4.5
STD DS8	Standard	13	111	0.58	250	0.096	1	0.83	0.099	0.42	2.7	0.18	2.2	5.3	0.10	4	4.1	4.6
STD DS8	Standard	12	116	0.66	242	0.104	2	0.88	0.082	0.41	2.9	0.19	1.8	5.6	0.16	4	4.9	5.1
STD DS8	Standard	16	116	0.61	284	0.118	3	0.97	0.114	0.45	2.7	0.19	2.5	5.5	0.14	5	4.7	4.5
STD DS8	Standard	15	117	0.60	276	0.112	3	0.93	0.095	0.41	2.9	0.20	2.2	5.3	0.18	5	4.4	5.1
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

www.acmelab.com

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

Submitted By: Mike Skead
Receiving Lab: Canada-Whitehorse
Received: October 18, 2011
Report Date: November 23, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS WHI11001815.1

CLIENT JOB INFORMATION

Project: FLU
Shipment ID: FLU2011-02
P.O. Number
Number of Samples: 320

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
PICKUP-RJT Client to Pickup Rejects

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

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

ADDITIONAL COMMENTS

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

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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

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

Project: FLU
Report Date: November 23, 2011

CERTIFICATE OF ANALYSIS WHI11001815.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1140268	Soil	3.8	47.1	34.4	89	0.6	29.1	11.6	484	3.36	901.7	1.7	60.6	4.4	28	0.3	1.9	0.3	46	0.15	0.059
1140270	Soil	2.2	29.5	30.8	101	1.0	31.6	10.0	316	2.61	404.9	1.2	61.0	2.8	25	0.4	0.8	0.3	48	0.24	0.074
1140269	Soil	3.0	34.5	23.2	78	0.8	26.7	8.4	257	2.51	450.9	1.3	45.2	1.8	26	0.2	1.0	0.3	47	0.16	0.059
1140265	Soil	1.9	30.0	22.7	88	0.4	29.0	14.8	532	3.32	176.9	1.4	18.9	8.1	26	0.2	0.8	0.2	45	0.30	0.061
1140266	Soil	1.9	21.7	19.0	83	0.3	27.7	12.5	385	3.21	141.3	1.0	14.4	7.6	22	<0.1	0.7	0.3	45	0.27	0.060
1140254	Soil	1.5	15.6	12.7	40	0.2	10.6	7.4	368	2.31	7.1	0.5	0.7	2.4	23	0.2	0.3	0.2	71	0.39	0.017
1140263	Soil	1.8	35.0	13.7	91	0.4	36.7	14.4	592	3.06	134.0	1.5	13.5	5.9	24	0.2	0.8	0.2	50	0.33	0.068
1140264	Soil	2.0	30.3	18.7	79	0.5	26.6	11.7	307	2.96	130.6	1.4	12.0	4.5	20	0.2	0.8	0.3	47	0.20	0.062
1140262	Soil	2.1	32.1	13.6	80	0.4	35.5	14.5	587	3.23	279.8	1.3	17.2	5.1	34	0.2	0.8	0.2	47	0.53	0.078
1140267	Soil	1.9	30.4	21.6	80	0.4	28.1	16.7	781	2.97	204.9	1.5	21.1	7.6	22	0.2	0.8	0.3	41	0.24	0.063
1140258	Soil	0.8	23.1	17.9	64	0.3	24.1	9.3	533	2.34	27.3	0.9	2.3	1.1	53	0.4	0.5	0.2	54	1.32	0.069
1140257	Soil	0.7	28.3	18.3	63	0.3	29.6	11.3	417	2.83	21.7	1.2	4.6	3.0	31	<0.1	0.6	0.2	66	0.50	0.044
1140252	Soil	1.8	21.4	13.9	44	<0.1	15.2	12.0	839	2.76	11.5	1.3	1.3	5.0	33	<0.1	0.4	0.2	52	0.50	0.056
1140255	Soil	1.1	35.7	15.3	62	0.1	17.7	10.5	476	3.04	9.7	1.1	2.9	4.8	32	0.1	0.4	0.2	57	0.52	0.036
1140261	Soil	1.9	52.1	15.2	82	0.6	43.6	16.3	1106	2.98	130.1	1.9	11.8	2.8	48	0.5	0.8	0.2	48	0.87	0.081
1140260	Soil	0.6	14.1	9.6	53	0.1	10.2	4.3	211	0.95	25.8	0.7	3.3	0.4	98	0.7	0.5	0.1	19	3.40	0.066
1140253	Soil	1.2	22.6	12.4	54	0.2	19.4	8.7	219	2.85	8.5	1.2	29.1	4.8	20	<0.1	0.4	0.2	69	0.25	0.020
1140259	Soil	0.7	31.2	14.1	66	0.3	25.0	10.6	596	2.24	96.4	0.8	11.7	1.9	50	0.6	1.0	0.2	41	1.60	0.069
1140251	Soil	1.2	22.9	11.3	56	0.1	17.9	9.3	881	2.94	6.5	1.7	1.4	6.4	37	0.1	0.4	0.2	57	0.40	0.055
1140283	Soil	0.7	27.9	10.2	56	<0.1	23.1	10.6	365	2.83	12.0	1.1	2.9	4.3	26	<0.1	0.4	0.2	65	0.39	0.024
1140256	Soil	0.9	28.4	19.4	80	0.3	32.3	11.5	486	2.80	49.1	0.7	7.4	3.2	44	0.2	0.7	0.2	62	0.71	0.032
1140273	Soil	2.0	30.3	31.5	110	0.4	30.6	13.7	483	2.82	164.8	1.9	17.5	7.5	36	0.4	0.8	0.2	46	0.44	0.093
1140275	Soil	2.7	34.1	26.8	106	0.6	34.9	15.1	864	3.09	200.6	2.5	46.7	7.2	47	0.4	0.6	0.2	50	0.52	0.080
1140271	Soil	2.5	38.1	57.2	148	0.8	32.0	13.2	553	3.27	807.9	2.1	117.6	5.0	40	0.6	1.1	0.2	53	0.45	0.090
1140277	Soil	1.2	14.3	23.9	49	<0.1	15.0	6.8	201	2.43	49.7	0.8	7.4	5.5	12	0.1	0.4	0.2	51	0.15	0.040
1140278	Soil	1.0	19.8	24.3	56	0.3	22.2	8.4	236	2.35	49.0	1.1	8.5	4.7	24	0.2	0.4	0.2	42	0.26	0.043
1140274	Soil	2.8	37.2	39.4	110	0.6	25.7	12.8	513	2.81	113.5	2.5	32.0	9.4	30	0.5	0.5	0.3	43	0.40	0.103
1140276	Soil	1.4	17.7	26.8	79	<0.1	19.3	9.9	384	2.64	109.3	1.0	9.2	6.4	33	0.2	0.4	0.2	41	0.40	0.058
1140272	Soil	3.0	34.6	51.4	132	0.8	32.7	14.7	1054	2.80	319.6	2.3	58.5	5.9	48	0.7	0.8	0.3	41	0.56	0.097
1137875	Soil	2.4	34.2	34.6	103	0.3	31.1	12.5	491	3.35	561.1	1.3	21.8	5.8	21	0.6	1.2	0.2	59	0.16	0.042

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1140268	Soil	20	29	0.46	173	0.045	2	1.35	0.009	0.09	0.2	0.03	2.7	<0.1	0.06	4	0.9	<0.2
1140270	Soil	17	35	0.55	221	0.045	1	1.46	0.009	0.07	0.2	0.05	3.3	0.1	<0.05	5	0.7	<0.2
1140269	Soil	14	29	0.43	201	0.036	<1	1.39	0.017	0.06	0.1	0.05	2.5	0.1	<0.05	5	<0.5	<0.2
1140265	Soil	27	35	0.64	173	0.045	1	1.71	0.009	0.10	0.1	0.03	3.5	0.1	<0.05	5	<0.5	<0.2
1140266	Soil	26	36	0.72	161	0.057	1	1.71	0.008	0.11	0.1	0.02	2.9	0.2	<0.05	5	<0.5	<0.2
1140254	Soil	11	24	0.30	222	0.050	1	1.53	0.013	0.05	<0.1	0.02	3.1	<0.1	<0.05	7	<0.5	<0.2
1140263	Soil	25	41	0.57	251	0.046	2	1.73	0.010	0.07	0.2	0.04	4.6	0.1	<0.05	5	0.6	<0.2
1140264	Soil	23	34	0.51	193	0.032	1	1.78	0.010	0.08	0.1	0.05	3.7	0.2	<0.05	6	<0.5	<0.2
1140262	Soil	22	43	0.61	238	0.049	<1	1.60	0.009	0.08	0.2	0.04	3.8	0.1	<0.05	5	<0.5	<0.2
1140267	Soil	29	34	0.60	180	0.044	1	1.64	0.011	0.09	0.1	0.03	4.0	0.1	<0.05	5	<0.5	<0.2
1140258	Soil	13	26	0.54	241	0.042	<1	1.56	0.019	0.04	0.2	0.06	3.3	<0.1	<0.05	4	0.8	<0.2
1140257	Soil	17	35	0.59	292	0.058	<1	2.02	0.016	0.04	0.1	0.06	5.2	0.1	<0.05	6	<0.5	<0.2
1140252	Soil	19	24	0.35	460	0.024	1	1.42	0.010	0.08	0.2	0.02	4.3	<0.1	<0.05	4	<0.5	<0.2
1140255	Soil	21	24	0.43	422	0.023	1	1.82	0.009	0.08	<0.1	0.03	5.3	0.1	<0.05	5	<0.5	<0.2
1140261	Soil	26	35	0.46	653	0.031	1	1.68	0.011	0.06	0.1	0.07	5.0	0.1	<0.05	5	1.3	<0.2
1140260	Soil	5	12	0.17	296	0.021	3	0.75	0.013	0.02	0.1	0.06	1.1	<0.1	0.13	2	0.7	<0.2
1140253	Soil	16	34	0.41	266	0.050	<1	2.09	0.011	0.05	0.1	0.03	4.7	0.1	<0.05	7	<0.5	<0.2
1140259	Soil	13	23	0.55	216	0.035	2	1.18	0.015	0.05	0.2	0.05	3.1	<0.1	0.05	3	0.7	<0.2
1140251	Soil	24	33	0.44	486	0.028	1	2.44	0.009	0.10	0.1	0.05	6.2	<0.1	<0.05	7	<0.5	<0.2
1140283	Soil	17	32	0.54	361	0.062	2	2.04	0.022	0.05	0.1	0.04	5.6	0.1	<0.05	6	<0.5	<0.2
1140256	Soil	18	33	0.57	226	0.052	1	1.92	0.020	0.05	0.1	0.05	5.8	<0.1	<0.05	5	<0.5	<0.2
1140273	Soil	29	51	0.72	552	0.053	<1	1.53	0.010	0.10	0.2	0.04	4.2	0.1	<0.05	5	0.6	<0.2
1140275	Soil	44	50	0.67	836	0.057	2	1.81	0.013	0.12	0.1	0.06	4.8	0.2	<0.05	5	<0.5	<0.2
1140271	Soil	29	55	0.69	367	0.050	1	1.70	0.010	0.09	0.3	0.06	5.1	0.2	<0.05	5	0.6	<0.2
1140277	Soil	21	26	0.38	153	0.057	1	1.38	0.008	0.08	0.1	0.03	2.4	0.1	<0.05	5	<0.5	<0.2
1140278	Soil	34	35	0.43	239	0.054	<1	1.34	0.012	0.10	0.1	0.03	2.2	0.1	<0.05	5	<0.5	<0.2
1140274	Soil	47	37	0.67	586	0.050	1	1.73	0.009	0.11	0.2	0.05	4.2	0.2	<0.05	5	<0.5	<0.2
1140276	Soil	21	27	0.52	198	0.051	<1	1.41	0.009	0.09	0.1	0.02	2.5	0.1	<0.05	5	<0.5	<0.2
1140272	Soil	33	31	0.55	754	0.045	1	1.48	0.012	0.14	0.2	0.06	4.2	0.1	<0.05	5	0.6	<0.2
1137875	Soil	20	33	0.48	239	0.046	2	1.59	0.009	0.09	0.2	0.03	3.7	0.1	<0.05	6	<0.5	<0.2

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Project: FLU
Report Date: November 23, 2011

CERTIFICATE OF ANALYSIS WHI11001815.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1137877	Soil	2.7	47.6	66.2	161	1.4	42.8	12.7	529	3.53	537.0	3.1	77.8	4.5	55	0.8	0.8	0.5	54	0.48	0.084
1137878	Soil	2.4	38.3	31.8	141	0.5	42.8	13.4	444	3.31	233.1	2.0	12.2	6.2	35	0.7	0.8	0.3	60	0.37	0.080
1137879	Soil	2.2	33.9	54.5	124	0.3	27.6	11.4	616	2.64	163.3	2.3	7.5	10.0	24	0.8	1.0	0.3	29	0.27	0.080
1137882	Soil	2.6	44.9	23.0	192	<0.1	107.7	35.6	1295	5.82	227.4	1.2	5.0	7.9	17	0.7	1.4	0.2	85	0.26	0.114
1137881	Soil	1.3	21.1	21.2	74	<0.1	19.4	11.1	371	3.33	57.8	1.1	8.8	9.0	14	0.2	0.5	0.2	49	0.14	0.047
1137876	Soil	1.7	30.6	17.7	93	0.2	34.0	13.2	499	3.26	193.8	1.5	11.0	6.7	31	0.4	0.8	0.2	57	0.39	0.071
1137880	Soil	1.8	34.4	46.1	120	0.3	30.3	11.2	579	2.43	171.4	1.9	6.3	8.0	23	0.8	1.0	0.3	28	0.23	0.071
1137856	Soil	0.6	21.2	13.4	63	0.1	20.0	10.4	605	2.26	34.6	0.8	2.6	1.3	41	0.6	0.6	0.2	55	0.89	0.041
1137865	Soil	2.5	28.2	12.3	71	0.8	27.8	8.9	424	2.32	190.5	1.6	28.7	1.2	63	0.3	0.9	0.3	34	0.77	0.085
1137869	Soil	3.4	40.9	22.1	87	0.3	31.5	15.0	827	3.43	409.2	1.4	33.9	7.2	16	0.2	1.1	0.3	41	0.15	0.052
1137870	Soil	3.6	33.2	19.5	64	0.9	23.7	7.2	170	2.51	614.7	1.6	75.8	1.9	23	0.2	1.2	0.3	42	0.15	0.064
1137874	Soil	2.3	55.3	207.2	203	1.2	33.0	11.6	550	3.33	1969	1.8	243.9	4.7	44	1.6	2.0	0.3	48	0.29	0.054
1137872	Soil	2.7	40.7	31.8	117	0.6	44.0	17.7	718	3.47	678.1	1.2	41.4	3.6	23	0.6	1.4	0.3	65	0.20	0.065
1137864	Soil	2.7	48.8	17.6	88	0.5	52.0	15.7	565	2.87	150.5	1.4	18.9	4.4	41	0.5	1.0	0.3	45	0.70	0.093
1137873	Soil	2.5	32.6	25.0	100	0.2	30.8	16.1	608	3.69	695.6	0.8	32.2	2.2	19	0.5	1.2	0.3	71	0.13	0.049
1137871	Soil	3.2	39.3	18.8	95	0.8	37.6	14.5	660	3.10	509.3	1.4	42.2	2.8	32	0.5	1.1	0.3	54	0.31	0.061
1137868	Soil	1.8	27.4	23.9	85	0.5	27.6	15.4	600	3.05	204.8	1.5	29.0	6.9	18	0.2	0.8	0.3	37	0.21	0.063
1137867	Soil	2.3	35.0	18.3	88	0.4	33.5	14.0	717	3.20	192.2	1.5	12.8	6.2	30	0.3	0.7	0.3	46	0.37	0.058
1137866	Soil	2.0	27.2	17.6	61	0.7	21.6	6.9	300	2.27	135.6	1.5	18.2	1.9	32	0.2	0.6	0.4	34	0.37	0.072
1137862	Soil	4.9	57.9	19.4	148	0.3	74.7	25.7	731	4.45	369.9	1.1	7.7	3.4	36	0.9	2.0	0.4	71	0.83	0.184
1137852	Soil	0.6	26.5	15.6	59	0.3	24.9	10.5	539	2.37	60.5	0.9	5.4	1.7	49	0.4	0.8	0.3	47	1.19	0.050
1137860	Soil	1.2	36.3	28.6	98	0.5	36.4	12.1	541	2.67	163.0	0.9	22.0	4.3	30	0.5	1.4	0.3	42	0.70	0.061
1137857	Soil	0.6	21.6	11.8	60	0.1	23.8	10.3	457	2.55	20.8	0.6	1.6	2.6	28	0.2	0.5	0.2	64	0.56	0.028
1137858	Soil	0.6	44.4	12.8	74	0.2	41.8	22.3	844	4.72	142.8	0.6	3.2	5.7	20	0.1	1.5	0.3	65	0.34	0.038
1137861	Soil	3.2	44.5	19.5	100	0.5	69.1	20.2	688	4.22	190.3	1.0	11.2	2.0	29	0.5	1.0	0.6	65	0.58	0.123
1137859	Soil	0.7	35.3	13.2	72	0.2	30.8	13.5	606	2.98	93.9	1.1	9.9	3.8	30	0.1	0.8	0.2	59	0.56	0.047
1137855	Soil	0.7	30.4	13.8	67	0.3	26.7	11.5	748	2.66	41.8	0.9	2.3	1.3	54	0.5	0.7	0.2	63	1.19	0.051
1137854	Soil	0.7	24.0	14.6	64	0.2	24.5	10.4	562	2.53	36.6	0.6	2.2	1.8	40	0.3	0.8	0.2	58	0.88	0.034
1137853	Soil	0.6	29.7	14.0	56	0.2	27.7	11.1	502	2.54	45.4	0.7	6.1	2.1	40	0.2	0.8	0.2	55	0.92	0.054
1137863	Soil	3.2	42.8	14.7	84	0.4	42.0	17.2	853	3.38	291.5	1.3	9.3	3.6	36	0.3	1.0	0.2	47	0.67	0.092

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

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

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1137877	Soil	44	59	0.54	1174	0.026	2	2.22	0.010	0.09	0.2	0.11	5.2	0.1	<0.05	6	1.0	<0.2
1137878	Soil	38	67	0.82	1023	0.068	<1	1.83	0.021	0.14	0.2	0.03	3.9	0.1	<0.05	5	<0.5	<0.2
1137879	Soil	39	20	0.40	681	0.028	2	1.18	0.011	0.11	0.1	0.03	2.8	<0.1	<0.05	3	0.6	<0.2
1137882	Soil	26	258	1.35	226	0.036	2	2.19	0.006	0.14	0.2	0.03	10.3	0.2	<0.05	7	0.7	<0.2
1137881	Soil	22	25	0.55	161	0.072	<1	1.86	0.006	0.20	0.1	0.02	2.6	0.2	<0.05	6	<0.5	<0.2
1137876	Soil	21	50	0.76	352	0.061	2	1.72	0.010	0.10	0.2	0.03	4.4	0.1	<0.05	5	<0.5	<0.2
1137880	Soil	35	20	0.37	681	0.025	2	1.07	0.008	0.09	0.2	0.02	2.5	<0.1	<0.05	3	0.6	<0.2
1137856	Soil	11	26	0.52	190	0.033	1	1.44	0.014	0.03	0.2	0.04	3.4	<0.1	<0.05	4	<0.5	<0.2
1137865	Soil	26	31	0.47	324	0.025	2	1.58	0.011	0.07	0.2	0.08	3.6	<0.1	0.12	4	0.9	<0.2
1137869	Soil	27	28	0.49	141	0.038	1	1.37	0.006	0.09	0.1	0.02	2.8	<0.1	<0.05	4	0.7	<0.2
1137870	Soil	15	26	0.40	210	0.027	2	1.50	0.007	0.06	0.2	0.05	2.5	0.1	0.05	5	0.8	<0.2
1137874	Soil	28	37	0.47	546	0.028	2	1.50	0.008	0.09	0.2	0.06	3.7	0.1	<0.05	5	1.0	<0.2
1137872	Soil	14	56	0.65	211	0.055	2	1.61	0.008	0.09	0.2	0.03	3.3	0.1	<0.05	5	0.8	<0.2
1137864	Soil	24	42	0.56	423	0.030	1	1.60	0.008	0.07	0.2	0.05	5.2	0.1	0.06	4	1.1	<0.2
1137873	Soil	11	39	0.48	159	0.033	2	1.60	0.012	0.08	0.2	0.02	4.0	<0.1	0.05	5	0.6	<0.2
1137871	Soil	15	37	0.58	318	0.040	2	1.67	0.009	0.08	0.1	0.04	3.4	0.1	<0.05	5	0.7	<0.2
1137868	Soil	32	33	0.55	167	0.030	2	1.69	0.007	0.09	0.1	0.04	3.8	0.1	<0.05	5	0.6	<0.2
1137867	Soil	27	37	0.65	257	0.053	1	1.76	0.008	0.12	0.1	0.03	3.5	0.1	<0.05	5	0.6	<0.2
1137866	Soil	19	30	0.43	178	0.025	<1	1.47	0.009	0.07	0.1	0.06	2.9	0.1	0.07	5	0.8	<0.2
1137862	Soil	17	71	0.78	547	0.068	2	1.73	0.009	0.18	0.2	0.03	4.8	0.2	<0.05	6	1.2	<0.2
1137852	Soil	14	26	0.52	242	0.034	2	1.51	0.014	0.06	0.1	0.04	3.8	<0.1	0.06	4	0.7	<0.2
1137860	Soil	20	26	0.40	285	0.031	2	1.42	0.013	0.08	0.2	0.04	5.5	<0.1	<0.05	4	<0.5	<0.2
1137857	Soil	13	32	0.64	217	0.044	<1	1.75	0.018	0.04	0.2	0.04	4.6	<0.1	<0.05	5	<0.5	<0.2
1137858	Soil	20	47	0.65	314	0.008	2	1.73	0.006	0.09	0.9	0.03	13.0	0.1	<0.05	5	0.9	<0.2
1137861	Soil	18	58	0.67	652	0.044	1	1.87	0.011	0.11	0.1	0.03	6.1	<0.1	<0.05	5	1.1	<0.2
1137859	Soil	19	35	0.53	326	0.050	1	1.90	0.017	0.06	0.1	0.06	5.9	<0.1	<0.05	5	<0.5	<0.2
1137855	Soil	13	31	0.65	249	0.042	1	1.70	0.018	0.04	0.2	0.05	3.9	<0.1	0.06	5	0.8	<0.2
1137854	Soil	12	30	0.55	222	0.041	<1	1.57	0.015	0.04	0.2	0.04	3.8	<0.1	<0.05	4	<0.5	<0.2
1137853	Soil	14	30	0.60	258	0.042	1	1.62	0.017	0.05	0.2	0.05	4.0	<0.1	<0.05	5	<0.5	<0.2
1137863	Soil	27	43	0.58	369	0.046	1	1.56	0.009	0.12	0.1	0.04	3.5	0.1	0.07	5	0.8	<0.2

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www.acmelab.com

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

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1137851	Soil		0.7	32.3	18.7	66	0.3	30.1	12.1	508	2.78	40.9	0.9	4.6	3.0	41	0.2	0.8	0.3	54	0.93	0.046
1111786	Soil		0.5	37.4	11.0	60	0.2	28.6	11.4	514	2.65	13.8	0.5	2.9	2.0	40	0.3	0.6	0.2	60	1.04	0.062
1111781	Soil		0.9	13.1	22.5	42	<0.1	12.1	6.1	357	1.94	4.5	0.9	2.1	3.0	21	0.1	0.2	0.1	44	0.31	0.022
1111779	Soil		1.0	14.1	9.5	42	<0.1	13.7	7.7	287	2.51	5.8	0.5	0.9	5.0	13	<0.1	0.4	0.2	50	0.11	0.019
1111784	Soil		0.6	29.4	13.2	62	0.2	28.8	10.8	397	2.70	7.3	0.6	3.0	2.2	40	0.3	0.5	0.2	63	1.07	0.065
1111785	Soil		0.5	30.2	9.6	53	0.1	25.3	10.1	427	2.58	8.4	0.5	1.5	2.5	40	0.2	0.5	0.2	60	1.02	0.072
1111796	Soil		1.2	18.0	12.1	20	<0.1	9.2	3.4	119	1.66	131.2	0.6	3.5	0.9	9	0.1	0.4	0.2	36	0.04	0.041
1111780	Soil		1.1	14.4	9.3	47	<0.1	16.1	8.3	258	2.85	8.4	0.5	0.9	4.0	12	0.1	0.4	0.2	61	0.11	0.019
1111782	Soil		0.6	26.8	34.2	64	0.3	22.4	7.7	874	2.02	7.9	1.0	1.1	0.7	60	0.9	0.6	0.2	48	2.47	0.068
1111787	Soil		0.5	33.4	10.5	50	0.2	27.9	11.0	400	2.53	21.3	0.6	2.8	2.6	31	0.1	0.5	0.2	55	0.64	0.046
1111783	Soil		0.8	19.9	26.3	70	<0.1	26.6	10.1	555	2.51	9.0	0.7	1.2	1.8	34	0.5	0.5	0.2	57	0.89	0.035
1106988	Soil		0.6	16.7	27.1	78	<0.1	19.6	14.3	638	3.64	2.9	1.4	<0.5	10.3	15	0.1	0.4	0.1	62	0.17	0.036
1111800	Soil		1.1	34.1	17.8	69	<0.1	29.6	14.9	473	3.20	24.3	2.0	3.7	12.6	21	<0.1	0.9	0.2	36	0.22	0.042
1106987	Soil		0.6	18.6	11.1	48	<0.1	14.7	8.5	318	2.51	5.6	0.8	1.9	1.4	25	<0.1	0.4	0.2	51	0.22	0.037
1108348	Soil		0.7	20.4	14.5	71	<0.1	14.2	8.4	453	2.72	4.8	1.8	<0.5	8.3	27	0.1	0.4	0.3	43	0.27	0.043
1106991	Soil		0.7	23.6	14.3	64	<0.1	12.8	8.2	432	2.53	5.9	1.0	1.6	6.7	23	<0.1	0.3	0.6	45	0.23	0.036
1106990	Soil		0.6	23.1	19.0	62	<0.1	15.9	9.9	450	2.58	6.3	0.6	4.4	6.0	18	<0.1	0.4	0.4	47	0.21	0.041
1108347	Soil		0.5	19.1	14.9	67	0.1	10.5	8.0	467	2.57	3.5	2.4	1.1	11.8	37	0.1	0.3	0.2	36	0.43	0.050
1106986	Soil		0.4	18.5	13.8	53	0.3	25.1	9.8	864	2.63	8.0	0.8	4.5	2.1	49	0.1	0.4	0.2	45	0.83	0.069
1106993	Soil		0.6	23.0	11.1	63	<0.1	17.0	8.4	354	2.63	5.8	1.3	3.6	7.2	23	<0.1	0.4	0.2	48	0.25	0.049
1106989	Soil		0.7	26.1	11.2	64	<0.1	20.8	11.1	408	3.01	8.3	1.0	3.5	6.8	21	0.1	0.5	0.2	57	0.20	0.036
1111799	Soil		1.7	33.7	14.2	81	0.2	40.0	17.6	592	3.63	23.1	1.2	35.2	7.7	16	0.1	0.7	0.2	68	0.16	0.040
1111790	Soil		0.7	27.4	16.1	57	0.2	24.6	10.1	240	2.67	18.8	0.8	7.6	4.7	14	<0.1	0.5	0.2	55	0.15	0.021
1111797	Soil		1.0	26.9	13.1	46	0.2	25.0	11.1	286	3.05	21.4	0.9	229.9	5.2	14	0.1	0.6	0.2	59	0.11	0.027
1111791	Soil		1.0	39.7	36.2	210	0.2	27.3	13.1	931	4.06	169.6	1.1	28.2	5.9	15	0.3	1.0	0.5	47	0.33	0.037
1111794	Soil		2.0	46.1	46.0	112	0.1	47.8	19.8	740	3.66	277.5	1.4	69.8	9.5	14	0.6	1.2	0.3	41	0.15	0.042
1111795	Soil		1.7	43.4	11.7	67	<0.1	27.8	15.4	677	3.24	118.0	1.5	7.3	7.7	13	0.2	0.6	0.2	46	0.10	0.040
1111789	Soil		0.9	18.3	11.9	30	0.2	8.5	3.9	161	1.63	28.4	0.3	353.9	1.6	9	0.1	0.5	0.3	46	0.10	0.017
1111793	Soil		2.1	38.7	51.3	43	<0.1	9.9	7.0	228	2.46	521.7	1.7	11.6	10.1	14	0.3	6.0	0.5	23	0.19	0.039
1106992	Soil		1.0	15.3	11.0	46	0.2	10.8	5.7	254	2.24	4.5	1.5	1.2	4.3	22	0.2	0.3	0.2	38	0.20	0.042

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1137851	Soil	17	30	0.60	268	0.045	1	1.66	0.019	0.07	0.1	0.05	4.5	<0.1	<0.05	5	0.7	<0.2
1111786	Soil	14	32	0.59	290	0.053	<1	1.71	0.021	0.04	0.1	0.03	3.7	<0.1	0.06	5	0.7	<0.2
1111781	Soil	13	22	0.33	453	0.019	2	1.45	0.007	0.06	0.1	0.02	3.4	<0.1	<0.05	4	<0.5	<0.2
1111779	Soil	17	23	0.38	178	0.026	2	1.88	0.008	0.07	<0.1	0.01	2.7	0.1	<0.05	5	<0.5	<0.2
1111784	Soil	14	34	0.67	196	0.058	2	1.85	0.023	0.04	0.1	0.03	4.1	<0.1	<0.05	5	0.6	<0.2
1111785	Soil	14	31	0.54	254	0.066	2	1.59	0.021	0.04	0.1	0.04	3.9	<0.1	<0.05	5	<0.5	<0.2
1111796	Soil	15	22	0.21	84	0.036	<1	0.97	0.006	0.05	<0.1	0.01	1.1	<0.1	<0.05	5	0.7	<0.2
1111780	Soil	12	27	0.43	181	0.034	2	1.98	0.007	0.06	0.1	0.02	3.0	0.1	<0.05	6	<0.5	<0.2
1111782	Soil	11	26	0.60	275	0.029	3	1.51	0.015	0.03	0.1	0.04	2.5	<0.1	0.10	4	0.9	<0.2
1111787	Soil	14	31	0.55	279	0.055	<1	1.51	0.018	0.04	0.1	0.04	3.7	<0.1	<0.05	4	<0.5	<0.2
1111783	Soil	13	31	0.58	173	0.044	2	1.80	0.018	0.03	0.1	0.03	3.6	<0.1	<0.05	5	0.6	<0.2
1106988	Soil	32	37	0.84	391	0.069	3	2.02	0.007	0.16	0.1	0.01	4.3	0.1	<0.05	7	0.5	<0.2
1111800	Soil	45	34	0.76	232	0.031	1	1.73	0.007	0.08	<0.1	0.02	4.4	<0.1	<0.05	5	<0.5	<0.2
1106987	Soil	15	25	0.44	993	0.024	2	1.79	0.009	0.04	0.2	0.04	3.1	<0.1	<0.05	6	<0.5	<0.2
1108348	Soil	30	20	0.54	364	0.028	2	1.69	0.009	0.08	0.1	0.03	3.5	0.1	<0.05	5	<0.5	<0.2
1106991	Soil	17	21	0.47	244	0.024	2	1.67	0.009	0.06	0.1	0.03	2.9	<0.1	<0.05	5	<0.5	<0.2
1106990	Soil	14	24	0.51	227	0.030	3	1.77	0.009	0.07	0.1	0.02	3.0	<0.1	<0.05	5	<0.5	<0.2
1108347	Soil	37	16	0.52	441	0.022	2	1.60	0.008	0.13	0.2	0.03	3.6	0.1	<0.05	5	<0.5	<0.2
1106986	Soil	19	27	0.48	366	0.023	1	1.90	0.012	0.04	0.1	0.05	3.3	<0.1	<0.05	5	0.7	<0.2
1106993	Soil	23	26	0.58	280	0.040	2	1.59	0.012	0.06	0.1	0.02	3.6	<0.1	<0.05	5	<0.5	<0.2
1106989	Soil	19	33	0.57	489	0.041	2	2.14	0.010	0.06	0.1	0.03	5.1	<0.1	<0.05	6	<0.5	<0.2
1111799	Soil	18	101	1.03	195	0.063	1	2.64	0.007	0.07	0.2	0.04	6.3	0.1	<0.05	7	<0.5	<0.2
1111790	Soil	11	31	0.60	221	0.058	<1	1.88	0.010	0.05	0.2	0.04	3.0	0.1	<0.05	5	0.5	<0.2
1111797	Soil	13	38	0.50	195	0.044	<1	2.62	0.011	0.04	0.1	0.04	4.3	<0.1	<0.05	6	<0.5	<0.2
1111791	Soil	18	33	0.72	195	0.030	<1	1.88	0.007	0.06	0.2	0.03	3.7	0.1	<0.05	5	0.8	<0.2
1111794	Soil	27	44	0.62	257	0.039	<1	1.82	0.007	0.09	0.1	0.01	3.6	0.1	<0.05	4	0.7	<0.2
1111795	Soil	21	29	0.64	134	0.047	1	1.76	0.005	0.10	0.1	0.03	3.0	0.1	<0.05	5	0.5	<0.2
1111789	Soil	9	14	0.27	71	0.033	<1	1.00	0.006	0.05	0.2	0.02	1.4	<0.1	<0.05	5	<0.5	<0.2
1111793	Soil	27	11	0.26	182	0.005	<1	1.10	0.003	0.07	0.1	0.01	1.6	0.1	<0.05	3	<0.5	<0.2
1106992	Soil	27	19	0.34	325	0.020	2	1.41	0.012	0.07	0.1	0.04	2.5	<0.1	<0.05	5	<0.5	<0.2

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

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

Project: FLU
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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1111788	Soil		0.8	42.5	13.7	58	<0.1	24.0	11.1	414	2.75	32.2	1.1	5.0	3.3	31	<0.1	0.5	0.2	60	0.46	0.036
1111798	Soil		1.2	19.7	11.5	55	<0.1	30.5	13.4	255	3.44	17.3	0.8	1.1	3.3	22	0.1	0.6	0.2	77	0.31	0.098
1111792	Soil		2.1	39.7	52.0	46	<0.1	9.8	7.0	228	2.44	548.7	1.7	22.2	10.6	15	0.2	6.3	0.5	21	0.20	0.038
1213674	Soil		1.5	26.4	27.1	85	0.2	20.1	8.5	307	2.57	97.6	2.4	18.2	17.6	23	0.2	0.6	0.2	39	0.27	0.076
1213672	Soil		1.5	24.2	32.4	82	0.2	22.8	9.0	249	2.66	54.6	1.4	15.0	7.8	17	0.2	0.5	0.2	47	0.18	0.050
1213663	Soil		2.1	33.2	20.8	93	0.2	26.0	12.8	515	3.02	101.0	1.4	17.7	16.6	20	0.2	0.6	0.2	47	0.29	0.091
1213670	Soil		2.5	55.5	14.1	118	0.3	26.4	10.1	408	3.25	67.6	1.6	4.6	10.4	35	0.2	0.7	0.2	54	0.19	0.068
1213673	Soil		1.0	19.3	16.8	54	0.1	16.2	6.1	155	2.18	33.1	1.3	7.9	5.6	15	0.1	0.3	0.2	45	0.15	0.036
1213671	Soil		1.2	25.1	18.0	61	0.3	16.8	6.4	170	2.28	25.5	1.9	6.0	3.6	17	0.3	0.3	0.2	44	0.16	0.050
1213666	Soil		2.9	36.5	22.1	65	1.0	23.5	8.4	257	2.66	214.7	3.8	17.8	4.0	42	0.4	0.6	0.3	38	0.41	0.077
1213667	Soil		8.0	41.7	35.9	133	0.7	49.6	18.7	707	3.34	172.9	2.1	16.7	7.1	31	0.3	0.9	0.5	58	0.30	0.085
1213669	Soil		2.8	62.6	15.2	123	0.4	29.3	11.1	467	3.58	74.2	1.7	4.3	11.7	39	0.2	0.9	0.2	58	0.19	0.073
1213664	Soil		2.3	28.9	25.7	61	0.3	18.8	7.6	313	2.42	167.3	1.8	13.2	1.8	21	0.4	0.6	0.3	47	0.21	0.069
1213668	Soil		2.4	37.6	28.1	102	1.1	27.9	11.8	371	3.13	302.1	2.3	32.4	8.7	26	0.3	0.7	0.3	46	0.30	0.105
1213665	Soil		3.4	42.3	22.6	101	0.3	32.2	14.0	434	3.33	122.5	2.0	11.4	9.2	28	0.2	0.9	0.3	53	0.38	0.097
1213655	Soil		1.4	18.4	17.1	59	<0.1	21.7	9.6	408	2.84	10.1	0.9	2.2	7.6	16	<0.1	0.5	0.2	54	0.17	0.038
1213662	Soil		1.1	28.4	29.3	78	0.2	22.5	8.9	324	2.63	103.3	2.1	15.5	6.2	21	0.2	0.5	0.2	47	0.23	0.051
1213659	Soil		22.7	13.3	29.4	66	0.1	4.8	7.5	608	2.67	20.3	3.4	3.7	10.2	35	0.2	0.4	0.7	26	0.25	0.074
1213661	Soil		1.6	26.7	48.1	76	0.2	21.0	8.6	306	2.87	216.6	1.3	38.0	4.2	16	0.2	0.6	0.2	50	0.17	0.042
1213660	Soil		1.4	25.8	11.4	57	0.1	24.2	10.8	356	2.83	48.8	1.1	26.2	4.3	15	0.1	0.5	0.2	57	0.17	0.041
1213658	Soil		1.0	17.2	9.3	44	<0.1	11.2	5.2	240	1.88	6.9	1.1	3.2	3.9	17	0.1	0.4	0.2	36	0.19	0.037
1213657	Soil		1.6	17.9	10.9	56	<0.1	14.4	6.5	332	2.72	8.8	1.1	1.2	7.2	14	0.2	0.4	0.2	49	0.14	0.044
1213656	Soil		0.8	16.9	10.9	47	<0.1	13.8	6.3	200	2.41	7.8	0.9	2.3	3.4	15	0.1	0.4	0.2	46	0.14	0.046
1213651	Soil		0.9	20.1	9.8	56	<0.1	17.6	7.6	347	2.39	7.5	1.8	3.1	5.3	18	<0.1	0.4	0.2	46	0.17	0.039
1213652	Soil		1.0	18.0	9.3	57	<0.1	17.7	8.8	366	2.56	8.9	0.8	2.0	6.9	18	0.1	0.5	0.2	51	0.16	0.041
1213653	Soil		1.4	10.2	11.4	37	<0.1	9.6	4.6	227	2.80	9.1	0.4	3.1	2.6	7	0.1	0.5	0.2	67	0.06	0.031
1213654	Soil		1.7	18.5	16.0	33	<0.1	8.8	4.3	206	1.95	5.4	1.2	2.2	1.3	15	0.1	0.3	0.2	44	0.11	0.034
1213675	Soil		1.3	15.2	21.5	58	<0.1	12.6	5.8	213	2.28	32.1	1.4	6.9	7.4	14	<0.1	0.5	0.2	45	0.12	0.039
1213677	Soil		1.4	32.8	27.4	81	0.2	34.2	13.3	441	3.09	82.4	2.0	12.7	9.9	21	0.2	0.5	0.3	48	0.21	0.057
1213679	Soil		1.0	21.0	19.0	64	0.2	24.4	9.8	262	2.53	19.6	1.5	6.0	9.7	30	0.1	0.5	0.2	47	0.34	0.068

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1111788	Soil	14	32	0.60	261	0.048	<1	1.91	0.014	0.03	0.2	0.03	5.3	<0.1	<0.05	5	<0.5	<0.2
1111798	Soil	12	70	0.86	270	0.091	1	2.24	0.008	0.12	0.2	0.03	4.0	0.2	<0.05	7	<0.5	<0.2
1111792	Soil	27	10	0.25	176	0.005	<1	1.11	0.003	0.07	0.1	<0.01	1.7	0.1	<0.05	3	<0.5	<0.2
1213674	Soil	57	26	0.49	198	0.049	1	1.46	0.009	0.10	0.2	0.03	2.4	0.2	<0.05	5	0.7	<0.2
1213672	Soil	21	34	0.56	171	0.065	<1	1.71	0.008	0.07	0.1	0.03	2.6	0.1	<0.05	5	0.6	<0.2
1213663	Soil	22	28	0.81	202	0.078	<1	1.91	0.010	0.20	0.1	0.03	2.7	0.2	<0.05	5	<0.5	<0.2
1213670	Soil	28	39	1.01	318	0.116	<1	1.83	0.012	0.51	<0.1	<0.01	2.6	0.4	0.15	6	1.5	<0.2
1213673	Soil	21	26	0.43	160	0.053	<1	1.56	0.008	0.05	0.1	0.03	2.6	0.1	<0.05	5	<0.5	<0.2
1213671	Soil	22	26	0.47	160	0.052	<1	1.44	0.008	0.07	0.1	0.04	2.2	0.1	<0.05	5	<0.5	<0.2
1213666	Soil	49	33	0.48	340	0.033	<1	1.52	0.008	0.08	0.1	0.05	3.4	0.1	0.07	5	1.6	<0.2
1213667	Soil	27	116	0.97	220	0.056	<1	1.72	0.008	0.10	0.2	0.04	3.4	0.2	<0.05	6	1.1	<0.2
1213669	Soil	31	42	1.06	345	0.124	<1	1.92	0.013	0.58	0.1	0.02	2.7	0.4	0.17	6	1.3	<0.2
1213664	Soil	19	29	0.47	178	0.037	<1	1.47	0.008	0.06	0.1	0.03	2.0	0.1	<0.05	6	0.5	<0.2
1213668	Soil	24	38	0.71	210	0.071	<1	1.88	0.008	0.18	0.1	0.06	3.3	0.2	<0.05	6	0.8	<0.2
1213665	Soil	27	36	0.89	262	0.077	<1	2.02	0.009	0.26	0.1	0.02	3.2	0.2	<0.05	6	0.8	<0.2
1213655	Soil	16	30	0.53	165	0.046	<1	1.98	0.009	0.05	0.1	0.03	3.3	0.1	<0.05	6	0.6	<0.2
1213662	Soil	22	30	0.55	209	0.053	<1	1.78	0.010	0.06	0.1	0.04	4.1	0.1	<0.05	5	<0.5	<0.2
1213659	Soil	35	7	0.35	124	0.009	<1	1.16	0.009	0.09	<0.1	0.02	2.1	<0.1	<0.05	5	<0.5	<0.2
1213661	Soil	12	27	0.46	155	0.025	<1	1.66	0.007	0.04	0.1	0.04	2.7	<0.1	<0.05	5	<0.5	<0.2
1213660	Soil	12	30	0.59	151	0.043	2	1.90	0.010	0.04	0.2	0.05	3.5	0.1	<0.05	5	<0.5	<0.2
1213658	Soil	20	18	0.38	112	0.031	<1	1.11	0.008	0.04	0.1	0.03	2.2	<0.1	<0.05	4	<0.5	<0.2
1213657	Soil	21	23	0.42	124	0.019	<1	1.69	0.007	0.05	0.1	0.03	2.4	<0.1	<0.05	6	<0.5	<0.2
1213656	Soil	15	23	0.38	136	0.025	<1	1.70	0.007	0.04	0.1	0.02	2.3	<0.1	<0.05	6	<0.5	<0.2
1213651	Soil	14	25	0.47	181	0.034	<1	1.50	0.009	0.04	0.1	0.02	2.9	<0.1	<0.05	5	<0.5	<0.2
1213652	Soil	12	27	0.48	152	0.039	<1	1.79	0.008	0.04	0.2	0.02	3.1	<0.1	<0.05	5	0.6	<0.2
1213653	Soil	8	20	0.26	59	0.052	<1	1.40	0.006	0.03	0.1	0.03	1.6	<0.1	<0.05	7	<0.5	<0.2
1213654	Soil	19	18	0.25	122	0.025	<1	1.26	0.007	0.03	0.1	0.03	1.6	<0.1	<0.05	6	<0.5	<0.2
1213675	Soil	23	25	0.36	108	0.044	1	1.28	0.006	0.08	0.1	0.02	1.9	0.1	<0.05	6	<0.5	<0.2
1213677	Soil	21	51	0.79	178	0.089	1	1.76	0.007	0.22	<0.1	0.02	2.9	0.3	<0.05	5	<0.5	<0.2
1213679	Soil	27	61	0.74	202	0.080	<1	1.56	0.008	0.12	0.2	0.02	2.6	0.2	<0.05	5	<0.5	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1213682	Soil	1.3	29.9	14.4	76	0.1	25.1	10.1	273	2.75	47.5	1.4	4.6	5.6	27	0.3	0.5	0.2	58	0.22	0.051
1213681	Soil	1.3	28.8	15.9	77	0.2	29.2	10.7	287	2.76	50.4	1.9	6.8	8.3	26	0.2	0.6	0.2	55	0.24	0.047
1213680	Soil	1.4	19.6	15.8	55	0.2	20.1	7.8	208	2.50	33.5	1.3	4.7	6.2	20	0.2	0.4	0.2	54	0.18	0.038
1213678	Soil	1.3	23.9	20.5	72	0.2	26.2	10.8	365	2.73	58.8	1.5	5.2	9.1	25	0.1	0.5	0.2	47	0.27	0.067
1213676	Soil	1.1	22.1	25.5	69	0.2	22.9	8.4	247	2.63	33.6	1.7	10.3	14.2	20	<0.1	0.5	0.2	47	0.19	0.039
1213586	Soil	0.9	34.5	56.0	199	0.6	32.1	10.3	332	2.28	224.2	1.0	43.4	3.2	59	2.0	0.9	0.2	33	1.24	0.076
1213583	Soil	0.7	29.8	16.8	71	0.2	30.4	12.2	289	2.70	73.4	0.9	16.5	3.1	35	0.5	0.6	0.2	41	1.17	0.069
1213582	Soil	0.5	27.9	16.7	83	0.3	21.5	8.8	451	1.96	70.3	1.2	17.6	2.6	51	0.4	0.6	0.2	31	1.73	0.060
1213581	Soil	0.5	18.0	15.0	72	0.2	15.0	7.6	410	1.89	35.9	0.8	9.7	2.0	59	0.4	0.4	0.2	30	2.04	0.052
1213584	Soil	0.6	29.2	25.8	87	0.4	22.9	8.4	341	1.63	76.3	1.0	19.2	1.1	62	0.9	0.7	0.2	25	2.16	0.062
1213580	Soil	1.0	19.9	10.3	61	0.1	14.6	7.7	297	2.24	5.9	1.4	1.9	5.4	34	0.2	0.6	0.2	40	0.73	0.049
1213808	Soil	1.0	24.2	16.5	50	0.3	20.3	9.4	367	2.22	17.4	0.9	3.1	1.7	35	0.2	0.5	0.2	46	0.41	0.051
1213809	Soil	1.3	27.2	42.8	67	0.3	24.8	8.4	308	2.32	30.9	0.9	7.5	3.0	26	0.4	0.6	0.2	51	0.31	0.065
1213801	Soil	0.8	17.3	23.9	53	0.3	13.8	4.8	139	1.74	155.9	1.1	41.7	2.3	26	0.3	0.4	0.2	25	0.27	0.059
1213599	Soil	1.5	21.1	38.3	88	0.3	18.6	8.6	289	2.58	432.9	0.9	27.8	3.4	22	0.3	0.6	0.2	43	0.22	0.065
1213806	Soil	1.7	16.9	19.7	80	0.2	19.0	10.4	335	2.86	122.0	1.3	6.2	3.1	34	0.3	0.5	0.2	55	0.42	0.061
1213805	Soil	1.5	28.2	19.7	91	0.3	29.7	12.1	378	2.85	110.7	2.0	51.7	5.8	19	0.3	0.9	0.2	57	0.16	0.060
1213804	Soil	1.1	14.7	22.2	63	0.2	14.0	7.1	249	2.02	69.7	1.2	6.5	3.5	14	0.2	0.3	0.2	49	0.15	0.058
1213807	Soil	1.6	42.5	22.1	79	0.4	37.6	10.9	389	2.62	32.5	1.7	4.4	3.5	36	0.4	0.7	0.2	55	0.41	0.061
1213587	Soil	1.7	51.1	40.2	124	0.6	44.6	14.3	525	3.48	423.7	1.6	53.6	5.2	56	0.4	0.9	0.2	46	0.60	0.135
1213802	Soil	0.6	14.6	20.0	46	0.2	12.2	4.0	113	1.63	74.1	1.0	8.1	3.0	16	0.2	0.3	0.1	27	0.18	0.053
1213600	Soil	1.0	18.7	31.7	74	0.4	17.6	5.7	148	1.88	170.2	1.1	42.0	3.1	31	0.3	0.5	0.2	33	0.34	0.064
1213598	Soil	1.0	20.5	50.3	86	0.4	17.7	5.3	138	2.27	354.3	1.1	54.3	3.3	22	0.3	0.6	0.3	34	0.25	0.056
1213588	Soil	1.6	27.7	14.7	62	0.2	23.3	10.4	390	2.81	214.3	1.1	21.9	4.6	13	0.1	0.5	0.2	47	0.12	0.049
1213803	Soil	0.6	15.9	22.3	48	0.2	13.6	6.0	201	2.31	119.0	1.3	10.6	3.7	15	0.2	0.3	0.2	43	0.16	0.059
1213590	Soil	1.9	24.4	20.6	70	<0.1	19.4	11.1	610	3.32	346.4	0.7	16.5	3.5	9	0.2	0.6	0.3	62	0.09	0.037
1213589	Soil	1.3	30.3	16.9	67	0.2	27.0	11.5	415	3.01	336.3	1.4	43.8	5.5	19	0.1	0.5	0.2	57	0.22	0.042
1213591	Soil	3.0	77.0	113.6	184	0.3	44.2	17.3	709	4.11	785.9	1.8	98.0	5.5	17	1.0	1.2	0.4	62	0.09	0.040
1213585	Soil	0.7	28.1	25.7	114	0.5	28.9	11.0	510	2.22	127.1	0.9	23.2	2.4	79	1.0	0.6	0.3	39	1.80	0.085
1213596	Soil	2.3	58.8	56.9	129	1.0	35.9	13.8	516	3.31	483.9	2.7	63.4	6.9	36	0.7	0.9	0.4	60	0.41	0.077

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

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

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1213682	Soil	14	39	0.62	330	0.073	<1	1.59	0.011	0.07	0.2	0.03	3.2	<0.1	<0.05	5	<0.5	<0.2
1213681	Soil	19	50	0.71	436	0.082	<1	1.62	0.010	0.08	0.1	0.02	3.1	<0.1	<0.05	5	<0.5	<0.2
1213680	Soil	15	44	0.51	185	0.071	<1	1.54	0.011	0.05	0.1	0.03	2.6	0.1	<0.05	6	<0.5	<0.2
1213678	Soil	20	55	0.76	195	0.084	<1	1.58	0.009	0.17	0.1	0.03	2.6	0.2	<0.05	5	<0.5	<0.2
1213676	Soil	33	41	0.58	159	0.064	<1	1.52	0.007	0.09	0.1	0.03	2.6	0.2	<0.05	6	<0.5	<0.2
1213586	Soil	17	23	0.61	257	0.027	<1	1.21	0.013	0.05	0.4	0.05	3.6	<0.1	<0.05	3	<0.5	<0.2
1213583	Soil	13	29	0.55	173	0.025	1	1.19	0.008	0.04	0.4	0.03	3.0	<0.1	<0.05	4	<0.5	<0.2
1213582	Soil	12	21	0.53	182	0.020	2	1.14	0.009	0.04	0.2	0.04	2.7	<0.1	0.07	3	<0.5	<0.2
1213581	Soil	11	17	0.44	225	0.026	3	1.03	0.011	0.06	0.1	0.03	2.3	<0.1	0.08	3	<0.5	<0.2
1213584	Soil	9	20	0.38	242	0.019	2	0.91	0.008	0.03	0.2	0.04	1.9	<0.1	0.08	3	0.7	<0.2
1213580	Soil	16	21	0.42	228	0.027	1	1.19	0.010	0.03	0.1	0.05	2.9	<0.1	<0.05	4	<0.5	<0.2
1213808	Soil	10	32	0.52	334	0.045	<1	1.30	0.014	0.04	0.2	0.03	2.7	<0.1	<0.05	4	<0.5	<0.2
1213809	Soil	10	40	0.54	261	0.056	<1	1.36	0.010	0.05	0.2	0.03	2.8	<0.1	<0.05	5	<0.5	<0.2
1213801	Soil	15	20	0.35	142	0.031	1	0.97	0.009	0.04	0.2	0.05	1.7	<0.1	<0.05	3	<0.5	<0.2
1213599	Soil	13	26	0.48	227	0.035	<1	1.27	0.009	0.04	0.2	0.04	2.3	<0.1	<0.05	4	<0.5	<0.2
1213806	Soil	12	28	0.50	295	0.031	1	1.29	0.011	0.05	0.2	0.05	2.8	<0.1	<0.05	4	<0.5	<0.2
1213805	Soil	17	46	0.61	143	0.058	<1	1.53	0.008	0.07	0.1	0.03	2.3	0.1	<0.05	5	<0.5	<0.2
1213804	Soil	16	31	0.45	86	0.041	<1	1.16	0.006	0.05	0.2	0.04	1.5	0.1	<0.05	5	<0.5	<0.2
1213807	Soil	15	58	0.77	398	0.065	<1	1.55	0.016	0.07	0.2	0.03	3.8	<0.1	<0.05	5	<0.5	<0.2
1213587	Soil	22	39	0.80	336	0.052	<1	1.80	0.007	0.13	0.1	0.04	4.2	0.1	<0.05	5	<0.5	<0.2
1213802	Soil	16	21	0.33	95	0.034	<1	0.98	0.006	0.03	0.2	0.05	1.5	0.1	<0.05	4	<0.5	<0.2
1213600	Soil	15	24	0.47	186	0.037	<1	1.21	0.009	0.04	0.2	0.04	2.2	<0.1	<0.05	4	<0.5	<0.2
1213598	Soil	13	31	0.46	175	0.036	<1	1.26	0.010	0.04	0.1	0.06	2.3	<0.1	<0.05	4	0.7	<0.2
1213588	Soil	19	33	0.55	133	0.049	<1	1.62	0.007	0.06	0.1	0.03	2.6	<0.1	<0.05	5	<0.5	<0.2
1213803	Soil	22	29	0.39	118	0.037	1	1.32	0.008	0.04	0.1	0.04	1.8	0.1	0.05	5	0.6	<0.2
1213590	Soil	20	27	0.46	67	0.051	1	1.43	0.005	0.08	0.1	0.02	1.6	0.1	<0.05	7	<0.5	<0.2
1213589	Soil	20	39	0.68	193	0.053	1	2.04	0.010	0.06	0.1	0.04	3.9	0.1	<0.05	6	<0.5	<0.2
1213591	Soil	21	52	0.82	111	0.062	1	1.91	0.005	0.19	<0.1	0.02	2.4	0.2	<0.05	7	0.8	<0.2
1213585	Soil	15	28	0.63	375	0.033	2	1.36	0.012	0.05	0.2	0.06	2.9	<0.1	0.08	4	0.7	<0.2
1213596	Soil	37	51	0.82	352	0.048	1	2.08	0.009	0.14	0.1	0.05	3.4	0.2	<0.05	6	0.8	<0.2

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

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

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1213592	Soil		1.6	43.2	93.0	133	0.6	27.1	11.0	417	3.32	919.4	1.5	142.4	4.7	18	0.7	0.7	0.2	45	0.17	0.067
1213593	Soil		1.8	15.4	38.5	43	0.6	8.9	3.2	140	2.12	172.5	0.4	17.0	1.3	9	0.2	0.5	0.3	66	0.06	0.032
1213594	Soil		2.6	41.2	148.2	185	0.6	30.5	13.6	564	3.09	545.6	1.2	58.4	4.6	20	1.2	0.8	0.2	54	0.18	0.049
1213597	Soil		1.8	48.2	52.8	117	0.5	31.1	10.5	311	2.96	314.4	2.4	43.0	6.5	24	0.5	0.7	0.3	56	0.25	0.071
1213595	Soil		2.4	45.2	72.9	154	0.7	29.6	12.1	465	3.16	743.7	1.5	70.6	5.6	23	1.0	0.8	0.3	53	0.22	0.065
1140480	Soil		1.4	15.4	10.8	57	0.1	17.5	9.0	360	2.60	8.5	1.1	5.3	4.7	23	0.1	0.3	0.2	58	0.31	0.045
1140477	Soil		1.2	18.9	11.0	58	0.2	16.6	8.9	391	2.68	13.1	2.5	4.8	4.7	32	0.2	0.4	0.2	58	0.60	0.046
1140483	Soil		0.7	23.9	15.3	70	0.2	18.8	8.9	449	2.14	70.4	1.3	9.3	3.2	53	0.3	0.4	0.2	33	1.66	0.060
1140479	Soil		1.3	15.5	10.4	51	0.1	15.4	8.1	320	2.41	7.0	1.2	2.3	4.1	22	0.2	0.3	0.1	54	0.29	0.047
1140482	Soil		0.9	24.0	20.0	81	0.2	19.6	11.4	248	3.08	64.3	1.7	6.6	4.5	29	0.4	0.5	0.2	46	0.68	0.061
1140478	Soil		2.1	12.9	8.8	41	<0.1	8.1	6.2	322	2.58	4.0	1.0	0.9	6.3	10	0.1	0.5	0.2	49	0.13	0.046
1140481	Soil		2.1	18.8	9.5	65	0.2	17.5	8.0	399	2.63	6.3	1.6	4.5	2.6	49	0.2	0.3	0.2	54	0.67	0.063
1140484	Soil		0.5	25.7	18.5	81	0.2	24.1	8.9	330	2.47	132.2	1.2	13.7	4.6	47	0.3	0.6	0.2	36	1.42	0.061
1140491	Soil		1.1	32.2	75.3	137	1.0	27.0	9.9	243	2.58	492.0	1.4	95.9	2.5	29	0.8	0.7	0.3	40	0.29	0.070
1140495	Soil		2.7	33.4	44.8	125	0.7	31.4	20.8	1089	3.04	208.0	1.6	27.8	4.2	35	0.4	0.8	0.3	65	0.25	0.083
1140485	Soil		0.6	29.9	31.6	116	0.3	28.8	11.4	462	2.46	139.8	1.4	29.3	4.0	59	0.8	0.6	0.2	38	1.70	0.064
1140486	Soil		0.7	23.4	34.9	119	0.3	21.3	8.8	407	2.33	151.8	0.6	21.4	4.8	39	0.6	0.6	0.1	35	1.08	0.067
1140494	Soil		1.8	25.3	54.6	106	0.6	24.3	11.3	368	2.49	173.2	2.2	40.5	5.9	47	0.3	0.7	0.3	46	0.61	0.082
1140496	Soil		0.9	28.7	11.2	45	0.4	17.1	4.7	187	1.14	55.1	2.1	19.0	0.4	72	0.9	0.5	<0.1	10	1.00	0.131
1140493	Soil		2.5	49.7	22.3	98	0.2	19.0	5.6	387	2.73	184.7	1.1	11.3	3.0	20	0.3	0.6	0.3	59	0.11	0.056
1140487	Soil		1.2	31.5	59.7	180	0.6	32.5	10.3	377	2.62	203.7	1.2	37.3	3.8	45	1.1	0.7	0.2	46	1.05	0.064
1140490	Soil		1.5	36.2	238.1	488	1.2	30.5	13.5	748	3.03	489.5	1.5	63.7	3.9	59	2.8	0.8	0.3	49	0.70	0.046
1140492	Soil		1.8	41.1	41.3	110	0.7	29.9	16.9	986	3.13	836.9	1.3	88.7	4.3	27	0.6	0.8	0.2	45	0.28	0.062
1140488	Soil		0.9	43.3	171.0	412	1.5	26.3	11.4	474	2.49	247.8	1.3	57.2	2.2	67	3.2	0.9	0.2	45	1.43	0.063
1140489	Soil		1.9	49.5	629.2	1164	2.7	31.8	14.2	684	3.38	522.7	1.6	86.5	4.4	55	10.8	1.6	0.5	46	0.81	0.059
1140405	Soil		2.5	44.6	34.2	151	0.6	46.7	12.0	486	3.19	95.7	1.8	5.5	6.3	40	0.8	0.9	0.2	77	0.44	0.089
1140406	Soil		2.0	30.9	25.2	85	0.7	26.8	8.1	267	2.63	35.8	0.9	3.7	3.7	24	0.6	0.5	0.2	71	0.20	0.038
1140500	Soil		1.9	51.0	17.0	94	0.7	59.7	15.3	678	3.53	68.7	1.5	5.8	4.7	41	0.3	0.9	0.2	79	0.50	0.057
1140498	Soil		1.3	54.6	17.8	90	0.6	52.0	13.3	438	2.85	60.6	2.9	9.3	4.3	45	0.5	0.9	0.2	64	0.54	0.084
1140408	Soil		1.9	36.3	57.6	108	0.3	43.8	13.2	433	3.19	60.2	0.8	4.2	4.5	25	0.7	0.6	0.2	74	0.26	0.098

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1213592	Soil	24	33	0.48	147	0.048	1	1.61	0.009	0.11	0.1	0.04	2.6	0.1	<0.05	5	<0.5	<0.2
1213593	Soil	9	21	0.15	61	0.055	<1	1.05	0.007	0.03	0.2	0.02	1.2	<0.1	<0.05	6	<0.5	<0.2
1213594	Soil	22	36	0.54	222	0.042	1	1.53	0.009	0.09	0.1	0.03	2.4	<0.1	<0.05	5	0.5	<0.2
1213597	Soil	28	50	0.81	296	0.052	1	1.95	0.009	0.11	0.1	0.04	3.1	0.2	<0.05	6	0.9	<0.2
1213595	Soil	22	36	0.62	247	0.037	1	1.71	0.008	0.08	0.1	0.03	2.6	0.1	<0.05	6	<0.5	<0.2
1140480	Soil	17	29	0.53	229	0.052	<1	1.72	0.013	0.04	0.1	0.03	3.3	<0.1	<0.05	6	<0.5	<0.2
1140477	Soil	20	28	0.53	249	0.059	1	1.85	0.011	0.07	0.2	0.04	3.9	<0.1	<0.05	6	<0.5	<0.2
1140483	Soil	18	21	0.56	276	0.023	2	1.30	0.012	0.10	0.1	0.04	2.9	<0.1	0.08	4	0.6	<0.2
1140479	Soil	17	27	0.50	230	0.049	1	1.69	0.012	0.04	0.2	0.04	3.1	<0.1	<0.05	5	<0.5	<0.2
1140482	Soil	22	27	0.72	444	0.024	2	1.76	0.010	0.11	0.1	0.03	4.0	<0.1	<0.05	6	0.6	<0.2
1140478	Soil	22	18	0.34	106	0.036	2	1.32	0.009	0.07	0.2	<0.01	2.1	<0.1	<0.05	7	<0.5	<0.2
1140481	Soil	17	28	0.48	303	0.051	2	1.88	0.013	0.06	0.2	0.05	3.8	<0.1	<0.05	6	0.5	<0.2
1140484	Soil	20	25	0.56	221	0.032	4	1.40	0.011	0.07	0.4	0.03	3.3	<0.1	<0.05	4	0.8	<0.2
1140491	Soil	17	31	0.49	276	0.034	3	1.58	0.011	0.06	0.1	0.06	3.5	0.1	0.06	4	1.2	<0.2
1140495	Soil	19	53	0.78	254	0.063	2	1.53	0.011	0.15	0.1	0.02	2.6	0.2	0.06	5	1.4	<0.2
1140485	Soil	18	28	0.59	281	0.033	3	1.43	0.012	0.06	0.1	0.03	3.4	<0.1	0.06	4	0.7	<0.2
1140486	Soil	21	23	0.57	484	0.024	3	1.37	0.013	0.11	0.2	0.02	4.0	<0.1	<0.05	4	<0.5	<0.2
1140494	Soil	21	41	0.71	168	0.040	3	1.58	0.010	0.09	0.1	0.05	2.9	0.1	0.05	5	1.0	<0.2
1140496	Soil	16	12	0.14	436	0.013	4	0.50	0.013	0.03	<0.1	0.10	1.7	<0.1	0.30	<1	1.6	<0.2
1140493	Soil	16	34	0.65	155	0.067	2	1.36	0.012	0.22	<0.1	0.04	2.0	0.1	0.09	6	1.4	<0.2
1140487	Soil	19	32	0.80	310	0.050	3	1.68	0.016	0.07	0.2	0.04	4.3	<0.1	<0.05	5	0.9	<0.2
1140490	Soil	20	33	0.66	213	0.045	3	1.87	0.011	0.07	0.4	0.06	4.2	0.1	<0.05	5	0.6	<0.2
1140492	Soil	21	34	0.57	163	0.039	2	1.65	0.009	0.09	0.1	0.03	3.1	0.1	<0.05	5	<0.5	<0.2
1140488	Soil	17	32	0.54	267	0.035	2	1.74	0.013	0.07	0.1	0.06	4.1	0.1	0.06	5	0.7	<0.2
1140489	Soil	19	32	0.72	219	0.046	3	1.71	0.011	0.10	0.1	0.05	3.9	0.1	<0.05	5	1.1	<0.2
1140405	Soil	22	63	0.83	3735	0.071	2	1.93	0.013	0.09	0.2	0.03	4.9	<0.1	<0.05	6	0.8	<0.2
1140406	Soil	14	40	0.54	768	0.068	1	1.83	0.011	0.09	0.2	0.03	3.3	<0.1	<0.05	7	0.5	<0.2
1140500	Soil	21	74	1.13	492	0.090	2	2.18	0.013	0.24	0.1	0.04	5.3	0.2	<0.05	7	0.6	<0.2
1140498	Soil	26	88	0.78	1011	0.071	2	1.74	0.016	0.11	0.2	0.04	5.6	0.1	<0.05	5	1.1	<0.2
1140408	Soil	14	110	0.93	298	0.081	1	1.94	0.009	0.19	0.2	0.02	3.3	0.1	<0.05	7	0.6	<0.2

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

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

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1140497	Soil	1.0	33.8	12.6	81	0.1	29.0	11.3	432	2.81	28.7	0.9	3.7	3.6	40	0.4	0.8	0.1	60	0.68	0.080
1140401	Soil	1.2	25.0	18.8	52	0.4	29.1	11.3	449	2.66	46.9	0.6	2.9	3.0	17	0.2	0.7	0.2	66	0.17	0.028
1140499	Soil	1.8	54.0	17.9	98	0.6	64.8	14.9	616	3.65	71.3	1.5	4.3	5.1	38	0.2	0.9	0.2	81	0.47	0.054
1140403	Soil	1.4	27.8	23.3	80	0.3	31.7	10.1	495	2.70	48.2	0.8	2.6	3.8	27	0.6	0.7	0.2	60	0.28	0.060
1140407	Soil	1.5	25.5	27.3	86	0.7	25.9	10.5	305	2.73	57.3	0.8	8.3	4.2	21	0.6	0.5	0.2	66	0.20	0.043
1140402	Soil	1.8	44.3	28.9	86	0.1	35.2	9.5	366	3.12	101.0	0.9	1.5	4.4	27	0.3	1.2	0.2	67	0.29	0.047
1140404	Soil	1.1	39.1	16.6	89	0.5	34.7	10.1	507	2.73	59.9	1.9	9.7	5.1	58	0.8	0.6	0.2	54	0.85	0.075
1063407	Soil	1.2	40.9	15.0	80	<0.1	34.5	14.5	706	3.66	192.6	1.6	19.2	9.7	21	0.2	0.8	0.2	47	0.25	0.044
1063403	Soil	0.9	15.3	10.4	37	0.3	11.6	6.2	560	1.54	62.2	0.6	7.6	0.5	24	0.4	0.5	0.2	37	0.28	0.069
1063420	Soil	3.3	51.5	28.9	73	0.4	20.0	8.8	415	3.04	210.4	3.2	11.9	3.1	29	0.4	1.0	0.4	55	0.16	0.081
1063402	Soil	0.9	29.8	13.4	94	0.2	30.5	9.1	371	2.57	207.4	1.3	24.4	5.3	21	0.3	1.0	0.2	40	0.34	0.065
1063409	Soil	1.2	39.9	12.7	79	<0.1	32.3	13.2	681	3.31	77.2	1.1	12.3	5.5	37	0.2	0.9	0.2	63	0.44	0.052
1063405	Soil	1.4	55.7	21.6	107	0.1	56.3	19.8	838	4.45	282.3	1.9	111.7	13.5	30	0.3	1.3	0.2	61	0.64	0.158
1063408	Soil	1.4	43.8	18.0	78	<0.1	33.8	15.7	821	3.64	182.1	1.5	26.4	8.9	23	0.1	0.9	0.2	52	0.25	0.040
1063404	Soil	2.1	57.7	11.3	156	0.1	115.4	39.5	1514	6.54	128.0	0.9	6.8	3.8	28	0.4	1.2	0.2	108	0.89	0.369
1063406	Soil	1.5	50.3	18.6	101	0.1	48.5	17.7	754	4.08	235.6	1.7	50.5	11.3	29	0.2	1.2	0.2	61	0.56	0.136
1063401	Soil	0.6	34.8	30.7	133	0.1	32.2	6.0	330	2.58	149.1	1.3	69.2	8.0	21	0.5	1.3	1.5	29	0.54	0.099
1063410	Soil	1.3	37.7	12.8	69	<0.1	29.7	14.3	787	3.35	101.8	1.7	9.8	6.2	31	<0.1	0.8	0.2	61	0.29	0.035
1063415	Soil	1.3	38.9	14.4	74	0.1	30.0	12.8	672	3.56	121.5	1.2	15.6	8.2	26	0.1	0.8	0.2	46	0.23	0.052
1063414	Soil	1.8	34.0	14.4	70	<0.1	28.4	13.7	712	3.34	124.0	1.2	6.9	6.2	16	0.2	1.0	0.2	46	0.14	0.028
1063417	Soil	2.0	36.6	16.8	74	<0.1	27.6	14.6	794	3.44	121.8	1.2	4.2	7.5	14	0.2	1.2	0.2	40	0.15	0.048
1063419	Soil	1.9	23.3	24.4	80	<0.1	30.3	16.9	850	3.86	70.8	1.2	2.4	11.2	12	0.2	0.7	0.4	48	0.11	0.046
1063422	Soil	2.0	41.6	14.5	75	0.4	32.5	12.5	351	3.22	454.0	1.0	23.5	4.7	23	0.3	1.2	0.2	56	0.13	0.023
1063421	Soil	1.9	19.8	22.9	76	0.2	18.3	8.8	351	3.32	207.6	0.6	7.9	2.8	12	0.3	1.0	0.2	63	0.10	0.035
1063412	Soil	1.5	41.3	14.2	66	0.2	38.7	15.9	744	3.55	168.6	1.4	16.1	7.2	21	0.1	1.3	0.3	63	0.19	0.039
1063418	Soil	2.6	51.5	45.7	97	<0.1	38.4	19.4	1178	4.39	203.4	1.4	3.1	6.8	14	0.2	1.3	0.6	41	0.16	0.077
1063416	Soil	1.5	29.2	16.7	61	<0.1	24.3	11.5	527	3.15	56.3	1.0	7.7	2.4	15	0.3	0.7	0.2	52	0.15	0.060
1063411	Soil	1.5	34.5	12.2	65	<0.1	28.2	14.1	824	3.24	102.9	1.4	13.4	6.1	19	<0.1	0.9	0.2	50	0.17	0.026
1063413	Soil	1.8	28.8	11.4	59	<0.1	24.0	11.5	696	2.68	110.3	0.9	5.9	4.4	17	0.2	0.7	0.2	44	0.15	0.027
1063423	Soil	2.1	21.2	13.5	50	0.4	15.6	7.2	271	3.69	225.3	0.7	13.4	3.0	13	0.1	0.8	0.3	75	0.12	0.040

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1140497	Soil	14	32	0.69	299	0.086	3	1.48	0.032	0.07	0.2	0.02	4.0	<0.1	<0.05	5	0.5	<0.2
1140401	Soil	11	45	0.59	278	0.070	2	1.70	0.016	0.08	0.2	0.02	3.3	<0.1	<0.05	6	<0.5	<0.2
1140499	Soil	23	80	1.26	442	0.092	2	2.24	0.012	0.27	0.1	0.02	5.5	0.2	<0.05	7	0.6	<0.2
1140403	Soil	15	51	0.63	527	0.053	2	1.62	0.012	0.09	0.1	0.03	3.1	<0.1	<0.05	5	0.5	<0.2
1140407	Soil	15	41	0.64	408	0.051	1	1.86	0.012	0.08	0.1	0.02	3.0	<0.1	<0.05	6	0.6	<0.2
1140402	Soil	14	50	0.75	496	0.069	1	1.80	0.010	0.15	0.2	<0.01	2.9	0.1	<0.05	6	0.6	<0.2
1140404	Soil	20	43	0.65	1073	0.058	2	1.71	0.018	0.08	0.2	0.03	4.5	<0.1	<0.05	5	0.6	<0.2
1063407	Soil	30	40	0.70	281	0.042	1	1.77	0.011	0.08	0.2	0.02	5.4	0.1	<0.05	5	<0.5	<0.2
1063403	Soil	11	20	0.22	330	0.037	2	0.94	0.012	0.08	0.1	0.03	1.6	<0.1	<0.05	5	<0.5	<0.2
1063420	Soil	18	28	0.38	209	0.041	2	1.61	0.008	0.10	0.1	0.03	3.1	0.1	0.06	5	0.8	<0.2
1063402	Soil	20	28	0.44	325	0.031	2	1.25	0.008	0.07	0.9	<0.01	2.9	<0.1	<0.05	4	<0.5	<0.2
1063409	Soil	20	41	0.69	303	0.077	2	1.72	0.022	0.07	0.2	0.03	5.7	<0.1	<0.05	5	<0.5	<0.2
1063405	Soil	40	93	1.08	651	0.048	2	2.06	0.007	0.17	0.2	0.03	6.3	0.2	<0.05	6	<0.5	<0.2
1063408	Soil	31	45	0.71	302	0.050	<1	1.86	0.009	0.08	0.1	0.03	5.9	0.1	<0.05	5	0.6	<0.2
1063404	Soil	15	136	1.21	365	0.057	3	2.76	0.010	0.27	0.2	0.02	7.3	0.2	<0.05	8	0.7	<0.2
1063406	Soil	36	76	0.94	567	0.048	2	1.97	0.008	0.15	0.2	0.02	6.0	0.2	<0.05	6	<0.5	<0.2
1063401	Soil	28	25	0.73	270	0.006	3	1.49	0.004	0.14	6.0	0.01	3.9	0.1	<0.05	4	<0.5	<0.2
1063410	Soil	22	41	0.65	274	0.077	2	2.10	0.019	0.08	0.2	0.04	6.6	<0.1	<0.05	6	<0.5	<0.2
1063415	Soil	34	32	0.61	200	0.042	2	1.87	0.012	0.08	<0.1	0.02	4.2	<0.1	<0.05	5	<0.5	<0.2
1063414	Soil	31	33	0.49	196	0.043	2	1.75	0.010	0.06	0.1	0.03	3.7	0.1	<0.05	5	<0.5	<0.2
1063417	Soil	29	29	0.46	152	0.033	1	1.49	0.008	0.08	0.1	0.02	3.2	<0.1	<0.05	4	<0.5	<0.2
1063419	Soil	26	30	0.54	113	0.055	2	1.95	0.008	0.15	<0.1	0.01	2.9	0.2	<0.05	6	<0.5	<0.2
1063422	Soil	14	35	0.53	223	0.064	2	2.23	0.011	0.06	0.2	0.04	3.6	0.1	<0.05	5	0.5	<0.2
1063421	Soil	10	31	0.45	123	0.062	1	1.92	0.007	0.05	0.1	0.03	2.3	<0.1	<0.05	6	<0.5	<0.2
1063412	Soil	22	54	0.68	250	0.070	2	2.33	0.012	0.07	0.2	0.04	6.3	0.1	<0.05	6	<0.5	<0.2
1063418	Soil	37	46	0.68	154	0.028	2	1.91	0.006	0.13	0.1	0.02	3.7	0.2	<0.05	5	<0.5	<0.2
1063416	Soil	24	36	0.49	165	0.039	1	2.00	0.008	0.07	0.1	0.03	3.0	0.1	<0.05	6	<0.5	<0.2
1063411	Soil	27	42	0.63	223	0.058	2	1.89	0.010	0.06	0.1	0.02	5.3	0.1	<0.05	5	<0.5	<0.2
1063413	Soil	21	31	0.52	185	0.049	3	1.58	0.011	0.05	0.1	0.02	3.4	<0.1	<0.05	4	<0.5	<0.2
1063423	Soil	11	31	0.33	120	0.055	1	1.99	0.007	0.03	0.2	0.03	2.3	0.1	<0.05	7	<0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1063431	Soil	1.6	27.2	30.6	83	0.2	26.5	11.8	426	3.03	636.6	1.4	55.2	7.2	37	0.4	0.9	0.2	50	0.38	0.076
1063432	Soil	2.0	81.2	18.9	137	0.1	62.2	17.1	605	3.80	92.4	1.9	2.6	7.6	50	0.2	0.4	0.2	92	0.51	0.129
1063429	Soil	1.4	23.2	22.1	77	<0.1	23.1	12.0	414	2.94	199.2	0.8	18.5	3.8	16	0.2	0.7	0.2	55	0.17	0.039
1063428	Soil	2.7	43.9	20.5	105	0.1	38.5	14.5	616	3.54	224.6	1.4	10.3	6.6	32	0.3	0.9	0.2	62	0.36	0.083
1063426	Soil	4.2	63.1	41.0	179	0.5	61.0	19.5	644	3.99	345.5	1.4	12.1	4.1	40	1.0	1.4	0.4	73	0.40	0.117
1063424	Soil	3.1	40.1	17.5	98	0.9	32.2	11.5	705	3.48	605.4	1.0	35.7	0.9	18	1.1	1.2	0.3	75	0.15	0.060
1063430	Soil	1.4	31.4	26.7	99	<0.1	34.3	16.8	612	3.98	93.4	1.7	8.5	12.1	30	0.2	0.6	0.2	51	0.42	0.116
1063427	Soil	2.3	42.3	21.6	82	0.5	37.4	12.3	404	3.23	124.4	1.2	7.0	1.6	37	0.4	0.8	0.3	66	0.37	0.079
1063425	Soil	2.1	37.8	18.3	79	0.2	32.4	11.8	329	3.33	195.3	1.0	20.2	3.3	22	0.3	0.8	0.2	73	0.23	0.042
1060588	Soil	1.3	22.8	21.0	79	0.3	28.9	12.2	449	2.84	61.4	2.1	8.9	5.9	32	0.3	0.5	0.2	52	0.35	0.072
1060589	Soil	2.2	50.9	22.8	134	0.3	43.2	14.6	613	3.49	119.2	2.2	3.8	8.7	47	0.4	1.1	0.3	67	0.44	0.103
1060590	Soil	1.5	25.2	23.2	99	0.2	27.1	15.0	607	3.08	134.3	1.2	6.1	7.0	26	0.3	0.8	0.2	53	0.30	0.071
1060587	Soil	1.9	29.5	29.9	100	0.4	34.6	15.6	615	3.40	118.8	2.0	18.2	6.4	41	0.2	0.5	0.2	62	0.41	0.088
1060585	Soil	2.2	32.6	27.2	69	0.8	20.6	10.9	698	2.57	24.7	7.9	8.0	9.3	79	0.3	0.4	0.3	49	0.73	0.085
1060586	Soil	1.7	23.0	25.0	77	0.4	23.2	12.3	482	2.74	79.8	1.5	5.6	3.8	25	0.2	0.4	0.2	55	0.27	0.079
1060583	Soil	1.4	32.7	35.5	78	0.9	27.3	10.0	394	2.76	98.8	2.5	14.1	9.6	50	0.3	0.5	0.4	57	0.48	0.056
1060584	Soil	2.0	41.7	28.2	78	0.8	26.3	11.9	533	3.33	41.0	2.0	12.3	12.0	43	0.2	0.6	0.2	64	0.39	0.066
1060582	Soil	2.3	42.7	36.0	114	0.2	66.2	20.1	762	3.61	187.1	1.5	16.6	11.9	31	0.3	0.9	0.2	73	0.39	0.099
1060566	Soil	0.9	21.9	11.5	58	0.1	19.8	8.5	326	2.66	8.2	1.3	1.6	5.3	25	0.1	0.4	0.2	54	0.29	0.052
1060567	Soil	0.9	14.2	9.9	42	<0.1	9.3	4.2	272	1.62	4.3	0.7	6.9	0.6	15	0.2	0.2	0.2	39	0.14	0.042
1060564	Soil	0.6	22.7	10.1	60	<0.1	20.1	8.2	328	2.44	6.6	1.1	1.9	7.1	24	<0.1	0.5	0.2	47	0.27	0.042
1060562	Soil	0.8	18.7	10.6	58	<0.1	20.7	9.7	448	2.70	7.2	1.1	1.8	6.5	18	0.2	0.4	0.2	51	0.21	0.049
1060560	Soil	1.0	13.7	10.6	43	<0.1	14.0	6.0	234	2.97	7.4	0.5	<0.5	3.7	10	0.1	0.5	0.2	66	0.09	0.021
1060559	Soil	1.0	26.3	10.2	54	<0.1	26.5	9.3	502	2.91	6.8	1.2	1.2	9.1	24	<0.1	0.5	0.3	59	0.22	0.024
1060563	Soil	0.7	23.5	9.4	57	<0.1	19.2	7.4	307	2.29	5.6	1.1	1.1	6.1	22	<0.1	0.5	0.2	51	0.28	0.049
1060565	Soil	0.7	17.7	8.3	52	<0.1	17.2	7.2	264	2.33	5.3	0.9	0.8	2.9	20	<0.1	0.4	0.1	49	0.24	0.050
1060558	Soil	1.2	18.8	10.7	52	<0.1	18.7	9.4	390	2.96	9.3	0.9	2.2	6.7	15	<0.1	0.6	0.2	66	0.12	0.026
1060561	Soil	1.5	12.7	12.8	51	<0.1	13.3	6.0	268	2.98	7.4	0.6	<0.5	3.1	13	<0.1	0.5	0.2	70	0.11	0.026
1060568	Soil	1.4	30.4	12.5	51	0.5	16.7	5.9	256	2.47	5.9	2.3	<0.5	3.4	21	0.4	0.3	0.2	47	0.16	0.140
1060569	Soil	2.1	20.9	45.5	90	<0.1	14.4	8.3	485	2.31	26.5	1.3	9.8	16.0	18	0.5	0.7	0.2	32	0.30	0.072

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

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

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1063431	Soil	26	37	0.62	837	0.049	2	1.80	0.012	0.07	0.2	0.02	4.0	0.1	<0.05	5	<0.5	<0.2
1063432	Soil	32	112	1.94	617	0.158	<1	2.42	0.007	0.80	<0.1	<0.01	4.0	0.5	0.17	8	1.1	<0.2
1063429	Soil	15	35	0.55	392	0.050	<1	1.88	0.009	0.05	0.2	0.02	2.9	0.1	<0.05	6	<0.5	<0.2
1063428	Soil	32	51	0.76	616	0.080	1	1.66	0.010	0.11	0.1	0.02	4.3	0.1	<0.05	6	0.7	<0.2
1063426	Soil	22	91	0.85	663	0.062	1	1.73	0.011	0.10	0.2	0.03	5.3	0.1	<0.05	6	1.1	<0.2
1063424	Soil	15	31	0.30	305	0.058	1	1.31	0.011	0.06	0.1	0.03	3.2	<0.1	<0.05	7	0.6	<0.2
1063430	Soil	51	50	0.94	668	0.125	<1	1.96	0.009	0.36	<0.1	0.01	3.7	0.3	<0.05	6	<0.5	<0.2
1063427	Soil	19	49	0.60	929	0.058	1	1.75	0.011	0.07	0.2	0.03	4.1	<0.1	<0.05	6	<0.5	<0.2
1063425	Soil	15	41	0.59	305	0.056	1	1.79	0.009	0.04	0.1	0.02	4.2	0.1	<0.05	6	<0.5	<0.2
1060588	Soil	34	64	0.69	306	0.058	<1	1.63	0.011	0.08	0.2	0.04	3.7	0.1	<0.05	6	<0.5	<0.2
1060589	Soil	32	73	1.09	336	0.100	<1	1.79	0.012	0.30	0.1	0.03	3.7	0.3	0.08	7	0.9	<0.2
1060590	Soil	25	47	0.76	197	0.073	<1	1.62	0.012	0.11	0.1	0.02	3.0	0.1	<0.05	6	0.6	<0.2
1060587	Soil	36	79	0.88	316	0.077	1	1.84	0.013	0.12	0.1	0.04	4.0	0.2	0.05	7	<0.5	<0.2
1060585	Soil	93	37	0.52	244	0.052	1	1.51	0.011	0.10	0.1	0.05	3.7	0.3	0.07	5	0.7	<0.2
1060586	Soil	26	48	0.65	272	0.051	1	1.47	0.011	0.06	0.1	0.04	2.6	0.1	0.06	6	<0.5	<0.2
1060583	Soil	44	51	0.63	259	0.055	<1	1.72	0.009	0.07	0.2	0.03	4.5	0.1	<0.05	7	<0.5	<0.2
1060584	Soil	25	53	0.89	154	0.089	1	1.86	0.013	0.19	0.1	0.03	3.4	0.2	0.08	7	<0.5	<0.2
1060582	Soil	30	228	1.35	245	0.089	1	2.11	0.008	0.13	0.2	0.01	5.0	0.2	<0.05	8	<0.5	<0.2
1060566	Soil	19	30	0.54	224	0.057	<1	1.88	0.011	0.05	0.1	0.03	3.8	<0.1	<0.05	6	<0.5	<0.2
1060567	Soil	15	18	0.26	130	0.032	<1	1.21	0.009	0.06	<0.1	0.02	1.3	<0.1	<0.05	6	<0.5	<0.2
1060564	Soil	19	29	0.53	243	0.063	<1	1.56	0.011	0.04	0.1	0.02	4.2	<0.1	<0.05	5	<0.5	<0.2
1060562	Soil	21	29	0.52	190	0.062	1	1.83	0.009	0.05	0.1	0.02	3.1	<0.1	<0.05	6	<0.5	<0.2
1060560	Soil	11	28	0.35	113	0.061	<1	1.85	0.008	0.03	0.1	0.02	2.4	0.1	<0.05	7	<0.5	<0.2
1060559	Soil	29	38	0.58	181	0.057	<1	2.06	0.011	0.09	0.1	0.04	5.5	0.2	<0.05	7	<0.5	<0.2
1060563	Soil	21	29	0.53	184	0.065	<1	1.50	0.014	0.06	0.1	0.03	4.0	<0.1	<0.05	5	<0.5	<0.2
1060565	Soil	16	25	0.47	144	0.054	<1	1.54	0.013	0.05	0.1	0.03	2.6	<0.1	<0.05	5	<0.5	<0.2
1060558	Soil	16	35	0.50	157	0.061	<1	2.10	0.017	0.05	0.1	0.03	4.3	0.1	<0.05	6	<0.5	<0.2
1060561	Soil	13	23	0.37	116	0.061	<1	1.85	0.008	0.04	0.1	0.02	2.5	0.1	<0.05	9	<0.5	<0.2
1060568	Soil	27	26	0.28	254	0.028	<1	1.86	0.023	0.10	<0.1	0.02	3.4	0.1	<0.05	7	<0.5	<0.2
1060569	Soil	56	17	0.50	217	0.014	<1	1.27	0.009	0.11	0.2	0.02	2.2	<0.1	<0.05	4	<0.5	<0.2

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1020 Cordova St. East Vancouver BC V6A 4A3 Canada
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www.acmelab.com

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

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1060571	Soil		1.5	43.1	276.0	198	0.6	27.5	12.6	409	3.31	306.8	1.3	186.5	6.8	21	1.2	0.6	0.2	68	0.32	0.084
1060572	Soil		1.6	39.6	78.8	140	0.5	27.8	10.9	303	3.17	242.2	1.5	90.8	8.3	19	0.7	0.5	0.2	58	0.22	0.042
1060579	Soil		1.9	43.0	22.6	99	0.2	40.1	13.1	480	3.34	107.9	1.8	15.2	10.4	36	0.3	0.6	0.2	66	0.37	0.077
1060581	Soil		2.3	45.4	35.1	119	0.2	80.2	23.6	859	4.00	184.0	1.6	20.4	11.6	32	0.3	0.8	0.2	82	0.45	0.125
1060578	Soil		1.6	40.2	66.8	124	0.2	38.1	14.7	642	3.01	185.6	1.6	49.8	13.6	37	0.5	0.8	0.2	48	0.45	0.090
1060580	Soil		1.5	33.2	24.8	92	0.2	35.7	13.2	475	3.18	109.4	1.4	11.3	11.6	30	0.3	0.8	0.2	62	0.39	0.081
1060576	Soil		1.9	38.5	44.7	110	0.3	36.5	12.8	468	3.05	145.1	1.7	79.0	9.9	29	0.5	0.7	0.2	61	0.38	0.086
1060570	Soil		2.2	70.6	94.7	193	0.3	34.6	16.2	664	4.44	179.3	1.9	59.6	11.2	28	0.8	0.7	0.3	72	0.42	0.135
1060577	Soil		1.7	41.9	66.5	128	0.3	37.4	14.1	675	3.15	197.8	1.6	43.5	14.1	38	0.4	0.7	0.2	49	0.49	0.092
1060575	Soil		1.8	39.9	44.9	111	0.3	37.2	13.0	478	3.13	147.1	1.6	110.2	10.0	29	0.4	0.8	0.2	59	0.38	0.086
1060573	Soil		2.2	37.6	39.4	115	0.3	28.1	11.6	478	3.26	128.1	1.4	22.7	5.9	26	0.7	0.5	0.2	59	0.33	0.046
1060574	Soil		2.5	50.3	63.1	143	0.9	29.9	11.9	516	2.95	388.1	2.7	46.8	4.7	73	1.4	0.6	0.2	50	0.88	0.082
1065616	Soil		1.6	26.7	22.1	76	<0.1	22.2	10.2	365	3.56	62.3	1.0	2.3	4.0	12	0.2	0.7	0.2	67	0.13	0.046
1065618	Soil		1.0	14.9	14.0	41	<0.1	14.3	6.6	206	2.74	12.3	0.6	2.4	3.6	13	0.2	0.4	0.2	65	0.13	0.047
1065615	Soil		2.0	18.7	31.7	97	0.3	21.8	7.3	315	2.77	271.0	0.5	16.3	3.1	12	0.4	0.7	0.3	73	0.09	0.028
1065617	Soil		1.0	20.5	22.2	66	<0.1	24.0	12.3	460	3.06	36.9	0.8	3.9	6.7	15	0.2	0.5	0.2	56	0.19	0.063
1065619	Soil		1.5	23.2	19.5	66	<0.1	31.6	15.3	420	3.41	51.1	1.0	2.4	6.5	14	0.1	0.7	0.2	60	0.14	0.034
1060598	Soil		0.5	12.0	48.0	42	<0.1	13.5	3.8	329	0.95	37.3	0.5	4.0	2.4	4	0.2	0.6	0.4	16	0.05	0.020
1060599	Soil		0.7	30.4	16.2	70	<0.1	25.7	12.1	492	3.18	53.4	1.2	11.0	13.4	22	0.1	0.7	0.2	42	0.27	0.049
1060600	Soil		1.8	36.7	11.7	81	0.2	32.9	9.4	319	2.68	225.6	1.2	16.0	4.2	24	0.4	1.3	0.2	48	0.24	0.048
1060596	Soil		0.9	28.0	18.2	68	<0.1	23.4	9.8	333	2.89	88.2	1.2	12.5	5.1	24	0.2	1.2	0.2	50	0.27	0.045
1060597	Soil		0.7	21.7	149.9	63	<0.1	16.9	7.5	824	1.42	102.9	1.3	14.2	2.5	4	0.3	1.1	0.5	17	0.04	0.031
1065601	Soil		1.0	30.0	16.0	76	0.2	33.9	13.4	425	3.59	99.7	0.9	12.7	4.4	20	0.2	0.8	0.3	64	0.24	0.052
1065602	Soil		1.9	45.6	15.8	108	0.2	38.8	11.5	366	3.50	134.0	1.0	12.5	4.5	25	0.4	1.1	0.3	64	0.29	0.056
1060594	Soil		0.8	30.2	15.8	77	0.2	25.7	10.8	417	2.78	64.3	0.8	7.6	3.1	44	0.3	1.0	0.2	57	0.70	0.050
1060595	Soil		0.7	22.7	14.1	74	<0.1	21.5	8.8	300	2.70	80.7	1.0	9.8	3.9	24	0.2	1.2	0.2	52	0.30	0.042
1060593	Soil		0.6	27.2	13.8	64	0.2	26.7	10.4	559	2.34	64.9	0.9	<0.5	1.7	66	0.6	1.2	0.2	46	1.41	0.069
1060592	Soil		0.4	22.5	10.0	45	0.1	18.7	8.3	526	1.91	22.3	1.4	2.2	0.9	86	0.5	0.9	0.2	39	2.07	0.063
1060591	Soil		0.6	27.0	12.5	54	0.2	23.3	9.4	579	2.11	28.9	0.9	3.4	1.0	79	0.5	1.0	0.2	43	2.02	0.059
1065603	Soil		1.4	32.4	12.9	86	0.1	43.3	17.1	442	3.83	85.4	0.8	8.6	4.2	22	0.3	0.7	0.2	73	0.27	0.062

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1060571	Soil	19	49	0.85	188	0.070	<1	2.20	0.009	0.15	0.2	0.03	3.2	0.2	<0.05	6	<0.5	<0.2
1060572	Soil	19	36	0.67	170	0.072	<1	1.96	0.009	0.15	0.1	0.03	2.9	0.2	<0.05	6	0.7	<0.2
1060579	Soil	26	76	0.88	314	0.081	<1	1.86	0.010	0.16	0.2	0.02	3.6	0.2	<0.05	6	<0.5	<0.2
1060581	Soil	32	317	1.69	290	0.077	<1	2.37	0.008	0.16	0.1	<0.01	5.0	0.3	<0.05	8	0.9	<0.2
1060578	Soil	32	50	0.88	186	0.058	<1	1.67	0.009	0.13	0.1	0.02	2.9	0.2	<0.05	6	<0.5	<0.2
1060580	Soil	25	60	0.80	243	0.071	<1	1.80	0.013	0.10	0.2	0.03	3.5	0.1	<0.05	6	<0.5	<0.2
1060576	Soil	26	58	0.83	189	0.065	<1	1.84	0.009	0.11	0.1	0.01	3.0	0.2	<0.05	6	0.9	<0.2
1060570	Soil	29	47	1.23	256	0.106	<1	2.59	0.008	0.33	0.2	0.02	3.8	0.3	<0.05	8	0.8	<0.2
1060577	Soil	33	52	0.87	191	0.060	<1	1.77	0.008	0.13	0.1	0.02	3.0	0.2	<0.05	6	<0.5	<0.2
1060575	Soil	25	60	0.82	187	0.072	<1	1.96	0.011	0.11	0.1	0.02	3.0	0.2	<0.05	6	0.6	<0.2
1060573	Soil	18	38	0.71	143	0.070	<1	1.89	0.011	0.17	0.1	0.02	2.4	0.2	<0.05	6	<0.5	<0.2
1060574	Soil	26	42	0.69	237	0.041	<1	1.67	0.010	0.12	<0.1	0.03	2.8	0.1	0.10	6	1.3	<0.2
1065616	Soil	16	34	0.63	201	0.050	<1	2.04	0.007	0.17	<0.1	0.03	2.3	0.1	<0.05	7	0.6	<0.2
1065618	Soil	13	27	0.36	193	0.057	<1	1.71	0.009	0.05	0.1	0.02	2.3	<0.1	<0.05	7	<0.5	<0.2
1065615	Soil	12	37	0.29	310	0.046	<1	1.55	0.007	0.04	0.1	0.03	2.2	0.1	<0.05	7	<0.5	<0.2
1065617	Soil	18	32	0.63	140	0.056	<1	1.84	0.009	0.08	0.1	0.02	2.6	<0.1	<0.05	5	<0.5	<0.2
1065619	Soil	19	58	0.64	213	0.050	<1	2.45	0.010	0.11	0.1	0.03	3.7	0.2	<0.05	6	<0.5	<0.2
1060598	Soil	12	12	0.13	58	0.005	<1	0.82	0.002	0.05	0.4	0.01	1.3	<0.1	<0.05	2	<0.5	<0.2
1060599	Soil	34	29	0.51	412	0.046	<1	1.54	0.009	0.15	0.1	0.03	5.0	0.1	<0.05	5	<0.5	<0.2
1060600	Soil	17	31	0.53	525	0.038	1	1.48	0.011	0.05	0.1	0.02	3.5	<0.1	<0.05	4	<0.5	<0.2
1060596	Soil	21	31	0.52	300	0.047	2	1.61	0.011	0.06	0.3	0.02	5.5	<0.1	<0.05	4	<0.5	<0.2
1060597	Soil	17	11	0.11	91	0.006	<1	0.81	0.004	0.05	0.6	0.01	1.7	0.1	<0.05	2	0.7	<0.2
1065601	Soil	18	40	0.60	404	0.051	3	2.43	0.012	0.05	0.2	0.03	4.6	0.1	<0.05	6	0.6	<0.2
1065602	Soil	17	42	0.64	501	0.051	1	1.79	0.010	0.07	0.1	0.02	3.9	<0.1	<0.05	5	1.4	<0.2
1060594	Soil	16	31	0.53	267	0.051	2	1.62	0.021	0.05	0.3	0.04	4.8	<0.1	<0.05	5	<0.5	<0.2
1060595	Soil	15	30	0.51	233	0.042	2	1.59	0.013	0.06	0.3	0.03	4.7	<0.1	<0.05	5	<0.5	<0.2
1060593	Soil	16	26	0.46	287	0.042	3	1.38	0.022	0.05	0.3	0.05	3.7	<0.1	<0.05	4	0.6	<0.2
1060592	Soil	11	22	0.40	240	0.040	3	1.25	0.021	0.03	0.2	0.05	2.7	<0.1	0.06	4	1.0	<0.2
1060591	Soil	12	24	0.46	257	0.045	3	1.30	0.023	0.04	0.2	0.05	2.7	<0.1	0.07	3	0.8	<0.2
1065603	Soil	17	57	0.71	319	0.092	2	2.51	0.014	0.14	0.1	0.02	4.3	0.1	<0.05	7	0.6	<0.2

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1020 Cordova St. East Vancouver BC V6A 4A3 Canada
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www.acmelab.com

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

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1065604	Soil	2.2	36.6	21.0	55	0.6	19.0	6.6	302	2.62	191.4	1.6	27.9	1.3	27	0.4	0.8	0.3	44	0.20	0.076
1065612	Soil	1.8	24.8	24.3	43	0.3	13.7	4.9	236	2.22	577.2	0.7	4.8	0.9	12	0.3	1.0	0.3	58	0.06	0.033
1065614	Soil	1.1	30.1	15.9	68	0.2	24.2	8.3	249	2.93	176.1	1.3	23.8	1.4	20	0.5	0.6	0.2	59	0.16	0.062
1065613	Soil	1.1	15.4	12.0	38	0.6	8.7	3.0	122	1.77	351.2	0.4	6.4	0.3	11	0.4	0.5	0.2	50	0.06	0.033
1065611	Soil	2.5	24.3	20.1	60	0.5	16.8	7.0	224	2.73	298.9	0.5	4.6	0.3	12	0.2	0.9	0.3	64	0.10	0.033
1065610	Soil	4.5	41.5	47.3	128	0.4	39.2	11.9	420	3.97	1468	1.2	104.0	2.6	30	0.8	2.7	0.4	57	0.13	0.052
1065608	Soil	2.8	42.4	26.7	71	0.8	26.5	9.1	500	3.26	490.3	2.0	34.1	1.5	29	0.3	1.3	0.4	45	0.21	0.077
1065609	Soil	2.5	28.9	11.5	65	0.5	15.6	5.2	230	1.85	108.7	0.9	2.7	0.2	17	0.2	0.7	0.2	34	0.13	0.056
1065606	Soil	0.9	14.3	11.3	32	0.2	9.4	3.2	131	1.49	41.9	0.5	15.3	0.3	15	<0.1	0.3	0.2	35	0.12	0.041
1065607	Soil	2.8	33.3	18.6	69	0.4	21.5	9.0	565	2.60	290.3	1.2	18.5	1.5	25	0.3	0.8	0.4	37	0.20	0.058
1065605	Soil	0.9	25.8	9.8	43	0.6	10.2	2.7	291	1.13	22.4	0.9	4.4	<0.1	28	0.4	0.2	0.2	22	0.21	0.139
1062260	Soil	1.7	44.8	30.2	91	0.2	34.4	13.9	683	3.21	86.8	1.8	26.0	10.1	29	0.3	0.7	0.3	51	0.36	0.073
1062259	Soil	0.9	32.5	36.8	98	0.1	26.3	9.9	361	2.94	91.6	0.9	11.9	5.7	29	0.2	0.8	0.2	56	0.35	0.039
1062275	Soil	0.6	15.8	15.5	71	<0.1	12.0	9.7	780	2.88	3.9	1.2	1.6	5.8	17	0.1	0.4	0.2	46	0.16	0.028
1062274	Soil	1.0	20.5	13.4	60	<0.1	19.9	9.6	394	3.07	8.7	1.2	3.3	9.1	22	<0.1	0.5	0.2	62	0.16	0.016
1062276	Soil	1.1	36.8	14.0	100	0.1	13.1	14.1	1449	5.54	4.2	1.3	1.4	2.3	24	0.2	0.4	0.1	38	0.57	0.145
1062277	Soil	1.2	16.9	14.4	48	<0.1	27.5	10.4	237	3.58	10.4	0.5	1.3	3.1	15	0.2	0.5	0.3	80	0.13	0.021
1062267	Soil	0.7	29.9	10.4	58	<0.1	15.6	9.8	566	3.01	5.8	1.1	1.6	9.0	23	0.1	0.3	0.2	52	0.24	0.024
1062266	Soil	0.6	19.7	9.9	53	<0.1	18.8	9.8	361	2.82	8.4	0.8	3.1	5.8	25	<0.1	0.4	0.1	57	0.31	0.036
1062265	Soil	1.2	31.5	11.9	56	0.1	14.4	8.8	381	2.86	17.9	1.1	275.2	7.6	19	0.2	0.5	0.2	51	0.22	0.035
1062263	Soil	1.1	38.3	23.7	74	0.2	28.6	11.4	487	3.19	63.0	1.2	41.3	7.2	29	0.2	0.7	0.2	60	0.30	0.042
1062262	Soil	1.4	36.6	23.8	78	0.1	26.8	10.2	419	2.99	92.1	1.4	29.9	7.3	30	0.1	0.7	0.2	55	0.31	0.040
1062261	Soil	1.5	38.7	39.4	99	0.4	30.9	14.7	663	3.36	172.2	1.1	841.1	5.2	21	0.4	0.9	0.2	59	0.19	0.053
1062264	Soil	0.9	30.9	22.0	72	<0.1	31.1	13.7	530	3.32	38.2	1.1	13.1	7.4	29	0.2	0.6	0.2	63	0.33	0.051
1106982	Soil	0.5	33.1	26.8	80	0.3	16.9	6.2	419	1.58	24.1	2.1	6.8	0.9	78	0.8	0.6	0.2	33	2.59	0.059
1062257	Soil	1.7	24.3	21.7	60	0.2	19.3	10.4	397	2.98	62.4	0.8	8.1	4.6	18	0.2	0.5	0.2	61	0.19	0.034
1062258	Soil	0.9	35.4	23.0	75	<0.1	26.9	10.7	381	3.04	55.1	1.2	10.4	5.4	25	<0.1	0.5	0.2	61	0.28	0.036
1062255	Soil	1.4	21.4	16.0	54	0.1	20.4	7.9	268	2.96	44.0	0.5	27.0	3.3	27	0.2	0.5	0.3	69	0.44	0.019
1062256	Soil	0.8	33.7	14.1	63	<0.1	26.5	12.2	461	3.19	26.9	1.1	57.4	5.0	29	<0.1	0.5	0.3	66	0.39	0.028
1062254	Soil	1.4	27.4	13.5	51	0.1	22.1	8.6	280	2.80	105.7	0.7	15.4	4.0	22	0.2	0.5	0.2	58	0.30	0.022

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

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Vancouver BC V6C 1H2 Canada

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1065604	Soil	17	29	0.39	167	0.039	2	1.58	0.015	0.07	<0.1	0.06	2.5	0.1	<0.05	6	0.7	<0.2
1065612	Soil	13	15	0.15	99	0.051	2	0.70	0.010	0.05	0.1	0.03	1.2	<0.1	<0.05	6	0.6	<0.2
1065614	Soil	15	31	0.41	551	0.045	1	1.86	0.010	0.04	0.1	0.04	3.4	<0.1	<0.05	6	0.7	<0.2
1065613	Soil	7	15	0.18	95	0.052	2	0.74	0.010	0.04	<0.1	0.04	1.1	<0.1	<0.05	6	<0.5	<0.2
1065611	Soil	8	27	0.35	101	0.031	3	1.13	0.010	0.05	0.1	0.04	1.9	<0.1	<0.05	5	0.6	<0.2
1065610	Soil	16	31	0.48	225	0.044	2	1.63	0.010	0.07	0.2	0.04	2.8	<0.1	<0.05	5	1.3	<0.2
1065608	Soil	26	27	0.39	248	0.032	2	1.68	0.011	0.08	0.1	0.07	3.0	0.1	<0.05	5	0.7	<0.2
1065609	Soil	13	15	0.17	301	0.020	2	0.62	0.010	0.09	<0.1	0.04	0.6	<0.1	<0.05	4	0.6	<0.2
1065606	Soil	11	17	0.24	80	0.034	3	0.83	0.011	0.04	<0.1	0.04	1.0	<0.1	<0.05	4	<0.5	<0.2
1065607	Soil	21	24	0.42	124	0.031	3	1.05	0.011	0.09	<0.1	0.03	1.9	<0.1	<0.05	4	0.9	<0.2
1065605	Soil	9	14	0.08	181	0.022	1	0.80	0.021	0.04	<0.1	0.03	1.1	<0.1	<0.05	2	<0.5	<0.2
1062260	Soil	30	39	0.69	236	0.063	1	1.71	0.015	0.09	<0.1	0.02	4.0	<0.1	<0.05	5	0.7	<0.2
1062259	Soil	20	36	0.70	251	0.074	3	1.81	0.016	0.06	0.1	0.02	4.1	<0.1	<0.05	5	0.7	<0.2
1062275	Soil	22	19	0.61	349	0.034	3	2.01	0.010	0.12	<0.1	0.02	4.3	0.1	<0.05	7	0.6	<0.2
1062274	Soil	21	37	0.56	222	0.069	2	2.09	0.015	0.05	<0.1	0.02	4.7	0.1	<0.05	7	0.5	<0.2
1062276	Soil	5	9	0.27	546	0.003	3	1.24	0.009	0.14	<0.1	0.02	14.8	<0.1	<0.05	3	<0.5	<0.2
1062277	Soil	11	41	0.57	325	0.061	<1	2.54	0.011	0.04	0.1	0.02	3.2	0.1	<0.05	8	<0.5	<0.2
1062267	Soil	25	27	0.65	313	0.054	3	1.79	0.013	0.08	0.2	0.02	3.9	<0.1	<0.05	6	<0.5	<0.2
1062266	Soil	18	32	0.64	326	0.070	2	1.89	0.017	0.06	0.1	0.02	3.7	<0.1	<0.05	6	<0.5	<0.2
1062265	Soil	21	25	0.57	228	0.039	2	1.79	0.013	0.06	0.1	0.02	2.9	<0.1	<0.05	6	0.5	<0.2
1062263	Soil	22	40	0.69	289	0.069	2	1.99	0.015	0.06	<0.1	0.03	4.8	<0.1	<0.05	6	0.5	<0.2
1062262	Soil	25	40	0.67	260	0.064	2	1.79	0.018	0.06	<0.1	0.03	4.7	<0.1	<0.05	5	0.7	<0.2
1062261	Soil	18	45	0.73	218	0.067	2	2.11	0.012	0.07	<0.1	0.02	3.5	<0.1	<0.05	6	0.8	<0.2
1062264	Soil	24	56	0.80	318	0.061	2	2.18	0.014	0.06	0.1	0.02	4.8	<0.1	<0.05	6	0.7	<0.2
1106982	Soil	12	21	0.41	283	0.029	5	1.16	0.014	0.04	0.1	0.08	2.7	<0.1	0.11	3	1.0	<0.2
1062257	Soil	13	31	0.61	148	0.070	<1	1.85	0.012	0.07	0.1	0.01	2.8	0.1	<0.05	6	<0.5	<0.2
1062258	Soil	19	42	0.75	260	0.070	2	1.97	0.013	0.05	0.1	0.02	5.7	<0.1	<0.05	5	<0.5	<0.2
1062255	Soil	11	33	0.58	170	0.063	1	1.78	0.011	0.05	0.1	0.02	3.5	<0.1	<0.05	6	<0.5	<0.2
1062256	Soil	18	42	0.72	280	0.075	2	1.96	0.014	0.06	0.1	0.02	6.4	<0.1	<0.05	5	<0.5	<0.2
1062254	Soil	14	28	0.47	157	0.050	1	1.56	0.008	0.05	0.1	0.02	3.3	<0.1	<0.05	6	0.6	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1062253	Soil	0.8	25.7	31.5	72	0.2	17.9	9.0	475	2.06	110.2	1.3	4.6	1.2	61	1.0	0.6	0.2	39	1.69	0.052
1062252	Soil	0.6	24.4	26.8	76	0.1	20.9	9.3	453	2.18	75.5	1.3	5.4	1.6	49	0.5	0.5	0.2	39	1.51	0.048
1106985	Soil	0.6	27.3	49.1	136	0.2	19.2	9.9	439	2.34	39.9	0.8	10.1	2.1	47	1.2	0.5	0.2	47	1.27	0.047
1062251	Soil	0.7	32.1	17.6	75	0.1	27.8	12.3	534	2.59	97.5	1.0	5.4	4.0	42	0.6	0.5	0.2	39	1.15	0.051
1106983	Soil	0.8	36.7	48.2	118	0.3	25.3	11.6	504	2.46	174.6	1.3	23.9	1.9	52	1.4	0.5	0.2	42	1.48	0.064
1106984	Soil	1.0	38.7	30.2	93	0.3	30.0	14.5	705	3.35	248.5	1.3	23.0	8.9	33	0.5	0.8	0.2	39	0.79	0.044
1062269	Soil	0.7	20.4	11.6	53	<0.1	16.9	8.8	362	2.76	5.9	0.9	1.5	6.8	24	<0.1	0.5	0.2	57	0.30	0.024
1062268	Soil	0.7	27.7	9.2	53	<0.1	19.8	9.5	362	2.77	7.2	0.8	1.7	6.1	26	<0.1	0.5	0.1	57	0.34	0.038
1062270	Soil	0.7	16.1	14.9	63	<0.1	13.8	8.3	423	2.81	4.9	1.6	1.5	13.2	25	<0.1	0.4	0.2	46	0.26	0.025
1062271	Soil	0.7	20.9	12.2	60	<0.1	18.6	9.1	415	2.84	6.6	1.4	3.1	8.8	27	<0.1	0.5	0.2	53	0.28	0.027
1062272	Soil	0.8	15.6	12.9	63	<0.1	15.1	8.4	352	2.87	6.5	0.8	1.5	6.6	18	0.1	0.4	0.2	54	0.17	0.023
1062273	Soil	0.7	20.2	12.8	64	<0.1	17.6	9.2	352	2.86	6.3	1.2	0.7	9.2	18	<0.1	0.4	0.2	54	0.16	0.013
1213943	Soil	1.7	24.5	29.0	96	0.3	24.2	17.8	861	2.99	114.1	1.3	9.6	6.1	26	0.3	0.5	0.2	56	0.30	0.077
1213944	Soil	1.0	24.8	19.8	86	0.3	33.3	15.4	471	2.99	71.6	1.2	8.8	7.1	33	0.2	0.4	0.2	61	0.44	0.096
1213942	Soil	2.3	32.0	59.6	132	0.3	27.7	13.1	521	3.20	316.3	1.4	40.9	7.4	26	0.7	0.7	0.2	52	0.29	0.089
1213940	Soil	1.5	26.1	32.4	97	0.4	21.9	8.8	314	2.48	139.0	1.5	23.9	4.8	31	0.5	0.6	0.2	43	0.33	0.080
1213800	Soil	2.0	30.0	20.0	86	0.2	27.3	11.9	295	3.62	196.9	1.3	9.8	5.1	17	0.2	0.8	0.3	55	0.18	0.074
1213941	Soil	1.5	29.9	39.7	118	0.4	26.6	12.7	364	3.05	153.4	1.6	24.9	7.1	26	0.5	0.8	0.2	54	0.31	0.077
1213939	Soil	1.7	34.3	74.7	126	0.8	28.3	11.9	452	2.77	350.1	1.5	237.5	4.7	28	0.7	1.1	0.2	53	0.29	0.077
1213936	Soil	1.2	18.5	17.5	63	0.3	19.0	6.7	195	2.46	142.3	0.9	18.0	3.0	21	0.2	0.5	0.2	39	0.20	0.059

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CERTIFICATE OF ANALYSIS WHI11001815.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1062253	Soil	13	22	0.37	188	0.034	2	1.29	0.014	0.04	0.1	0.05	2.4	<0.1	<0.05	4	<0.5	<0.2
1062252	Soil	12	24	0.46	199	0.035	2	1.33	0.016	0.04	0.1	0.04	3.0	<0.1	<0.05	4	<0.5	<0.2
1106985	Soil	12	25	0.53	211	0.042	1	1.41	0.013	0.04	0.2	0.04	3.7	<0.1	<0.05	4	<0.5	<0.2
1062251	Soil	20	26	0.58	192	0.043	2	1.40	0.013	0.07	0.1	0.03	3.1	<0.1	<0.05	4	<0.5	<0.2
1106983	Soil	13	26	0.54	235	0.033	2	1.44	0.012	0.05	0.2	0.04	3.6	<0.1	<0.05	4	0.6	<0.2
1106984	Soil	30	26	0.64	225	0.029	2	1.57	0.011	0.08	0.2	0.02	3.9	<0.1	<0.05	4	<0.5	<0.2
1062269	Soil	20	30	0.56	389	0.032	2	1.72	0.010	0.08	0.1	0.02	4.8	<0.1	<0.05	6	<0.5	<0.2
1062268	Soil	19	30	0.64	331	0.054	2	1.57	0.013	0.06	0.2	0.02	4.3	<0.1	<0.05	5	<0.5	<0.2
1062270	Soil	37	24	0.48	527	0.037	2	1.46	0.014	0.10	<0.1	0.01	5.0	0.1	<0.05	5	<0.5	<0.2
1062271	Soil	28	30	0.58	397	0.057	2	1.67	0.011	0.07	0.1	0.02	5.5	<0.1	<0.05	5	<0.5	<0.2
1062272	Soil	20	26	0.57	184	0.038	1	1.83	0.010	0.07	0.1	0.02	3.2	<0.1	<0.05	6	<0.5	<0.2
1062273	Soil	27	30	0.61	184	0.050	1	1.82	0.014	0.07	0.1	0.02	4.7	0.1	<0.05	6	<0.5	<0.2
1213943	Soil	26	42	0.69	343	0.061	1	1.69	0.012	0.09	0.1	0.03	3.1	0.1	<0.05	6	<0.5	<0.2
1213944	Soil	28	78	0.99	410	0.096	1	1.96	0.014	0.17	0.1	0.03	3.8	0.2	<0.05	7	<0.5	<0.2
1213942	Soil	27	42	0.70	515	0.056	<1	1.67	0.009	0.14	0.2	0.02	3.7	0.2	<0.05	5	0.7	<0.2
1213940	Soil	24	31	0.57	331	0.050	2	1.50	0.011	0.08	0.1	0.05	3.3	0.1	<0.05	5	0.6	<0.2
1213800	Soil	24	34	0.60	175	0.029	1	1.86	0.009	0.06	0.2	0.03	3.6	0.1	<0.05	5	<0.5	<0.2
1213941	Soil	25	41	0.71	377	0.065	2	1.76	0.012	0.08	0.2	0.04	3.9	0.1	<0.05	5	0.5	<0.2
1213939	Soil	20	35	0.55	325	0.042	1	1.58	0.010	0.07	0.2	0.05	4.4	0.1	<0.05	5	0.8	<0.2
1213936	Soil	19	26	0.46	136	0.028	2	1.38	0.010	0.05	0.2	0.04	2.6	0.1	<0.05	5	0.5	<0.2

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

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

Project: FLU
Report Date: November 23, 2011

QUALITY CONTROL REPORT WHI11001815.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1140263	Soil	1.8	35.0	13.7	91	0.4	36.7	14.4	592	3.06	134.0	1.5	13.5	5.9	24	0.2	0.8	0.2	50	0.33	0.068
REP 1140263	QC	1.9	35.9	14.1	90	0.4	36.9	14.6	600	3.10	135.4	1.6	14.1	5.8	24	0.2	0.8	0.2	50	0.32	0.069
1140271	Soil	2.5	38.1	57.2	148	0.8	32.0	13.2	553	3.27	807.9	2.1	117.6	5.0	40	0.6	1.1	0.2	53	0.45	0.090
REP 1140271	QC	2.5	39.1	57.2	149	0.8	32.8	13.4	570	3.34	822.3	2.1	137.5	5.2	40	0.7	1.2	0.2	55	0.46	0.092
1137872	Soil	2.7	40.7	31.8	117	0.6	44.0	17.7	718	3.47	678.1	1.2	41.4	3.6	23	0.6	1.4	0.3	65	0.20	0.065
REP 1137872	QC	2.7	40.2	33.0	124	0.5	43.5	17.7	739	3.42	694.2	1.2	39.0	3.5	24	0.6	1.3	0.3	65	0.21	0.066
1137854	Soil	0.7	24.0	14.6	64	0.2	24.5	10.4	562	2.53	36.6	0.6	2.2	1.8	40	0.3	0.8	0.2	58	0.88	0.034
REP 1137854	QC	0.8	25.5	14.5	67	0.2	26.0	11.1	585	2.60	38.3	0.6	1.4	2.0	42	0.3	0.8	0.2	61	0.91	0.037
1111790	Soil	0.7	27.4	16.1	57	0.2	24.6	10.1	240	2.67	18.8	0.8	7.6	4.7	14	<0.1	0.5	0.2	55	0.15	0.021
REP 1111790	QC	0.8	27.8	16.8	57	0.2	24.4	10.5	250	2.79	19.1	0.8	12.2	4.9	15	<0.1	0.5	0.2	55	0.15	0.021
1213667	Soil	8.0	41.7	35.9	133	0.7	49.6	18.7	707	3.34	172.9	2.1	16.7	7.1	31	0.3	0.9	0.5	58	0.30	0.085
REP 1213667	QC	8.1	41.2	34.7	136	0.7	49.6	18.6	718	3.32	170.8	2.1	13.5	6.8	31	0.3	0.9	0.5	59	0.30	0.083
1213680	Soil	1.4	19.6	15.8	55	0.2	20.1	7.8	208	2.50	33.5	1.3	4.7	6.2	20	0.2	0.4	0.2	54	0.18	0.038
REP 1213680	QC	1.2	19.6	15.2	52	0.1	20.0	7.5	198	2.35	32.7	1.2	3.8	6.2	19	0.2	0.4	0.2	52	0.18	0.038
1213580	Soil	1.0	19.9	10.3	61	0.1	14.6	7.7	297	2.24	5.9	1.4	1.9	5.4	34	0.2	0.6	0.2	40	0.73	0.049
REP 1213580	QC	1.1	19.2	10.2	58	0.1	14.0	7.5	297	2.19	5.9	1.4	4.6	5.6	34	0.2	0.5	0.2	39	0.73	0.049
1140483	Soil	0.7	23.9	15.3	70	0.2	18.8	8.9	449	2.14	70.4	1.3	9.3	3.2	53	0.3	0.4	0.2	33	1.66	0.060
REP 1140483	QC	0.6	24.1	14.6	69	0.2	18.4	8.6	438	2.07	70.4	1.3	7.5	3.1	54	0.3	0.5	0.2	33	1.64	0.058
1140486	Soil	0.7	23.4	34.9	119	0.3	21.3	8.8	407	2.33	151.8	0.6	21.4	4.8	39	0.6	0.6	0.1	35	1.08	0.067
REP 1140486	QC	0.6	22.9	33.4	115	0.3	21.1	8.7	397	2.26	148.6	0.6	37.6	4.8	38	0.7	0.6	0.1	34	1.07	0.067
1140403	Soil	1.4	27.8	23.3	80	0.3	31.7	10.1	495	2.70	48.2	0.8	2.6	3.8	27	0.6	0.7	0.2	60	0.28	0.060
REP 1140403	QC	1.4	27.0	23.8	78	0.3	30.6	9.7	476	2.57	47.9	0.7	2.9	3.6	26	0.5	0.7	0.2	57	0.27	0.060
1063428	Soil	2.7	43.9	20.5	105	0.1	38.5	14.5	616	3.54	224.6	1.4	10.3	6.6	32	0.3	0.9	0.2	62	0.36	0.083
REP 1063428	QC	2.6	43.7	21.2	106	0.1	38.8	15.1	623	3.67	224.0	1.4	11.0	7.2	31	0.4	0.9	0.2	63	0.36	0.085
1060566	Soil	0.9	21.9	11.5	58	0.1	19.8	8.5	326	2.66	8.2	1.3	1.6	5.3	25	0.1	0.4	0.2	54	0.29	0.052
REP 1060566	QC	0.9	21.5	11.7	56	0.1	19.5	8.6	314	2.66	7.6	1.2	2.3	5.1	24	0.1	0.4	0.2	52	0.29	0.049
1060581	Soil	2.3	45.4	35.1	119	0.2	80.2	23.6	859	4.00	184.0	1.6	20.4	11.6	32	0.3	0.8	0.2	82	0.45	0.125
REP 1060581	QC	2.4	45.5	34.9	121	0.2	79.6	23.0	887	3.91	181.9	1.5	28.4	11.2	33	0.3	0.9	0.2	82	0.44	0.120

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Phone (604) 253-3158 Fax (604) 253-1716
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Vancouver BC V6C 1H2 Canada

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1140263	Soil	25	41	0.57	251	0.046	2	1.73	0.010	0.07	0.2	0.04	4.6	0.1	<0.05	5	0.6	<0.2
REP 1140263	QC	24	42	0.59	249	0.045	2	1.72	0.011	0.08	0.2	0.04	4.8	0.1	<0.05	5	0.5	<0.2
1140271	Soil	29	55	0.69	367	0.050	1	1.70	0.010	0.09	0.3	0.06	5.1	0.2	<0.05	5	0.6	<0.2
REP 1140271	QC	30	57	0.70	388	0.051	2	1.76	0.010	0.09	0.2	0.06	5.3	0.2	<0.05	5	<0.5	<0.2
1137872	Soil	14	56	0.65	211	0.055	2	1.61	0.008	0.09	0.2	0.03	3.3	0.1	<0.05	5	0.8	<0.2
REP 1137872	QC	14	55	0.64	211	0.057	1	1.62	0.008	0.10	0.2	0.03	3.4	0.1	<0.05	5	0.8	<0.2
1137854	Soil	12	30	0.55	222	0.041	<1	1.57	0.015	0.04	0.2	0.04	3.8	<0.1	<0.05	4	<0.5	<0.2
REP 1137854	QC	12	31	0.58	231	0.041	1	1.65	0.015	0.04	0.2	0.04	3.9	<0.1	<0.05	5	0.6	<0.2
1111790	Soil	11	31	0.60	221	0.058	<1	1.88	0.010	0.05	0.2	0.04	3.0	0.1	<0.05	5	0.5	<0.2
REP 1111790	QC	11	32	0.62	221	0.058	<1	1.97	0.009	0.05	0.1	0.04	3.0	0.1	<0.05	5	<0.5	<0.2
1213667	Soil	27	116	0.97	220	0.056	<1	1.72	0.008	0.10	0.2	0.04	3.4	0.2	<0.05	6	1.1	<0.2
REP 1213667	QC	28	114	0.99	223	0.057	1	1.75	0.008	0.10	0.2	0.04	3.3	0.2	<0.05	6	1.4	<0.2
1213680	Soil	15	44	0.51	185	0.071	<1	1.54	0.011	0.05	0.1	0.03	2.6	0.1	<0.05	6	<0.5	<0.2
REP 1213680	QC	14	42	0.53	184	0.060	<1	1.51	0.009	0.05	0.1	0.03	2.6	0.1	<0.05	5	<0.5	<0.2
1213580	Soil	16	21	0.42	228	0.027	1	1.19	0.010	0.03	0.1	0.05	2.9	<0.1	<0.05	4	<0.5	<0.2
REP 1213580	QC	16	21	0.42	228	0.026	1	1.23	0.010	0.03	0.1	0.03	3.0	<0.1	<0.05	4	<0.5	<0.2
1140483	Soil	18	21	0.56	276	0.023	2	1.30	0.012	0.10	0.1	0.04	2.9	<0.1	0.08	4	0.6	<0.2
REP 1140483	QC	19	21	0.57	280	0.022	3	1.28	0.012	0.10	0.1	0.03	2.8	<0.1	0.08	4	0.7	<0.2
1140486	Soil	21	23	0.57	484	0.024	3	1.37	0.013	0.11	0.2	0.02	4.0	<0.1	<0.05	4	<0.5	<0.2
REP 1140486	QC	21	22	0.57	502	0.025	4	1.35	0.013	0.11	0.2	0.03	3.9	<0.1	<0.05	4	0.6	<0.2
1140403	Soil	15	51	0.63	527	0.053	2	1.62	0.012	0.09	0.1	0.03	3.1	<0.1	<0.05	5	0.5	<0.2
REP 1140403	QC	14	49	0.62	511	0.049	2	1.56	0.012	0.08	0.2	0.02	3.0	<0.1	<0.05	5	<0.5	<0.2
1063428	Soil	32	51	0.76	616	0.080	1	1.66	0.010	0.11	0.1	0.02	4.3	0.1	<0.05	6	0.7	<0.2
REP 1063428	QC	31	52	0.76	630	0.075	2	1.66	0.011	0.11	0.1	0.02	4.6	0.1	<0.05	6	0.8	<0.2
1060566	Soil	19	30	0.54	224	0.057	<1	1.88	0.011	0.05	0.1	0.03	3.8	<0.1	<0.05	6	<0.5	<0.2
REP 1060566	QC	19	30	0.49	215	0.053	<1	1.74	0.010	0.05	0.1	0.03	3.8	<0.1	<0.05	5	<0.5	<0.2
1060581	Soil	32	317	1.69	290	0.077	<1	2.37	0.008	0.16	0.1	<0.01	5.0	0.3	<0.05	8	0.9	<0.2
REP 1060581	QC	32	321	1.64	294	0.080	<1	2.40	0.011	0.16	0.1	0.02	5.1	0.2	<0.05	8	0.7	<0.2

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1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
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600 - 666 Burrard St.
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		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1065602	Soil	1.9	45.6	15.8	108	0.2	38.8	11.5	366	3.50	134.0	1.0	12.5	4.5	25	0.4	1.1	0.3	64	0.29	0.056
REP 1065602	QC	1.9	43.4	15.7	108	0.2	39.1	11.5	373	3.49	133.6	1.0	10.5	4.5	25	0.5	1.1	0.3	66	0.30	0.056
1062257	Soil	1.7	24.3	21.7	60	0.2	19.3	10.4	397	2.98	62.4	0.8	8.1	4.6	18	0.2	0.5	0.2	61	0.19	0.034
REP 1062257	QC	1.8	24.3	21.5	60	0.2	18.9	10.4	398	2.91	62.5	0.7	5.3	4.5	19	0.1	0.6	0.2	61	0.19	0.034
1062269	Soil	0.7	20.4	11.6	53	<0.1	16.9	8.8	362	2.76	5.9	0.9	1.5	6.8	24	<0.1	0.5	0.2	57	0.30	0.024
REP 1062269	QC	0.7	20.4	11.6	54	<0.1	16.6	9.0	359	2.78	6.1	0.9	0.7	6.8	25	<0.1	0.5	0.2	57	0.29	0.024
1213941	Soil	1.5	29.9	39.7	118	0.4	26.6	12.7	364	3.05	153.4	1.6	24.9	7.1	26	0.5	0.8	0.2	54	0.31	0.077
REP 1213941	QC	1.6	29.5	37.6	118	0.4	27.5	12.1	356	2.98	150.5	1.5	24.1	6.8	25	0.5	0.8	0.2	52	0.29	0.075
Reference Materials																					
STD DS8	Standard	12.7	107.8	131.8	302	1.8	36.6	7.3	606	2.40	24.5	2.9	106.2	6.9	68	2.3	5.6	6.7	43	0.69	0.078
STD DS8	Standard	14.3	120.3	123.4	330	1.9	41.8	8.0	643	2.57	27.9	2.9	110.2	7.0	72	2.4	6.0	6.7	44	0.72	0.084
STD DS8	Standard	13.2	112.9	125.9	312	1.8	40.5	7.8	612	2.51	23.5	2.7	110.7	6.7	66	2.2	5.5	6.3	43	0.70	0.080
STD DS8	Standard	11.0	112.3	129.9	309	1.8	36.2	7.1	559	2.33	24.6	2.8	115.8	6.0	62	2.3	5.6	7.0	39	0.62	0.079
STD DS8	Standard	11.2	112.2	120.4	310	1.8	35.4	7.0	570	2.30	23.7	2.6	117.8	6.2	63	2.4	5.6	6.7	38	0.62	0.080
STD DS8	Standard	12.7	106.5	109.2	283	1.6	36.9	7.4	577	2.31	22.9	2.5	95.1	6.0	62	2.2	5.0	5.9	42	0.65	0.072
STD DS8	Standard	13.3	103.1	128.4	290	1.8	35.4	7.0	584	2.34	23.9	2.9	108.6	7.1	72	2.4	6.0	7.0	40	0.67	0.078
STD DS8	Standard	13.5	110.0	127.6	297	1.8	38.0	7.6	591	2.38	24.0	2.9	110.9	7.2	70	2.3	5.6	6.3	42	0.67	0.076
STD DS8	Standard	13.3	109.1	126.3	315	1.8	38.5	7.6	612	2.51	27.0	2.7	113.3	6.4	66	2.4	5.4	6.7	42	0.69	0.087
STD DS8	Standard	13.4	112.5	126.8	313	1.8	39.1	7.6	615	2.48	25.1	2.8	118.7	6.8	69	2.6	5.6	6.6	42	0.67	0.080
STD DS8	Standard	12.0	110.5	127.7	309	1.8	38.8	7.2	600	2.49	25.0	2.8	118.1	6.7	74	2.3	6.2	7.2	41	0.66	0.078
STD DS8	Standard	11.4	104.5	121.0	299	1.7	37.0	7.2	562	2.38	24.1	2.7	106.6	6.2	57	2.2	4.7	5.7	39	0.62	0.078
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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

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

Project: FLU
Report Date: November 23, 2011

QUALITY CONTROL REPORT WHI11001815.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1065602	Soil	17	42	0.64	501	0.051	1	1.79	0.010	0.07	0.1	0.02	3.9	<0.1	<0.05	5	1.4	<0.2
REP 1065602	QC	17	43	0.66	500	0.051	1	1.83	0.010	0.07	0.1	0.02	4.2	<0.1	<0.05	6	0.9	<0.2
1062257	Soil	13	31	0.61	148	0.070	<1	1.85	0.012	0.07	0.1	0.01	2.8	0.1	<0.05	6	<0.5	<0.2
REP 1062257	QC	13	31	0.60	150	0.068	2	1.82	0.012	0.06	0.1	0.01	2.8	0.1	<0.05	6	0.6	<0.2
1062269	Soil	20	30	0.56	389	0.032	2	1.72	0.010	0.08	0.1	0.02	4.8	<0.1	<0.05	6	<0.5	<0.2
REP 1062269	QC	20	30	0.57	390	0.030	2	1.72	0.011	0.08	0.1	0.01	4.8	<0.1	<0.05	5	<0.5	<0.2
1213941	Soil	25	41	0.71	377	0.065	2	1.76	0.012	0.08	0.2	0.04	3.9	0.1	<0.05	5	0.5	<0.2
REP 1213941	QC	25	40	0.69	362	0.065	2	1.74	0.012	0.09	0.2	0.04	3.9	0.1	<0.05	5	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	15	117	0.61	266	0.119	3	0.90	0.103	0.43	3.1	0.18	2.5	5.3	0.15	5	5.4	4.5
STD DS8	Standard	17	126	0.63	294	0.131	2	0.95	0.103	0.43	3.0	0.21	2.6	5.4	0.18	5	6.0	5.1
STD DS8	Standard	15	120	0.61	271	0.110	2	0.94	0.103	0.42	3.0	0.19	2.9	5.5	0.14	5	5.0	5.1
STD DS8	Standard	11	112	0.57	246	0.102	2	0.81	0.082	0.42	2.9	0.21	2.3	5.2	0.14	4	4.7	5.2
STD DS8	Standard	11	108	0.57	249	0.107	3	0.83	0.096	0.41	3.0	0.21	2.4	5.2	0.18	4	4.2	4.5
STD DS8	Standard	14	115	0.56	250	0.117	2	0.88	0.092	0.39	2.6	0.18	2.0	4.7	0.15	5	5.2	4.5
STD DS8	Standard	15	112	0.61	270	0.133	4	0.92	0.099	0.40	3.0	0.20	2.3	5.5	0.15	4	5.9	4.8
STD DS8	Standard	15	116	0.60	273	0.122	2	0.96	0.104	0.42	2.8	0.19	2.6	5.3	0.11	5	4.4	4.6
STD DS8	Standard	14	119	0.64	273	0.104	2	1.01	0.108	0.44	2.9	0.21	3.2	5.5	0.18	5	5.4	5.3
STD DS8	Standard	15	119	0.61	269	0.120	2	0.90	0.107	0.43	3.0	0.19	2.8	5.5	0.06	5	4.7	4.8
STD DS8	Standard	14	116	0.61	288	0.122	2	0.93	0.113	0.42	3.2	0.21	3.3	5.6	0.15	5	5.1	4.1
STD DS8	Standard	12	106	0.64	253	0.100	2	0.84	0.090	0.38	2.9	0.17	1.7	5.2	0.16	4	4.5	4.9
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

Project: FLU
Report Date: November 23, 2011

QUALITY CONTROL REPORT WHI11001815.1

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

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QUALITY CONTROL REPORT WHI11001815.1

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

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

www.acmelab.com

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

Submitted By: Mike Skead
Receiving Lab: Canada-Whitehorse
Received: October 18, 2011
Report Date: November 11, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS WHI11001816.1

CLIENT JOB INFORMATION

Project: FLU
Shipment ID: FLU2011-02
P.O. Number
Number of Samples: 320

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
PICKUP-RJT Client to Pickup Rejects

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

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

ADDITIONAL COMMENTS

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

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Project: FLU
Report Date: November 11, 2011

CERTIFICATE OF ANALYSIS WHI11001816.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1213937	Soil		2.6	34.3	30.5	97	0.4	27.8	15.0	808	3.37	365.8	1.3	32.3	5.6	18	0.3	1.1	0.3	53	0.21	0.080
1213938	Soil		2.2	30.8	85.6	142	0.4	25.8	23.8	1222	3.37	422.2	1.0	69.6	3.9	19	0.5	1.0	0.3	60	0.23	0.073
1213787	Soil		1.2	26.6	11.3	66	<0.1	25.2	11.3	486	3.53	9.3	1.8	3.4	9.3	22	<0.1	0.6	0.2	75	0.24	0.036
1213788	Soil		2.1	11.6	9.9	40	<0.1	10.3	5.1	269	2.80	8.0	0.5	<0.5	2.1	10	<0.1	0.6	0.3	93	0.09	0.042
1213789	Soil		1.0	17.1	11.1	68	<0.1	18.6	9.9	847	2.88	4.9	1.8	1.2	14.4	20	0.1	0.4	0.2	55	0.28	0.058
1213790	Soil		1.5	11.0	10.2	43	<0.1	11.5	5.7	530	2.12	5.2	0.7	1.9	1.4	12	<0.1	0.4	0.2	64	0.13	0.042
1213783	Soil		0.9	18.9	9.0	59	<0.1	21.3	11.1	558	3.22	6.5	1.0	<0.5	15.6	21	<0.1	0.5	0.1	67	0.20	0.021
1213946	Soil		1.4	27.7	23.5	95	0.2	46.9	15.9	566	3.41	88.4	1.5	7.2	9.5	37	0.2	0.6	0.2	64	0.53	0.093
1213784	Soil		1.3	21.6	10.5	61	<0.1	20.4	8.4	326	3.43	8.1	1.9	2.0	16.2	15	<0.1	0.6	0.2	74	0.14	0.023
1213786	Soil		1.2	21.3	10.4	58	<0.1	24.8	10.4	303	3.35	10.8	1.1	2.1	9.4	16	0.1	0.6	0.2	79	0.17	0.022
1213785	Soil		1.5	22.9	9.8	59	<0.1	21.7	9.1	451	3.25	8.6	1.0	<0.5	12.1	13	<0.1	0.5	0.2	68	0.14	0.023
1213781	Soil		1.1	22.7	10.3	56	<0.1	19.8	10.9	602	2.95	6.1	1.3	<0.5	12.9	25	<0.1	0.5	0.1	63	0.27	0.026
1213782	Soil		0.9	18.8	9.1	57	<0.1	19.9	10.0	513	2.95	5.8	1.5	<0.5	12.6	24	<0.1	0.4	0.1	66	0.26	0.024
1213947	Soil		1.1	28.4	21.7	92	0.3	37.4	15.0	574	3.33	100.2	1.6	10.3	8.8	41	0.2	0.5	0.2	61	0.59	0.110
1213945	Soil		1.1	24.9	19.1	90	0.2	45.3	15.9	435	3.25	43.8	1.4	1.9	7.6	32	0.2	0.4	0.2	70	0.49	0.088
1213798	Soil		2.2	28.0	22.5	84	0.3	25.7	13.7	556	3.54	265.7	1.3	32.4	6.0	17	0.2	0.9	0.3	55	0.20	0.072
1213796	Soil		1.6	22.6	11.8	74	0.2	21.0	9.7	510	2.21	37.0	1.9	5.3	4.8	60	0.5	0.8	0.2	43	1.92	0.064
1213794	Soil		1.2	17.5	9.8	66	0.1	17.2	9.6	591	2.47	8.6	1.3	2.1	7.7	34	0.3	0.4	0.1	47	1.11	0.061
1213792	Soil		0.9	16.6	9.1	70	<0.1	17.5	10.1	477	3.00	6.4	1.1	4.4	9.5	26	0.1	0.4	0.1	61	0.39	0.060
1213791	Soil		0.8	19.9	9.7	71	<0.1	22.7	11.1	527	3.15	6.6	1.3	0.9	9.2	27	0.1	0.4	0.2	68	0.39	0.054
1213799	Soil		2.1	26.4	23.2	86	0.2	26.9	14.1	536	3.56	278.0	1.3	21.6	5.9	17	0.2	1.0	0.2	55	0.19	0.074
1213795	Soil		0.7	18.1	21.9	90	0.2	24.2	10.8	337	2.43	34.4	0.7	3.9	6.2	41	0.7	0.6	0.2	49	1.11	0.059
1213797	Soil		1.3	35.5	18.6	98	0.3	33.8	12.1	275	2.63	238.6	1.5	22.7	3.6	45	0.4	1.7	0.3	47	1.21	0.087
1213793	Soil		3.4	17.1	11.8	71	0.1	15.5	10.2	578	2.97	6.6	1.3	2.8	7.4	40	0.3	0.4	0.1	51	0.99	0.080
1008078	Soil		2.3	18.4	9.7	80	0.1	18.3	14.6	692	3.84	8.7	1.1	12.7	6.0	51	<0.1	0.4	0.1	74	0.56	0.070
1008085	Soil		1.2	33.7	23.3	71	0.3	26.6	12.0	469	2.93	53.2	1.6	14.0	4.5	35	0.2	0.5	0.2	65	0.47	0.053
1008084	Soil		1.4	27.2	17.7	61	0.3	23.2	11.6	565	2.68	42.4	1.8	6.5	5.6	30	0.2	0.4	0.2	66	0.39	0.036
1008083	Soil		1.7	39.7	20.1	75	0.4	29.7	15.4	627	3.44	97.0	2.9	22.2	7.1	48	0.3	0.5	0.2	63	0.73	0.060
1008082	Soil		0.7	27.4	14.2	92	0.2	20.0	11.5	482	2.63	33.6	1.4	4.8	4.5	41	0.5	0.5	0.1	52	0.85	0.061
1008081	Soil		1.3	20.7	10.8	78	0.1	21.1	13.8	682	3.31	6.7	1.4	3.0	4.4	42	0.1	0.4	0.2	73	0.64	0.065

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

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

Project: FLU
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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1213937	Soil		24	40	0.64	153	0.039	2	1.77	0.009	0.10	0.2	0.03	2.8	0.2	<0.05	5	0.7	<0.2
1213938	Soil		20	34	0.61	175	0.046	1	1.64	0.010	0.08	0.2	0.03	2.9	0.1	<0.05	5	0.6	<0.2
1213787	Soil		28	41	0.66	202	0.069	1	2.63	0.013	0.06	0.1	0.03	5.7	0.1	<0.05	7	<0.5	<0.2
1213788	Soil		16	22	0.23	64	0.086	<1	1.20	0.008	0.05	0.1	0.02	1.9	0.1	<0.05	9	<0.5	<0.2
1213789	Soil		37	28	0.54	126	0.065	<1	1.88	0.013	0.09	0.2	0.02	3.4	<0.1	<0.05	6	<0.5	<0.2
1213790	Soil		21	25	0.27	76	0.048	<1	1.28	0.012	0.07	<0.1	0.03	1.7	0.1	<0.05	8	<0.5	<0.2
1213783	Soil		29	38	0.65	172	0.078	1	2.41	0.014	0.07	0.1	0.02	4.7	0.1	<0.05	7	<0.5	<0.2
1213946	Soil		36	140	1.11	340	0.100	1	2.27	0.019	0.18	0.1	0.04	4.3	0.2	<0.05	7	<0.5	<0.2
1213784	Soil		36	37	0.55	146	0.061	1	3.01	0.010	0.06	0.1	0.03	4.4	0.2	<0.05	9	<0.5	<0.2
1213786	Soil		22	42	0.63	170	0.096	1	2.89	0.013	0.07	0.1	0.03	4.5	0.1	<0.05	7	<0.5	<0.2
1213785	Soil		22	34	0.58	180	0.073	1	2.55	0.011	0.07	0.1	0.03	3.8	0.1	<0.05	8	<0.5	<0.2
1213781	Soil		35	35	0.57	234	0.076	<1	2.05	0.016	0.08	<0.1	0.02	6.0	0.1	<0.05	6	<0.5	<0.2
1213782	Soil		31	36	0.64	176	0.086	1	1.99	0.014	0.06	0.1	0.02	4.9	0.1	<0.05	6	<0.5	<0.2
1213947	Soil		37	77	1.02	321	0.100	1	2.21	0.023	0.16	0.1	0.04	4.4	0.2	<0.05	7	<0.5	<0.2
1213945	Soil		30	135	1.14	376	0.107	1	2.28	0.019	0.19	0.1	0.02	4.3	0.2	<0.05	7	<0.5	<0.2
1213798	Soil		30	34	0.59	130	0.037	2	1.88	0.009	0.09	0.2	0.02	3.0	0.2	<0.05	5	<0.5	<0.2
1213796	Soil		20	24	0.50	348	0.038	3	1.52	0.019	0.07	0.1	0.04	4.3	0.1	0.13	4	0.6	<0.2
1213794	Soil		27	25	0.50	401	0.034	2	1.83	0.016	0.10	0.2	0.05	4.7	0.1	<0.05	5	<0.5	<0.2
1213792	Soil		28	28	0.61	195	0.075	1	1.92	0.016	0.10	0.1	0.01	3.8	0.1	<0.05	6	<0.5	<0.2
1213791	Soil		29	36	0.64	223	0.077	2	2.14	0.015	0.09	0.2	0.02	4.6	0.1	<0.05	7	<0.5	<0.2
1213799	Soil		29	36	0.60	136	0.033	1	1.89	0.010	0.10	0.2	0.03	3.2	0.2	<0.05	6	<0.5	<0.2
1213795	Soil		22	25	0.57	263	0.063	1	1.45	0.023	0.06	2.6	0.02	4.1	<0.1	<0.05	4	0.5	<0.2
1213797	Soil		20	30	0.51	348	0.022	2	1.53	0.016	0.07	0.1	0.04	3.9	0.1	0.10	4	0.7	<0.2
1213793	Soil		28	23	0.48	586	0.034	1	1.66	0.014	0.18	0.2	0.03	5.7	0.2	<0.05	6	<0.5	<0.2
1008078	Soil		24	41	0.99	192	0.094	1	2.33	0.018	0.15	0.2	0.02	5.9	0.2	<0.05	8	<0.5	<0.2
1008085	Soil		24	41	0.65	295	0.061	<1	2.12	0.015	0.08	0.1	0.04	4.6	0.1	<0.05	6	<0.5	<0.2
1008084	Soil		23	35	0.57	267	0.056	<1	1.97	0.018	0.07	0.1	0.02	3.8	0.1	<0.05	6	<0.5	<0.2
1008083	Soil		29	42	0.76	306	0.052	1	2.01	0.014	0.14	0.1	0.02	4.1	0.1	0.06	6	1.0	<0.2
1008082	Soil		19	29	0.61	270	0.056	2	1.86	0.019	0.06	0.2	0.05	4.3	0.1	0.09	6	<0.5	<0.2
1008081	Soil		23	36	0.75	279	0.084	2	2.34	0.019	0.08	0.2	0.05	5.4	0.1	<0.05	8	<0.5	<0.2

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Vancouver BC V6C 1H2 Canada

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1008079	Soil	1.3	17.9	10.4	74	0.2	19.0	11.7	479	3.27	6.1	0.9	1.3	3.5	38	0.1	0.4	0.2	72	0.62	0.060
1008075	Soil	1.1	13.9	10.5	52	<0.1	13.7	7.7	295	2.61	4.7	0.5	<0.5	1.9	28	0.1	0.4	0.2	69	0.26	0.039
1008077	Soil	2.4	18.5	9.6	78	0.1	18.5	15.0	725	3.95	8.8	1.1	14.2	6.1	50	<0.1	0.4	0.1	75	0.58	0.070
1008076	Soil	1.3	22.0	11.5	74	0.1	20.5	10.9	453	3.56	6.3	1.0	<0.5	4.9	37	0.1	0.4	0.2	80	0.44	0.049
1008080	Soil	1.0	18.2	10.8	85	0.1	19.6	13.7	701	3.46	10.2	1.3	4.5	5.5	37	0.2	0.4	0.2	74	0.54	0.062
1008095	Soil	0.7	15.1	7.3	42	<0.1	15.7	7.2	289	2.28	6.1	0.7	<0.5	4.9	26	<0.1	0.4	0.1	56	0.37	0.030
1008096	Soil	0.6	15.9	10.0	46	<0.1	18.4	8.7	301	2.50	8.2	0.5	1.3	3.3	22	<0.1	0.4	0.2	56	0.29	0.016
1213513	Soil	1.0	19.4	11.4	75	0.1	14.4	11.2	596	3.31	7.3	1.1	2.1	5.4	45	<0.1	0.4	0.2	54	0.64	0.059
1008094	Soil	0.8	14.0	10.7	41	0.1	12.8	12.7	563	2.56	6.2	0.4	2.8	3.2	17	0.3	0.4	0.2	58	0.16	0.020
1008093	Soil	1.0	29.1	13.3	67	0.1	25.1	10.9	413	3.04	24.8	0.9	7.3	4.8	36	0.1	0.6	0.2	67	0.49	0.067
1008092	Soil	0.8	20.0	14.9	72	<0.1	18.9	11.5	427	3.39	20.6	0.8	5.1	6.1	25	<0.1	0.4	0.1	59	0.31	0.041
1008091	Soil	0.9	25.1	15.8	68	<0.1	21.7	10.5	440	3.13	30.7	1.3	9.5	6.5	32	<0.1	0.5	0.2	61	0.40	0.049
1008090	Soil	1.0	27.7	16.2	64	0.2	23.1	9.5	375	2.72	52.1	1.5	15.1	4.3	35	0.2	0.5	0.2	52	0.40	0.050
1008089	Soil	1.2	38.0	19.7	79	0.2	29.6	12.9	517	3.00	74.3	1.5	11.6	5.2	37	0.3	0.7	0.2	55	0.43	0.057
1008088	Soil	1.0	33.0	20.4	74	0.2	28.1	11.9	492	3.07	60.3	1.9	6.8	5.3	33	0.1	0.6	0.2	56	0.41	0.057
1008086	Soil	1.1	33.3	33.5	73	0.3	25.7	11.4	418	2.94	60.0	1.6	9.9	4.0	35	0.3	0.5	0.2	57	0.42	0.058
1008087	Soil	1.2	29.8	31.6	72	0.3	23.6	11.1	424	2.70	58.4	1.4	79.3	3.6	32	0.3	0.5	0.2	54	0.38	0.055
1213506	Soil	1.2	35.0	11.2	63	0.4	35.5	13.0	401	3.25	30.4	0.8	3.2	5.2	18	0.2	0.9	0.2	66	0.15	0.025
1213507	Soil	1.1	19.0	18.6	82	0.1	18.6	12.2	632	3.41	5.7	1.1	1.5	4.6	47	0.2	0.4	0.2	61	0.70	0.072
1213505	Soil	1.2	35.5	15.4	71	0.3	30.8	14.3	495	3.81	87.1	1.0	10.5	7.1	14	0.1	1.7	0.2	74	0.12	0.024
1213504	Soil	2.8	48.0	14.5	83	0.4	42.4	16.4	677	4.34	527.4	1.8	21.3	10.9	18	0.2	4.5	0.3	48	0.18	0.036
1213503	Soil	1.4	31.3	21.4	87	0.9	26.0	10.1	450	3.10	39.7	1.2	22.3	5.2	23	0.2	0.6	0.3	71	0.32	0.027
1213502	Soil	0.2	46.3	77.7	331	0.6	53.1	14.9	470	4.05	396.4	1.1	37.6	10.4	19	1.2	3.7	0.3	46	0.57	0.073
1213501	Soil	0.5	32.9	13.6	59	0.2	24.7	12.4	578	2.79	34.2	0.9	2.8	1.9	46	0.4	0.6	0.2	61	1.35	0.048
1008100	Soil	0.5	31.9	14.7	59	0.2	25.4	10.7	490	2.50	21.1	0.8	3.9	1.6	54	0.5	0.7	0.2	53	2.07	0.061
1008099	Soil	0.5	30.9	12.0	59	0.1	26.5	10.9	570	2.55	13.1	0.6	1.6	1.8	58	0.4	0.7	0.2	55	1.86	0.067
1008097	Soil	0.6	32.9	14.8	58	0.2	27.8	12.1	694	2.96	12.8	0.7	2.3	2.6	58	0.4	0.6	0.2	58	1.32	0.048
1008098	Soil	0.6	27.7	15.3	64	0.2	27.9	11.3	548	2.68	12.5	0.6	2.5	1.7	61	0.4	0.5	0.2	56	1.70	0.051
1213831	Soil	1.5	28.9	12.5	67	0.2	29.6	12.6	533	3.92	94.3	0.9	5.5	6.7	13	0.1	0.8	0.2	67	0.12	0.030
1213832	Soil	1.1	35.3	11.6	71	<0.1	30.1	12.0	468	3.30	73.9	1.5	17.2	7.8	21	<0.1	0.6	0.2	60	0.18	0.024

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1008079	Soil	20	34	0.70	224	0.073	2	2.33	0.018	0.10	0.2	0.05	5.2	0.2	<0.05	8	<0.5	<0.2
1008075	Soil	10	25	0.49	100	0.103	<1	1.68	0.013	0.08	0.1	0.02	2.8	0.1	<0.05	8	<0.5	<0.2
1008077	Soil	24	41	1.03	193	0.096	1	2.37	0.017	0.14	0.2	0.02	6.1	0.1	<0.05	8	<0.5	<0.2
1008076	Soil	20	33	0.75	220	0.102	1	2.57	0.016	0.09	0.1	0.03	4.6	0.1	<0.05	9	<0.5	<0.2
1008080	Soil	24	33	0.78	244	0.093	1	2.30	0.019	0.10	0.2	0.02	5.1	0.1	<0.05	8	<0.5	<0.2
1008095	Soil	18	29	0.49	377	0.066	2	1.52	0.018	0.11	0.1	0.01	3.8	<0.1	<0.05	5	<0.5	<0.2
1008096	Soil	12	28	0.53	283	0.043	2	1.60	0.011	0.06	0.1	0.01	3.0	<0.1	<0.05	5	<0.5	<0.2
1213513	Soil	24	27	0.76	186	0.076	2	1.84	0.012	0.10	0.2	0.02	4.8	<0.1	<0.05	7	<0.5	<0.2
1008094	Soil	12	22	0.34	244	0.036	2	1.39	0.011	0.08	0.1	0.02	2.5	<0.1	<0.05	6	<0.5	<0.2
1008093	Soil	16	36	0.66	302	0.080	1	1.77	0.022	0.06	0.2	0.03	5.5	<0.1	<0.05	5	<0.5	<0.2
1008092	Soil	18	35	0.74	280	0.048	1	2.04	0.013	0.06	0.1	0.01	4.0	<0.1	<0.05	7	<0.5	<0.2
1008091	Soil	21	35	0.66	304	0.067	<1	1.85	0.013	0.05	0.1	0.02	5.4	<0.1	<0.05	6	<0.5	<0.2
1008090	Soil	19	33	0.57	310	0.049	1	1.82	0.014	0.05	0.2	0.04	4.3	<0.1	<0.05	5	<0.5	<0.2
1008089	Soil	22	37	0.66	327	0.056	<1	1.84	0.014	0.05	0.2	0.03	5.1	<0.1	<0.05	5	<0.5	<0.2
1008088	Soil	22	37	0.64	314	0.045	<1	1.92	0.012	0.05	0.1	0.04	4.5	<0.1	<0.05	6	<0.5	<0.2
1008086	Soil	20	38	0.60	311	0.044	<1	1.94	0.013	0.05	0.2	0.04	4.4	<0.1	<0.05	6	<0.5	<0.2
1008087	Soil	18	35	0.58	275	0.043	<1	1.80	0.011	0.05	0.2	0.03	3.9	<0.1	<0.05	5	0.6	<0.2
1213506	Soil	12	41	0.65	227	0.089	1	2.62	0.010	0.07	0.2	0.04	3.9	0.1	<0.05	6	<0.5	<0.2
1213507	Soil	20	31	0.82	247	0.085	2	2.10	0.014	0.08	0.2	0.03	5.2	0.1	<0.05	7	<0.5	<0.2
1213505	Soil	20	50	0.84	256	0.088	1	2.71	0.012	0.12	0.1	0.01	4.7	0.2	<0.05	6	<0.5	<0.2
1213504	Soil	43	36	0.59	386	0.029	2	2.15	0.008	0.10	0.2	0.02	4.5	0.2	<0.05	6	<0.5	<0.2
1213503	Soil	16	37	0.52	315	0.063	2	2.22	0.012	0.07	0.1	0.04	5.2	0.1	<0.05	7	<0.5	<0.2
1213502	Soil	33	48	0.73	220	0.055	<1	1.87	0.007	0.34	0.1	0.03	4.5	0.3	<0.05	6	<0.5	<0.2
1213501	Soil	15	31	0.56	304	0.054	2	1.79	0.021	0.05	0.2	0.04	4.3	<0.1	<0.05	5	<0.5	<0.2
1008100	Soil	13	28	0.61	275	0.054	2	1.41	0.024	0.04	0.2	0.04	3.4	<0.1	<0.05	4	<0.5	<0.2
1008099	Soil	14	30	0.68	301	0.059	3	1.60	0.027	0.05	0.2	0.05	3.5	<0.1	<0.05	5	<0.5	<0.2
1008097	Soil	15	30	0.59	396	0.047	2	1.98	0.028	0.05	0.1	0.04	5.0	<0.1	<0.05	5	<0.5	<0.2
1008098	Soil	15	30	0.61	273	0.047	2	1.72	0.025	0.05	0.2	0.05	3.8	<0.1	<0.05	5	0.5	<0.2
1213831	Soil	23	39	0.58	168	0.051	<1	2.30	0.007	0.07	0.1	0.02	4.0	0.1	<0.05	7	<0.5	<0.2
1213832	Soil	28	39	0.65	253	0.073	<1	2.16	0.015	0.11	0.1	0.03	6.1	0.1	<0.05	6	<0.5	<0.2

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

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

Project: FLU
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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1213833	Soil		1.0	41.1	14.3	76	0.1	34.4	13.3	508	3.68	80.2	1.6	14.3	8.8	23	0.2	0.7	0.2	68	0.20	0.026
1213834	Soil		1.1	46.1	8.3	100	<0.1	92.6	29.9	613	6.10	196.9	0.7	7.6	4.5	30	0.1	0.8	0.1	108	0.54	0.099
1213835	Soil		1.0	33.6	11.1	90	0.2	57.5	17.0	427	4.27	138.5	0.9	10.4	5.7	26	0.2	0.8	0.2	88	0.41	0.074
1213836	Soil		1.3	28.0	11.8	74	0.5	36.4	14.3	983	3.46	193.4	0.7	7.5	3.5	30	0.4	0.8	0.2	78	0.45	0.069
1213837	Soil		1.3	38.8	13.2	70	0.5	34.2	12.8	617	3.23	258.2	1.4	15.3	5.3	29	0.2	1.1	0.2	55	0.39	0.065
1213838	Soil		1.7	26.5	13.8	57	0.4	21.5	10.5	447	3.49	164.2	0.9	6.9	7.2	22	0.1	1.4	0.2	59	0.25	0.048
1213842	Soil		1.0	35.0	10.2	72	<0.1	40.6	14.2	370	3.69	86.8	1.1	15.1	6.3	21	0.1	0.6	0.2	72	0.21	0.036
1213839	Soil		1.7	35.3	13.8	67	0.3	29.6	11.9	556	3.18	173.6	1.1	6.5	5.7	30	0.3	1.4	0.3	59	0.41	0.050
1213840	Soil		2.1	17.2	11.7	52	0.2	15.0	8.4	506	3.22	85.6	0.6	0.7	5.0	11	0.1	0.8	0.2	68	0.11	0.034
1213841	Soil		1.8	25.5	14.3	54	0.4	20.5	9.8	413	3.43	161.2	0.9	6.1	7.0	22	0.1	1.3	0.2	59	0.25	0.047
1213829	Soil		2.7	77.4	19.8	118	0.2	33.2	15.4	919	4.80	170.4	1.5	1.2	6.8	14	0.1	1.0	0.3	83	0.08	0.064
1213830	Soil		1.3	36.8	12.1	68	0.1	27.0	11.6	511	3.51	114.3	1.5	16.1	7.2	27	<0.1	0.5	0.2	59	0.25	0.033
1213827	Soil		1.0	31.6	16.0	71	0.1	29.2	12.9	503	3.48	122.3	1.0	8.5	8.0	13	0.2	0.7	0.2	57	0.10	0.021
1213828	Soil		0.9	29.5	14.6	68	<0.1	27.6	11.8	532	3.21	80.3	1.2	9.4	6.6	27	0.3	0.6	0.2	57	0.25	0.028
1213825	Soil		2.7	50.2	18.1	89	0.3	26.0	11.0	434	3.63	543.3	1.9	40.0	6.3	28	0.3	1.4	0.3	49	0.10	0.038
1213826	Soil		1.6	46.2	18.6	95	<0.1	31.3	17.1	862	3.54	369.7	1.5	29.9	7.4	22	0.3	0.9	0.3	49	0.19	0.043
1213824	Soil		2.3	46.4	24.6	87	0.3	30.6	15.0	850	3.75	744.2	1.4	36.1	3.7	20	0.5	1.9	0.3	57	0.11	0.046
1213822	Soil		2.0	35.6	163.7	141	0.3	21.7	11.0	636	3.79	677.2	0.9	60.7	2.9	19	1.3	1.9	0.3	67	0.10	0.038
1213823	Soil		1.1	25.5	10.9	61	0.2	25.9	10.7	250	3.08	67.1	0.6	3.4	3.5	14	0.2	0.7	0.2	70	0.10	0.020
1213821	Soil		1.8	26.2	27.2	84	0.2	22.0	15.2	858	3.58	551.4	2.0	27.0	13.8	28	0.3	1.2	0.2	36	0.33	0.144
1213819	Soil		1.7	31.5	18.7	78	0.2	29.3	13.2	541	3.08	357.6	1.3	21.9	4.2	23	0.3	0.9	0.2	52	0.27	0.075
1213820	Soil		2.0	27.8	29.8	91	0.2	24.3	16.8	967	3.91	598.3	2.1	30.8	14.5	27	0.3	1.3	0.2	38	0.35	0.146
1213818	Soil		1.6	33.2	18.2	76	0.3	31.6	12.3	544	3.03	356.7	1.7	24.6	5.4	38	0.3	0.9	0.2	54	0.42	0.100
1213817	Soil		3.5	37.6	21.3	113	0.3	41.2	15.4	447	3.46	261.2	1.6	55.2	7.2	47	0.4	0.9	0.3	60	0.54	0.121
1213810	Soil		2.8	34.5	19.9	101	0.5	33.6	15.1	701	3.39	119.9	2.3	6.7	5.0	47	0.5	0.7	0.2	65	0.49	0.079
1213313	Soil		1.3	25.3	18.4	80	0.2	40.5	15.3	631	2.90	96.7	1.4	10.5	4.1	51	0.3	0.6	0.2	56	0.53	0.069
1213815	Soil		1.7	22.2	17.8	83	0.3	25.9	13.2	539	2.88	166.7	1.3	14.1	5.9	65	0.2	0.7	0.2	50	0.65	0.079
1213814	Soil		1.8	30.7	19.9	92	0.2	63.0	15.0	352	3.03	95.9	1.4	10.2	6.4	52	0.3	0.8	0.2	60	0.62	0.092
1213812	Soil		1.8	26.1	19.1	83	0.4	31.3	14.8	859	3.03	168.3	1.5	14.5	4.0	48	0.2	0.8	0.2	54	0.56	0.081
1213811	Soil		2.5	36.5	21.8	94	0.4	40.8	16.9	674	3.36	110.4	1.7	8.5	5.3	54	0.3	0.6	0.3	76	0.67	0.103

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1213833	Soil		31	46	0.70	318	0.085	2	2.40	0.020	0.11	0.2	0.04	8.6	0.1	<0.05	6	<0.5	<0.2
1213834	Soil		19	132	1.46	407	0.107	<1	3.47	0.013	0.25	0.2	<0.01	7.3	0.2	<0.05	11	<0.5	<0.2
1213835	Soil		23	75	0.90	630	0.051	2	2.74	0.010	0.09	0.1	0.02	6.0	0.2	<0.05	8	<0.5	<0.2
1213836	Soil		20	51	0.61	686	0.042	1	2.06	0.012	0.08	0.2	0.03	5.1	0.1	<0.05	8	<0.5	<0.2
1213837	Soil		25	38	0.54	490	0.035	1	1.79	0.011	0.07	0.1	0.04	4.5	0.1	<0.05	5	<0.5	<0.2
1213838	Soil		23	28	0.47	134	0.055	<1	1.58	0.009	0.13	0.1	0.02	2.8	0.1	<0.05	6	<0.5	<0.2
1213842	Soil		23	57	0.75	444	0.084	2	2.19	0.014	0.13	0.1	0.02	6.1	0.1	<0.05	7	0.5	<0.2
1213839	Soil		23	35	0.54	372	0.043	<1	1.70	0.013	0.09	0.2	0.03	3.6	0.2	<0.05	6	<0.5	<0.2
1213840	Soil		18	24	0.38	125	0.060	<1	1.36	0.008	0.10	0.1	0.01	2.5	<0.1	<0.05	7	<0.5	<0.2
1213841	Soil		23	28	0.45	133	0.049	<1	1.57	0.009	0.13	0.1	0.02	2.6	0.1	<0.05	6	<0.5	<0.2
1213829	Soil		20	52	1.31	193	0.106	<1	2.59	0.005	0.21	<0.1	0.01	4.3	0.2	<0.05	9	0.8	<0.2
1213830	Soil		23	37	0.68	246	0.059	1	1.98	0.011	0.06	0.1	0.04	5.0	<0.1	<0.05	5	0.5	<0.2
1213827	Soil		23	42	0.63	164	0.062	2	2.35	0.010	0.10	0.1	0.02	4.1	0.2	<0.05	6	0.5	<0.2
1213828	Soil		24	35	0.61	247	0.077	4	1.88	0.029	0.10	0.1	0.03	5.9	0.1	<0.05	5	<0.5	<0.2
1213825	Soil		23	28	0.45	180	0.039	2	1.67	0.011	0.09	0.1	0.02	3.7	0.1	<0.05	4	0.5	<0.2
1213826	Soil		30	30	0.62	184	0.052	1	1.78	0.014	0.09	0.1	0.03	4.3	0.1	<0.05	5	0.9	<0.2
1213824	Soil		21	28	0.46	220	0.037	2	1.73	0.009	0.07	0.2	0.01	2.9	0.1	<0.05	6	<0.5	<0.2
1213822	Soil		15	31	0.45	144	0.051	1	1.80	0.010	0.07	0.2	0.02	2.8	0.1	<0.05	7	<0.5	<0.2
1213823	Soil		10	34	0.53	183	0.069	2	2.57	0.008	0.05	0.2	0.02	3.6	0.1	<0.05	7	<0.5	<0.2
1213821	Soil		65	23	0.51	322	0.017	4	1.54	0.008	0.14	0.2	0.01	3.2	0.1	<0.05	5	0.5	<0.2
1213819	Soil		23	34	0.58	367	0.032	2	1.65	0.009	0.07	0.2	0.02	3.0	0.1	<0.05	5	<0.5	<0.2
1213820	Soil		68	26	0.55	347	0.015	3	1.63	0.008	0.14	0.2	0.02	3.1	0.1	<0.05	5	<0.5	<0.2
1213818	Soil		26	43	0.60	889	0.037	2	1.73	0.012	0.07	0.2	0.03	4.5	0.1	<0.05	5	<0.5	<0.2
1213817	Soil		24	55	0.89	764	0.052	2	1.75	0.015	0.08	0.2	0.03	4.1	0.1	<0.05	5	0.9	<0.2
1213810	Soil		27	53	0.83	716	0.060	1	2.01	0.013	0.11	0.2	0.03	4.2	0.2	<0.05	7	0.7	<0.2
1213313	Soil		22	102	0.90	424	0.040	2	1.78	0.012	0.07	0.2	0.03	5.2	0.2	<0.05	6	0.6	<0.2
1213815	Soil		24	33	0.64	455	0.045	2	1.55	0.014	0.07	0.2	0.04	3.7	0.1	0.05	5	0.7	<0.2
1213814	Soil		23	106	1.12	376	0.053	2	1.92	0.015	0.09	0.2	0.03	4.4	0.2	<0.05	6	0.7	<0.2
1213812	Soil		25	47	0.69	417	0.037	2	1.71	0.013	0.07	0.2	0.04	3.9	0.1	0.05	5	0.6	<0.2
1213811	Soil		30	111	1.22	601	0.076	2	2.18	0.013	0.16	0.2	0.04	5.8	0.2	<0.05	7	0.6	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1213816	Soil	2.4	30.7	22.7	106	0.4	33.1	13.8	532	3.39	203.3	1.8	29.5	6.7	44	0.3	0.8	0.2	54	0.52	0.128
1060557	Soil	1.0	16.4	9.2	63	<0.1	16.6	8.7	392	2.87	5.9	0.7	1.9	6.1	24	0.1	0.4	0.1	59	0.28	0.040
1060556	Soil	0.9	19.3	8.9	61	<0.1	18.4	9.6	425	2.78	6.4	1.1	3.3	6.2	26	0.1	0.4	0.1	58	0.35	0.046
1060555	Soil	1.6	19.4	11.4	65	0.2	17.0	8.5	379	2.94	5.9	1.0	3.2	5.1	32	0.1	0.4	0.2	58	0.49	0.045
1060554	Soil	1.6	22.7	10.9	74	0.2	19.3	9.4	520	3.06	6.3	1.3	3.5	5.7	39	0.2	0.5	0.3	58	0.58	0.049
1060553	Soil	1.4	21.8	12.0	72	0.1	19.0	10.0	527	3.03	6.4	1.4	1.9	6.6	34	0.2	0.4	0.4	59	0.49	0.051
1062289	Soil	3.0	54.3	15.5	90	0.8	43.5	12.8	553	2.69	68.2	2.7	10.9	2.7	76	1.0	0.9	0.2	59	1.00	0.071
1062290	Soil	1.4	34.2	16.5	85	0.9	32.3	10.1	370	2.96	85.3	1.9	14.7	3.4	33	0.4	0.7	0.2	72	0.64	0.063
1062288	Soil	2.3	45.8	15.2	115	0.3	41.1	12.9	367	3.30	100.0	1.5	6.0	4.8	35	0.5	0.9	0.3	71	0.37	0.074
1062287	Soil	2.3	48.7	20.5	115	0.6	53.1	14.2	503	3.53	102.1	1.6	10.8	5.9	41	0.5	1.0	0.2	81	0.56	0.106
1062285	Soil	1.5	42.9	18.8	88	0.1	42.7	14.5	508	3.74	52.0	1.2	3.3	5.2	21	0.2	0.8	0.2	85	0.23	0.036
1062286	Soil	1.1	32.4	25.7	60	0.3	27.6	10.3	406	2.74	43.7	1.4	4.2	5.0	33	0.2	0.6	0.2	60	0.43	0.053
1062284	Soil	2.8	60.2	28.2	100	0.2	45.1	12.6	626	3.61	93.8	0.9	7.7	5.6	22	0.3	1.3	0.2	74	0.19	0.044
1062283	Soil	1.8	35.4	40.8	85	0.3	33.9	10.9	374	3.17	60.2	1.5	8.8	8.1	28	0.2	0.8	0.2	59	0.32	0.040
1062282	Soil	1.2	36.4	23.9	81	0.4	37.6	11.8	621	3.06	77.7	1.4	6.6	7.9	38	0.3	0.8	0.2	54	0.48	0.051
1062281	Soil	1.8	30.4	25.4	84	0.5	28.0	8.9	312	2.78	68.9	1.0	7.7	7.4	23	0.3	0.6	0.2	59	0.24	0.037
1062280	Soil	2.9	33.3	26.7	122	0.4	30.1	9.0	453	3.00	61.2	0.8	4.7	2.5	18	1.3	0.6	0.2	82	0.11	0.046
1062279	Soil	1.9	40.3	44.5	125	0.5	39.7	13.2	668	3.64	139.2	1.3	25.6	10.7	25	0.5	0.8	0.2	60	0.26	0.048
1062297	Soil	1.3	46.3	241.7	480	1.5	28.3	13.2	486	3.21	432.6	1.5	89.4	4.9	50	3.2	0.9	0.3	48	0.70	0.060
1062298	Soil	1.1	36.3	79.5	236	0.6	29.2	12.3	382	2.87	199.7	1.3	28.0	5.4	42	1.3	0.8	0.2	46	1.13	0.055
1062299	Soil	0.7	26.7	41.4	142	0.3	25.3	9.7	855	2.14	195.6	1.5	25.8	2.3	63	1.2	0.7	0.2	34	2.06	0.065
1062300	Soil	0.5	24.7	36.5	103	0.3	24.7	8.6	279	2.36	81.0	1.2	26.3	2.9	51	0.6	0.6	0.2	37	1.61	0.061
1060552	Soil	1.9	21.2	10.8	71	0.1	17.9	9.5	538	2.92	5.8	1.6	3.2	5.4	36	0.2	0.4	0.4	55	0.54	0.058
1060551	Soil	1.3	18.4	10.3	65	<0.1	17.0	9.3	354	2.84	7.1	1.1	3.8	4.9	30	0.2	0.4	0.7	57	0.42	0.050
1062295	Soil	1.3	42.8	203.9	545	1.0	34.3	13.3	547	3.42	317.6	1.9	58.2	5.3	61	3.4	0.9	0.4	51	0.74	0.057
1062296	Soil	1.3	31.1	89.6	191	0.5	27.2	14.1	461	3.07	243.5	1.6	43.3	4.4	37	1.3	0.6	0.3	51	0.49	0.059
1062294	Soil	1.5	55.3	1125	1665	4.0	31.5	13.5	2396	3.70	450.4	1.6	96.2	1.6	58	23.0	0.8	0.3	38	0.74	0.068
1062293	Soil	1.6	34.9	82.0	148	0.7	30.0	24.3	2275	3.23	1246	1.1	136.4	3.4	27	1.1	0.9	0.3	43	0.23	0.072
1062292	Soil	1.8	47.2	118.7	158	1.3	29.3	19.5	1668	3.11	1072	1.9	192.7	3.5	26	1.2	0.9	0.3	42	0.21	0.068
1062291	Soil	0.5	20.7	15.8	85	0.2	17.4	7.7	290	1.85	16.4	1.6	4.0	3.4	38	0.4	0.4	0.2	43	0.75	0.057

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

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

Project: FLU
Report Date: November 11, 2011

CERTIFICATE OF ANALYSIS WHI11001816.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1213816	Soil	29	49	0.86	688	0.064	2	1.88	0.020	0.09	0.3	0.04	4.4	0.1	<0.05	6	0.9	<0.2
1060557	Soil	16	30	0.61	179	0.087	<1	1.87	0.014	0.06	0.1	0.03	3.6	<0.1	<0.05	7	<0.5	<0.2
1060556	Soil	19	31	0.59	240	0.073	<1	1.84	0.013	0.05	0.1	0.03	4.2	<0.1	<0.05	6	<0.5	<0.2
1060555	Soil	17	29	0.61	230	0.067	<1	2.09	0.013	0.07	0.2	0.03	3.9	<0.1	<0.05	7	<0.5	<0.2
1060554	Soil	17	31	0.58	283	0.064	<1	2.14	0.015	0.06	0.2	0.05	4.5	<0.1	<0.05	7	<0.5	<0.2
1060553	Soil	20	32	0.61	268	0.070	1	2.11	0.014	0.06	0.1	0.04	4.7	<0.1	<0.05	7	<0.5	<0.2
1062289	Soil	17	48	0.66	1071	0.044	2	1.62	0.012	0.10	0.2	0.06	3.7	0.1	0.09	5	1.2	<0.2
1062290	Soil	24	44	0.68	750	0.044	1	1.91	0.012	0.08	0.2	0.05	4.1	0.1	0.06	6	0.5	<0.2
1062288	Soil	19	61	0.77	1506	0.085	<1	1.84	0.021	0.11	0.2	0.02	3.8	0.2	<0.05	6	0.8	<0.2
1062287	Soil	22	157	1.00	1093	0.089	<1	1.95	0.021	0.13	0.2	0.02	4.5	0.2	<0.05	6	0.7	<0.2
1062285	Soil	24	57	1.12	462	0.072	<1	2.18	0.009	0.13	<0.1	0.02	5.3	0.1	<0.05	7	0.5	<0.2
1062286	Soil	19	45	0.65	418	0.067	<1	1.74	0.021	0.06	0.2	0.03	4.4	<0.1	<0.05	5	<0.5	<0.2
1062284	Soil	18	54	0.92	456	0.035	<1	2.05	0.007	0.10	<0.1	0.02	3.5	0.1	<0.05	6	0.7	<0.2
1062283	Soil	27	45	0.71	715	0.047	<1	1.90	0.014	0.07	0.1	0.02	4.2	0.1	<0.05	6	<0.5	<0.2
1062282	Soil	26	49	0.68	1065	0.057	<1	1.78	0.016	0.08	0.1	0.03	4.7	0.1	<0.05	5	<0.5	<0.2
1062281	Soil	21	45	0.63	560	0.050	<1	1.79	0.011	0.06	0.2	0.02	3.3	0.1	<0.05	6	<0.5	<0.2
1062280	Soil	17	39	0.53	297	0.040	<1	1.68	0.010	0.07	0.2	0.02	2.3	0.1	<0.05	6	0.6	<0.2
1062279	Soil	31	61	0.99	565	0.051	<1	2.21	0.009	0.13	0.1	0.03	3.8	0.2	<0.05	7	0.6	<0.2
1062297	Soil	22	34	0.76	224	0.041	1	1.81	0.012	0.09	0.2	0.06	4.3	0.1	0.06	5	0.8	<0.2
1062298	Soil	22	31	0.69	216	0.040	1	1.82	0.013	0.06	0.2	0.05	4.0	0.1	0.07	5	0.7	<0.2
1062299	Soil	17	25	0.57	278	0.032	3	1.34	0.012	0.05	0.1	0.04	3.1	<0.1	0.12	4	0.8	<0.2
1062300	Soil	17	27	0.53	266	0.031	2	1.42	0.013	0.04	0.1	0.06	3.2	<0.1	0.13	4	0.7	<0.2
1060552	Soil	20	30	0.60	285	0.067	<1	2.01	0.015	0.07	0.1	0.04	4.5	<0.1	<0.05	7	<0.5	<0.2
1060551	Soil	18	28	0.58	279	0.067	1	1.84	0.014	0.06	0.2	0.04	3.9	<0.1	<0.05	6	<0.5	<0.2
1062295	Soil	23	39	0.88	211	0.051	1	1.94	0.013	0.08	7.0	0.04	4.7	0.1	0.05	5	0.8	<0.2
1062296	Soil	23	32	0.65	234	0.040	1	1.83	0.011	0.07	0.2	0.05	4.0	0.1	0.05	5	0.6	<0.2
1062294	Soil	15	25	0.47	341	0.023	3	1.39	0.012	0.05	0.2	0.14	3.3	0.1	<0.05	4	1.2	<0.2
1062293	Soil	16	30	0.49	192	0.031	2	1.38	0.010	0.07	0.2	0.03	2.7	0.1	<0.05	4	1.2	<0.2
1062292	Soil	17	34	0.51	123	0.039	1	1.51	0.009	0.09	0.1	0.06	3.1	0.1	<0.05	5	0.6	<0.2
1062291	Soil	17	25	0.52	287	0.030	2	1.48	0.014	0.04	0.2	0.06	3.3	<0.1	0.09	5	0.5	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1257609	Soil	0.7	18.4	7.3	54	<0.1	15.9	8.5	375	2.60	5.1	0.9	3.3	5.8	21	<0.1	0.3	0.1	48	0.34	0.042
1257608	Soil	0.6	16.1	8.2	58	<0.1	14.9	9.8	477	2.85	4.8	0.7	2.7	6.3	18	<0.1	0.3	0.2	50	0.29	0.042
1257610	Soil	0.7	12.9	8.8	51	<0.1	12.1	8.5	405	2.62	5.0	0.6	1.1	5.6	18	<0.1	0.3	0.2	46	0.31	0.047
1257606	Soil	0.9	16.3	10.1	55	<0.1	17.0	10.5	449	3.14	7.0	0.8	<0.5	6.7	15	<0.1	0.3	0.2	60	0.18	0.026
1257605	Soil	0.9	18.7	10.7	62	<0.1	19.3	9.9	678	3.16	6.7	0.8	<0.5	6.1	13	0.1	0.4	0.2	57	0.19	0.040
1257607	Soil	0.8	16.6	9.1	55	<0.1	15.9	9.6	439	2.97	5.8	0.8	1.7	5.7	14	<0.1	0.4	0.2	60	0.20	0.035
1257602	Soil	0.8	21.5	11.9	56	<0.1	18.4	9.7	506	2.89	7.1	1.5	1.9	6.3	23	<0.1	0.3	0.2	56	0.31	0.034
1257604	Soil	0.9	14.2	8.0	52	<0.1	12.3	8.0	549	2.50	5.3	0.8	1.5	1.8	13	<0.1	0.3	0.1	47	0.16	0.049
1257603	Soil	1.2	11.9	10.6	36	<0.1	11.2	4.6	183	2.52	5.4	0.5	<0.5	1.8	8	0.1	0.5	0.2	59	0.06	0.025
1257601	Soil	1.3	8.4	7.4	37	<0.1	6.9	3.9	159	1.92	4.8	0.4	1.7	2.4	10	<0.1	0.3	0.2	57	0.09	0.019
1257617	Soil	0.9	19.6	22.8	84	0.3	14.3	7.6	345	2.55	17.0	1.0	7.7	2.5	23	0.2	0.3	0.2	48	0.29	0.049
1257615	Soil	1.1	28.8	30.2	179	0.1	13.2	7.6	418	2.84	7.9	1.9	9.3	4.5	32	0.3	0.4	0.2	48	0.43	0.053
1257619	Soil	1.0	21.6	17.0	171	0.3	16.7	10.4	813	2.49	86.6	1.2	8.8	2.3	42	0.6	0.4	0.2	48	0.50	0.060
1257620	Soil	1.1	31.6	21.2	217	0.4	22.6	15.0	1200	2.77	116.0	1.2	10.3	4.8	30	0.6	0.6	0.2	45	0.37	0.066
1257612	Soil	0.6	12.8	8.4	73	<0.1	11.5	8.0	474	2.74	4.9	1.4	1.7	5.1	29	<0.1	0.4	0.1	47	0.42	0.050
1257611	Soil	0.7	13.1	8.8	58	<0.1	12.6	8.7	569	2.94	4.9	0.8	1.3	6.2	21	0.1	0.3	0.2	49	0.35	0.052
1257616	Soil	1.1	18.7	16.1	100	0.2	12.7	12.7	888	3.00	14.5	1.6	9.2	4.1	23	0.3	0.4	0.2	51	0.29	0.058
1257613	Soil	0.9	15.0	9.9	57	<0.1	14.3	7.4	297	2.62	6.1	1.0	1.7	4.6	34	<0.1	0.3	0.1	50	0.47	0.040
1257618	Soil	0.8	21.5	16.4	104	0.2	13.7	8.2	533	2.48	17.0	1.3	2.9	2.4	54	0.4	0.3	0.2	45	0.86	0.051
1257614	Soil	1.2	60.8	46.8	653	0.2	9.7	5.5	387	3.00	4.3	2.0	2.9	3.9	40	0.4	0.3	0.2	37	0.39	0.049
1257626	Soil	2.7	58.2	67.2	83	2.5	39.5	8.3	289	2.10	161.9	5.1	19.7	0.7	63	1.7	0.8	0.2	33	0.64	0.094
1257624	Soil	1.1	26.2	14.8	55	0.2	16.3	10.7	538	2.49	83.7	1.6	10.6	2.4	16	0.4	0.5	0.2	53	0.20	0.059
1257622	Soil	1.1	18.0	19.5	58	0.2	17.3	12.0	436	2.58	152.5	0.9	9.8	2.7	16	0.3	0.5	0.2	57	0.19	0.056
1257625	Soil	0.7	14.0	25.6	67	0.2	16.1	6.8	222	2.06	44.8	0.9	8.0	5.0	19	0.2	0.5	0.2	47	0.29	0.064
1257630	Soil	1.8	28.4	27.3	75	0.4	26.5	8.6	249	2.59	109.5	1.4	7.8	5.2	23	0.2	0.8	0.1	52	0.26	0.041
1257633	Soil	1.4	31.0	45.0	81	0.3	31.9	10.5	313	2.87	73.9	1.2	5.2	7.6	18	0.2	0.6	0.1	53	0.23	0.047
1257631	Soil	2.0	35.5	31.7	98	0.3	33.6	11.7	358	3.01	201.6	1.2	9.7	5.0	22	0.4	1.1	0.2	58	0.22	0.046
1257632	Soil	1.5	35.6	56.0	96	0.2	34.0	12.7	479	3.23	195.5	1.2	7.7	9.4	16	0.3	1.2	0.2	43	0.19	0.053
1257634	Soil	1.8	34.3	74.1	106	0.6	30.2	9.3	328	2.64	152.5	1.5	7.6	3.6	24	0.5	0.8	0.2	48	0.19	0.048
1257628	Soil	1.5	30.8	34.9	86	0.4	26.2	8.8	263	2.58	130.8	1.6	7.5	6.2	24	0.2	0.9	0.1	48	0.29	0.065

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1257609	Soil	18	22	0.60	238	0.068	1	1.47	0.013	0.08	0.2	<0.01	3.6	<0.1	<0.05	5	<0.5	<0.2
1257608	Soil	17	22	0.62	254	0.048	3	1.80	0.018	0.09	0.1	0.01	3.3	<0.1	<0.05	5	<0.5	<0.2
1257610	Soil	15	18	0.53	252	0.051	2	1.55	0.011	0.09	0.1	0.02	2.8	<0.1	<0.05	5	<0.5	<0.2
1257606	Soil	17	26	0.56	240	0.041	3	2.06	0.010	0.08	0.1	0.03	4.2	<0.1	<0.05	6	<0.5	<0.2
1257605	Soil	17	27	0.60	263	0.044	3	1.91	0.010	0.10	0.1	0.02	3.9	0.1	<0.05	6	<0.5	<0.2
1257607	Soil	16	24	0.60	224	0.053	3	1.99	0.010	0.09	0.2	0.02	3.7	0.1	<0.05	7	<0.5	<0.2
1257602	Soil	18	30	0.55	518	0.031	4	1.98	0.014	0.08	0.1	0.03	6.3	0.1	<0.05	6	<0.5	<0.2
1257604	Soil	15	21	0.47	179	0.035	3	1.52	0.010	0.07	0.1	0.03	2.7	<0.1	<0.05	6	<0.5	<0.2
1257603	Soil	10	19	0.25	106	0.026	3	1.51	0.009	0.05	0.1	0.03	2.0	<0.1	<0.05	7	<0.5	<0.2
1257601	Soil	11	14	0.29	103	0.047	2	1.12	0.009	0.06	0.1	0.03	2.2	<0.1	<0.05	7	<0.5	<0.2
1257617	Soil	13	22	0.50	274	0.026	2	1.72	0.010	0.06	0.2	0.03	3.7	<0.1	<0.05	6	0.6	<0.2
1257615	Soil	17	22	0.52	264	0.039	2	1.69	0.018	0.08	0.1	0.03	4.3	<0.1	<0.05	5	<0.5	<0.2
1257619	Soil	15	23	0.48	317	0.027	2	1.65	0.011	0.06	0.2	0.05	3.8	<0.1	<0.05	5	0.7	<0.2
1257620	Soil	17	26	0.58	211	0.046	1	1.51	0.016	0.08	0.2	0.04	3.7	<0.1	<0.05	4	<0.5	<0.2
1257612	Soil	16	20	0.58	278	0.053	3	1.64	0.012	0.09	0.1	0.02	4.0	<0.1	<0.05	5	0.5	<0.2
1257611	Soil	17	21	0.59	316	0.054	4	1.71	0.017	0.11	0.1	0.02	4.1	<0.1	<0.05	5	<0.5	<0.2
1257616	Soil	17	21	0.51	276	0.025	2	1.95	0.010	0.08	0.1	0.05	4.6	0.1	<0.05	6	<0.5	<0.2
1257613	Soil	16	23	0.54	293	0.052	2	1.83	0.015	0.07	0.2	0.02	4.2	<0.1	<0.05	6	0.6	<0.2
1257618	Soil	13	20	0.51	334	0.027	2	1.76	0.012	0.06	0.2	0.04	4.7	<0.1	<0.05	5	0.7	<0.2
1257614	Soil	14	17	0.52	229	0.028	2	1.54	0.012	0.14	0.2	0.02	4.0	0.1	<0.05	5	<0.5	<0.2
1257626	Soil	19	23	0.34	1948	0.021	3	1.50	0.013	0.06	0.2	0.11	3.7	<0.1	0.10	3	2.3	<0.2
1257624	Soil	21	30	0.42	193	0.044	2	1.46	0.011	0.05	0.3	0.05	3.0	0.1	<0.05	5	0.7	<0.2
1257622	Soil	14	31	0.46	135	0.044	2	1.47	0.010	0.06	0.2	0.03	2.7	0.1	<0.05	5	0.7	<0.2
1257625	Soil	15	27	0.49	137	0.059	2	1.24	0.015	0.06	0.3	0.04	2.4	<0.1	<0.05	4	<0.5	<0.2
1257630	Soil	16	39	0.55	348	0.067	1	1.52	0.017	0.07	0.2	0.04	3.7	0.1	<0.05	4	0.6	<0.2
1257633	Soil	19	59	0.76	198	0.098	1	1.77	0.011	0.21	<0.1	0.02	2.8	0.2	<0.05	5	<0.5	<0.2
1257631	Soil	15	38	0.55	386	0.056	1	1.77	0.010	0.07	0.2	0.02	3.4	<0.1	<0.05	5	0.7	<0.2
1257632	Soil	19	39	0.61	334	0.067	1	1.75	0.009	0.19	0.1	0.02	3.4	0.2	<0.05	5	0.7	<0.2
1257634	Soil	17	42	0.54	258	0.054	1	1.67	0.011	0.10	<0.1	0.03	2.9	0.1	<0.05	5	0.9	<0.2
1257628	Soil	18	35	0.58	429	0.066	1	1.55	0.011	0.12	0.1	0.03	3.6	<0.1	<0.05	4	0.9	<0.2

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1257629	Soil	1.7	28.6	34.8	90	0.4	25.4	9.8	290	2.76	138.1	1.7	6.5	7.0	24	0.3	0.8	0.1	51	0.30	0.075
1257627	Soil	2.3	40.3	97.1	85	1.2	28.1	8.0	298	2.57	167.1	2.3	9.6	3.3	30	0.5	0.9	0.3	51	0.30	0.047
1257623	Soil	1.0	21.4	23.2	70	0.3	23.0	18.3	1013	2.98	199.7	1.0	17.6	3.4	19	0.3	0.9	0.2	45	0.20	0.053
1257621	Soil	1.3	19.8	23.4	81	0.2	25.5	11.8	287	2.72	154.5	1.0	12.5	4.7	22	0.3	0.6	0.2	55	0.31	0.074
1065972	Soil	2.6	28.7	16.0	77	0.2	33.1	12.7	375	3.33	113.2	1.0	5.2	4.6	16	0.4	0.8	0.3	71	0.16	0.036
1065969	Soil	1.3	31.1	24.8	98	0.2	27.8	13.5	539	2.98	261.9	1.3	29.5	3.9	19	0.4	0.8	0.2	55	0.23	0.076
1257623	Soil	2.6	30.8	20.4	65	0.2	26.1	8.2	259	2.99	62.7	1.2	6.9	1.5	16	0.2	0.9	0.3	59	0.15	0.046
1065967	Soil	1.8	27.5	29.7	73	0.2	29.2	12.0	375	3.94	865.8	0.8	86.2	2.9	17	0.5	0.9	0.2	73	0.13	0.047
1065964	Soil	1.4	31.4	20.9	75	0.1	31.8	12.7	420	3.17	129.8	1.5	13.2	9.1	20	0.2	0.7	0.2	61	0.22	0.040
1065968	Soil	2.1	39.3	20.4	114	0.2	41.8	17.9	598	4.17	463.8	1.1	21.4	3.6	39	0.4	1.0	0.2	76	0.46	0.112
1065970	Soil	1.6	29.6	28.4	62	0.2	26.5	10.3	370	3.00	275.0	1.3	30.1	5.3	21	<0.1	0.8	0.3	59	0.23	0.047
1065965	Soil	0.9	26.7	16.2	80	<0.1	25.0	13.2	426	3.84	44.3	1.8	2.0	10.7	21	0.1	0.5	0.2	56	0.31	0.093
1065973	Soil	1.9	23.3	14.8	65	0.7	29.0	11.9	345	3.26	132.4	0.8	10.3	3.8	17	0.2	0.8	0.3	62	0.15	0.038
1065966	Soil	1.5	32.6	13.6	75	0.2	31.3	11.3	363	3.19	78.4	2.0	13.1	5.9	19	0.2	0.7	0.2	70	0.17	0.029
1065954	Soil	1.8	43.3	17.6	91	0.4	30.6	8.1	277	2.68	124.3	1.0	9.6	0.6	14	1.7	0.8	0.2	54	0.14	0.211
1065962	Soil	2.7	38.6	17.1	74	0.5	26.4	8.3	451	2.91	694.6	1.1	23.3	0.9	23	0.3	1.3	0.3	54	0.20	0.051
1065957	Soil	1.7	31.4	22.3	78	<0.1	32.5	16.0	699	3.86	124.3	1.1	8.4	8.2	14	0.2	0.7	0.3	54	0.16	0.049
1140446	Soil	1.1	27.0	12.7	68	0.2	28.4	12.0	504	3.15	134.5	1.2	33.8	5.0	19	0.1	0.7	0.2	63	0.20	0.034
1065963	Soil	5.7	49.7	33.7	102	0.2	32.5	7.1	230	3.14	853.1	1.0	11.6	2.2	28	0.3	2.3	0.5	64	0.08	0.034
1065961	Soil	2.5	59.5	29.4	97	0.9	34.8	14.8	874	3.63	456.0	3.1	19.5	2.9	26	0.7	1.5	0.4	37	0.18	0.135
1065960	Soil	1.1	26.7	15.9	78	0.5	12.7	4.2	869	1.93	123.4	0.9	14.6	0.2	21	0.4	0.4	0.2	33	0.23	0.094
1065958	Soil	2.4	44.5	30.1	100	0.2	39.5	20.6	1249	4.30	485.7	1.6	173.8	10.8	14	0.2	1.2	0.4	43	0.17	0.064
1065959	Soil	2.3	45.2	29.6	97	0.2	38.6	20.2	1193	4.26	484.0	1.6	60.2	10.4	14	0.2	1.1	0.4	44	0.16	0.061
1065956	Soil	1.8	33.0	17.0	73	<0.1	32.3	15.0	657	3.26	116.9	1.0	16.7	6.8	17	0.2	0.7	0.2	51	0.17	0.046
1065955	Soil	1.5	29.8	14.8	79	0.2	25.9	9.9	336	2.61	145.2	1.0	12.6	2.5	18	0.5	0.9	0.2	46	0.18	0.069
1140449	Soil	1.6	23.8	15.5	80	0.5	21.8	10.8	747	2.95	225.4	1.2	24.7	1.6	17	0.5	0.6	0.3	67	0.15	0.051
1140445	Soil	1.0	24.5	10.5	60	0.1	25.3	9.9	342	2.73	101.0	1.1	17.3	5.3	19	<0.1	0.7	0.2	54	0.22	0.031
1140447	Soil	1.0	25.6	11.8	72	0.1	29.9	10.0	378	2.86	137.7	1.2	18.0	4.1	16	0.2	0.8	0.2	60	0.18	0.037
1065953	Soil	1.1	19.3	10.7	45	<0.1	17.6	7.5	208	2.79	79.3	0.6	4.0	1.0	14	0.1	0.5	0.2	69	0.18	0.095
1140448	Soil	1.1	51.7	15.8	118	0.1	71.2	23.5	717	4.35	193.5	1.5	21.6	4.7	28	0.3	1.6	0.2	64	0.54	0.133

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

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

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1257629	Soil	19	38	0.63	456	0.070	1	1.62	0.013	0.15	0.2	0.03	3.6	0.1	<0.05	5	1.3	<0.2
1257627	Soil	14	32	0.44	958	0.047	2	1.77	0.013	0.07	0.2	0.08	3.6	<0.1	<0.05	6	1.2	<0.2
1257623	Soil	15	30	0.50	360	0.036	1	1.35	0.010	0.06	0.3	0.05	2.6	<0.1	<0.05	4	0.9	<0.2
1257621	Soil	19	40	0.66	163	0.050	2	1.62	0.011	0.08	0.3	0.04	3.9	0.1	<0.05	5	0.9	<0.2
1065972	Soil	14	40	0.58	204	0.069	2	2.46	0.010	0.10	0.2	0.04	4.7	0.1	<0.05	6	0.5	<0.2
1065969	Soil	26	37	0.61	431	0.047	<1	1.81	0.013	0.08	0.1	0.02	4.5	0.1	<0.05	5	<0.5	<0.2
1257623	Soil	14	31	0.44	220	0.048	1	1.60	0.009	0.05	0.2	0.04	3.5	<0.1	<0.05	5	0.8	<0.2
1065967	Soil	11	41	0.52	384	0.052	1	2.29	0.011	0.05	0.3	0.04	4.0	<0.1	<0.05	6	0.9	<0.2
1065964	Soil	42	57	0.78	370	0.068	1	2.00	0.015	0.10	0.2	0.02	4.8	0.1	<0.05	5	1.0	<0.2
1065968	Soil	20	60	0.95	1020	0.067	1	2.29	0.026	0.06	0.2	0.02	5.1	<0.1	<0.05	6	0.9	<0.2
1065970	Soil	24	32	0.54	499	0.050	2	1.96	0.011	0.07	0.3	0.03	4.8	0.1	<0.05	5	0.7	<0.2
1065965	Soil	47	35	0.89	334	0.102	<1	2.44	0.010	0.28	0.1	0.03	4.5	0.3	<0.05	6	0.5	<0.2
1065973	Soil	11	35	0.48	154	0.065	2	2.66	0.010	0.06	0.2	0.07	3.4	<0.1	<0.05	6	0.7	<0.2
1065966	Soil	20	48	0.60	547	0.067	1	2.35	0.010	0.06	0.1	0.05	5.7	0.1	<0.05	6	<0.5	<0.2
1065954	Soil	14	27	0.29	372	0.033	<1	1.72	0.010	0.06	0.2	0.04	2.7	0.2	<0.05	6	0.6	<0.2
1065962	Soil	14	26	0.39	339	0.033	<1	1.49	0.009	0.07	0.1	0.02	2.4	<0.1	<0.05	6	0.7	<0.2
1065957	Soil	25	43	0.64	161	0.054	1	2.26	0.007	0.13	0.1	0.03	4.0	0.2	<0.05	6	<0.5	<0.2
1140446	Soil	21	40	0.57	313	0.047	<1	2.08	0.014	0.07	0.2	0.03	5.0	0.1	<0.05	6	<0.5	<0.2
1065963	Soil	17	20	0.24	146	0.038	<1	1.10	0.005	0.06	<0.1	0.02	2.1	<0.1	<0.05	6	0.6	<0.2
1065961	Soil	34	23	0.30	297	0.028	2	1.76	0.018	0.11	0.2	0.04	4.7	0.1	<0.05	4	0.6	<0.2
1065960	Soil	12	19	0.15	164	0.018	1	1.13	0.016	0.08	<0.1	0.04	1.2	<0.1	<0.05	4	<0.5	<0.2
1065958	Soil	39	41	0.76	166	0.053	1	1.85	0.006	0.21	0.1	0.03	3.4	0.2	<0.05	5	0.7	<0.2
1065959	Soil	39	39	0.73	165	0.053	1	1.84	0.006	0.21	0.1	0.03	3.7	0.2	<0.05	5	<0.5	<0.2
1065956	Soil	25	38	0.56	152	0.046	<1	1.94	0.009	0.08	0.1	0.03	3.8	0.1	<0.05	5	<0.5	<0.2
1065955	Soil	21	28	0.36	224	0.038	1	1.53	0.009	0.06	0.1	0.03	3.0	0.1	<0.05	5	<0.5	<0.2
1140449	Soil	17	30	0.36	247	0.045	1	1.89	0.011	0.06	0.2	0.02	3.3	0.1	<0.05	7	<0.5	<0.2
1140445	Soil	19	36	0.55	260	0.053	1	1.83	0.010	0.06	0.1	0.03	4.5	0.1	<0.05	5	<0.5	<0.2
1140447	Soil	21	36	0.49	256	0.041	<1	1.80	0.009	0.07	0.2	0.02	4.7	0.1	<0.05	5	<0.5	<0.2
1065953	Soil	14	33	0.40	161	0.057	<1	1.61	0.009	0.05	0.1	0.02	2.7	<0.1	<0.05	7	<0.5	<0.2
1140448	Soil	26	59	0.66	926	0.052	2	1.81	0.015	0.12	0.2	0.03	7.8	0.1	<0.05	6	1.0	<0.2

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

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

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1065952	Soil	2.1	27.7	14.2	63	<0.1	26.2	14.4	572	3.78	244.4	0.8	16.6	4.9	12	0.3	1.0	0.3	66	0.10	0.036
1065951	Soil	1.3	33.1	12.6	79	<0.1	28.2	10.7	421	3.11	71.1	1.6	10.1	5.4	19	<0.1	0.7	0.2	65	0.17	0.035
1140442	Soil	0.6	31.5	12.0	64	0.2	27.3	9.9	452	2.32	109.0	1.1	19.2	2.1	63	0.4	0.9	0.2	42	1.51	0.059
1140441	Soil	0.6	25.1	11.9	73	0.2	24.9	9.2	488	2.18	70.5	1.0	8.3	1.7	66	0.5	0.8	0.2	43	1.54	0.051
1140444	Soil	1.8	38.2	15.3	104	0.2	34.8	10.1	356	2.93	540.5	1.4	56.6	5.7	25	0.4	2.3	0.3	41	0.24	0.056
1140443	Soil	1.3	34.6	13.6	79	0.3	33.6	11.7	592	2.83	273.9	1.7	42.9	4.2	36	0.2	1.4	0.2	50	0.78	0.048
1257662	Soil	0.9	15.5	22.2	60	0.2	15.9	6.4	159	2.02	31.4	0.8	4.7	2.2	19	<0.1	0.3	0.2	47	0.23	0.061
1257664	Soil	2.7	41.8	24.3	108	0.5	33.5	10.1	310	2.83	134.3	1.9	8.1	4.0	30	0.4	1.1	0.2	62	0.26	0.055
1257666	Soil	2.5	29.4	25.4	98	0.2	27.2	7.9	243	2.86	137.5	1.3	4.2	3.3	21	0.4	1.0	0.2	59	0.15	0.040
1257648	Soil	1.4	17.3	11.2	101	0.2	10.9	9.8	614	3.02	9.1	1.2	5.1	3.7	54	0.2	0.3	0.2	43	0.66	0.068
1257667	Soil	2.9	47.4	26.9	139	0.3	44.1	12.2	322	3.21	260.7	2.0	6.0	4.9	27	0.6	1.6	0.2	57	0.26	0.080
1257649	Soil	1.1	17.4	16.1	122	0.1	9.9	9.4	412	3.07	5.8	1.0	2.4	3.8	30	0.1	0.3	0.2	46	0.37	0.066
1257644	Soil	0.8	18.4	8.8	59	0.1	13.6	8.7	545	2.91	4.9	1.2	<0.5	5.1	38	0.2	0.4	0.3	51	0.55	0.044
1257665	Soil	2.8	45.3	28.1	119	0.3	33.0	9.3	242	2.94	163.4	2.0	3.4	4.9	28	0.5	1.4	0.2	54	0.22	0.059
1257661	Soil	0.7	22.2	27.8	74	0.2	17.3	8.0	260	2.35	44.7	1.4	174.2	6.8	18	0.2	0.5	0.2	50	0.25	0.064
1257663	Soil	2.7	29.9	28.0	85	0.8	25.8	7.6	245	2.57	87.5	1.4	3.5	4.1	28	0.4	0.8	0.3	60	0.23	0.055
1257637	Soil	1.0	15.2	10.1	78	<0.1	17.0	11.4	707	3.62	6.9	1.0	1.5	6.4	14	0.2	0.4	0.3	63	0.14	0.037
1257639	Soil	0.9	11.5	7.2	33	0.1	9.1	3.7	125	1.58	3.2	0.5	2.1	1.1	15	0.1	0.3	0.2	45	0.14	0.029
1257636	Soil	1.3	16.5	11.5	43	0.2	10.3	4.3	184	2.09	4.4	0.9	1.8	0.9	19	0.3	0.3	0.3	49	0.18	0.045
1257641	Soil	0.8	13.6	6.0	20	0.1	5.1	2.3	68	1.18	1.6	0.4	2.2	0.5	7	<0.1	0.3	0.2	42	0.06	0.026
1257642	Soil	0.7	17.6	8.4	54	<0.1	14.8	9.1	431	2.76	4.5	1.2	1.5	6.1	23	0.1	0.3	0.2	48	0.32	0.048
1257643	Soil	0.9	22.4	10.2	58	0.2	14.6	8.6	579	2.81	5.2	1.4	1.9	3.1	46	0.3	0.4	0.3	47	0.64	0.061
1257650	Soil	1.4	19.3	20.0	85	0.4	12.0	7.0	287	2.38	68.8	1.2	13.1	2.0	31	0.2	0.4	0.2	40	0.34	0.059
1257647	Soil	2.1	16.6	19.2	107	0.6	10.4	7.2	427	3.17	7.5	1.4	219.8	4.3	56	0.3	0.3	0.8	35	0.43	0.055
1257638	Soil	1.1	11.8	7.3	43	<0.1	9.1	6.8	383	2.88	4.2	1.0	<0.5	2.4	15	0.2	0.3	0.2	52	0.16	0.045
1257646	Soil	0.8	19.3	9.0	59	0.2	16.3	8.5	419	2.82	5.8	1.3	3.6	4.2	43	0.2	0.4	0.2	54	0.61	0.049
1257640	Soil	0.9	15.2	6.7	47	<0.1	9.6	6.8	339	2.36	3.5	0.8	<0.5	2.8	15	0.2	0.3	0.2	44	0.16	0.044
1257645	Soil	0.7	14.1	8.1	54	<0.1	12.0	7.2	388	2.56	4.5	0.9	2.3	5.2	34	<0.1	0.3	0.2	47	0.50	0.047
1257654	Soil	0.9	15.3	12.8	49	0.2	16.6	5.4	142	2.38	89.8	0.8	13.9	2.0	14	0.2	0.4	0.2	44	0.17	0.047
1257660	Soil	1.0	29.6	16.8	70	0.2	21.4	10.1	252	3.33	250.5	1.5	84.5	4.9	19	0.3	0.6	0.2	62	0.23	0.064

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Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1065952	Soil	23	41	0.54	137	0.038	1	2.40	0.007	0.08	0.1	0.02	4.1	0.1	<0.05	7	<0.5	<0.2
1065951	Soil	19	38	0.56	227	0.059	1	2.31	0.010	0.07	0.2	0.05	8.3	0.1	<0.05	6	<0.5	<0.2
1140442	Soil	16	25	0.40	312	0.032	2	1.48	0.015	0.05	0.3	0.05	3.4	<0.1	0.06	4	0.5	<0.2
1140441	Soil	13	23	0.41	284	0.033	2	1.45	0.016	0.05	0.3	0.05	3.2	<0.1	0.06	4	<0.5	<0.2
1140444	Soil	27	25	0.35	369	0.020	2	1.55	0.008	0.08	1.1	0.02	3.4	0.1	<0.05	4	<0.5	<0.2
1140443	Soil	21	30	0.41	718	0.031	1	1.81	0.014	0.07	0.6	0.04	4.9	0.1	<0.05	5	<0.5	<0.2
1257662	Soil	15	30	0.44	138	0.050	1	1.32	0.017	0.06	0.3	0.05	2.5	0.1	<0.05	5	<0.5	<0.2
1257664	Soil	16	41	0.63	341	0.066	1	1.92	0.014	0.10	0.1	0.04	4.0	0.1	<0.05	5	0.6	<0.2
1257666	Soil	14	35	0.52	229	0.056	2	1.54	0.010	0.08	0.1	0.01	2.6	0.1	<0.05	5	0.7	<0.2
1257648	Soil	14	16	0.58	318	0.036	3	1.47	0.014	0.08	0.2	0.05	4.1	<0.1	<0.05	5	0.5	<0.2
1257667	Soil	16	50	0.68	328	0.074	2	1.57	0.011	0.15	0.1	0.02	3.0	0.2	<0.05	5	1.3	<0.2
1257649	Soil	13	16	0.59	248	0.033	2	1.58	0.012	0.08	0.2	0.04	3.9	<0.1	<0.05	5	<0.5	<0.2
1257644	Soil	20	22	0.54	387	0.041	2	1.99	0.013	0.09	0.1	0.02	4.2	<0.1	<0.05	6	0.7	<0.2
1257665	Soil	16	36	0.64	280	0.058	<1	1.52	0.011	0.11	0.1	0.02	2.8	0.1	<0.05	5	1.1	<0.2
1257661	Soil	20	34	0.59	170	0.058	2	1.60	0.013	0.06	0.3	0.04	3.1	0.1	<0.05	5	<0.5	<0.2
1257663	Soil	14	39	0.54	250	0.067	<1	1.69	0.013	0.12	0.1	0.03	2.9	0.1	<0.05	6	<0.5	<0.2
1257637	Soil	44	23	0.75	210	0.067	4	2.30	0.011	0.13	0.1	0.01	4.1	0.1	<0.05	7	<0.5	<0.2
1257639	Soil	13	15	0.27	192	0.043	2	1.11	0.012	0.06	<0.1	0.03	2.0	<0.1	<0.05	6	<0.5	<0.2
1257636	Soil	12	18	0.35	222	0.038	3	1.56	0.014	0.08	0.1	0.04	2.1	<0.1	<0.05	7	<0.5	<0.2
1257641	Soil	13	11	0.09	129	0.033	2	0.78	0.011	0.03	<0.1	0.02	1.2	<0.1	<0.05	5	<0.5	<0.2
1257642	Soil	20	23	0.51	373	0.040	3	1.89	0.011	0.08	0.2	0.02	4.3	0.1	<0.05	5	<0.5	<0.2
1257643	Soil	22	24	0.48	475	0.034	3	2.03	0.013	0.10	0.1	0.07	4.4	0.1	<0.05	6	0.7	<0.2
1257650	Soil	12	20	0.47	237	0.027	3	1.62	0.017	0.07	0.2	0.06	3.2	0.1	<0.05	5	<0.5	<0.2
1257647	Soil	17	17	0.45	266	0.047	3	1.28	0.031	0.23	0.2	0.03	3.9	0.2	0.27	4	1.2	0.4
1257638	Soil	20	18	0.48	245	0.046	4	1.72	0.010	0.12	0.2	0.02	2.8	0.1	<0.05	6	<0.5	<0.2
1257646	Soil	18	26	0.51	378	0.055	2	2.22	0.014	0.08	0.2	0.03	4.5	<0.1	<0.05	6	<0.5	<0.2
1257640	Soil	20	16	0.43	178	0.030	3	1.47	0.010	0.08	0.1	0.02	2.6	<0.1	<0.05	5	<0.5	<0.2
1257645	Soil	18	20	0.51	323	0.042	3	1.77	0.013	0.08	0.2	0.03	3.6	0.1	<0.05	6	0.5	<0.2
1257654	Soil	12	32	0.47	101	0.037	1	1.41	0.012	0.05	0.2	0.05	2.2	<0.1	<0.05	4	1.0	<0.2
1257660	Soil	22	36	0.56	319	0.051	2	1.72	0.013	0.06	0.2	0.05	3.7	0.1	<0.05	5	1.2	<0.2

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

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

Project: FLU
Report Date: November 11, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1257651	Soil	1.2	23.2	13.2	74	0.1	21.5	10.9	476	2.48	49.0	1.0	11.4	4.0	32	0.3	0.5	0.2	45	0.66	0.052
1257653	Soil	1.1	17.2	13.2	59	0.2	18.2	8.0	221	2.40	51.8	0.8	10.0	2.8	14	0.1	0.5	0.2	47	0.17	0.051
1257652	Soil	1.3	17.9	26.2	75	0.2	18.0	10.9	500	2.75	69.0	0.9	11.1	2.0	14	0.3	0.5	0.2	56	0.16	0.052
1257655	Soil	1.2	16.6	13.6	44	0.2	13.8	4.4	106	1.98	79.8	0.9	8.3	1.3	15	0.2	0.4	0.2	38	0.16	0.050
1257657	Soil	0.8	16.6	16.0	52	0.2	14.6	5.8	133	2.04	57.0	1.0	9.4	1.4	17	0.2	0.4	0.2	40	0.18	0.053
1257659	Soil	1.0	27.0	16.3	71	0.2	21.4	10.4	253	3.26	184.3	1.4	33.6	5.2	19	0.2	0.7	0.2	61	0.25	0.070
1257656	Soil	1.0	14.6	16.3	50	0.2	14.2	4.8	121	2.09	68.2	0.9	12.4	1.8	15	0.1	0.4	0.2	40	0.15	0.049
1257658	Soil	1.7	21.4	19.3	63	0.2	19.6	9.0	263	4.00	268.7	1.2	7.3	4.4	18	0.2	0.5	0.2	58	0.23	0.073
1213862	Soil	2.1	27.7	23.8	80	0.6	23.5	10.0	250	2.85	233.2	1.4	22.6	6.3	20	0.3	1.0	0.3	42	0.19	0.049
1213860	Soil	1.3	17.1	15.5	59	0.3	18.1	6.3	185	2.37	97.6	1.1	6.8	3.4	19	<0.1	0.6	0.2	38	0.20	0.053
1213856	Soil	1.3	47.4	14.1	94	0.6	46.8	15.9	459	3.27	201.6	1.7	21.1	5.3	36	0.5	1.0	0.2	46	0.57	0.104
1213853	Soil	0.6	26.3	16.1	78	0.3	25.2	9.7	592	2.19	23.0	0.9	6.7	2.3	62	0.5	0.8	0.2	47	1.53	0.067
1213855	Soil	1.1	32.7	23.5	89	0.4	30.2	10.5	277	2.70	165.1	1.3	11.5	3.7	40	0.5	1.2	0.3	45	0.99	0.067
1213857	Soil	1.7	36.3	17.6	93	0.4	35.2	17.1	606	3.59	184.2	1.7	10.7	8.1	21	0.3	0.9	0.2	48	0.31	0.083
1213859	Soil	1.8	34.7	17.7	83	0.2	28.4	12.7	738	3.29	277.2	1.3	11.7	10.8	22	0.3	0.9	0.2	41	0.32	0.089
1213861	Soil	1.5	15.7	17.2	67	0.4	19.0	10.8	400	2.52	162.9	0.8	12.9	3.7	23	0.2	0.5	0.2	39	0.23	0.059
1213858	Soil	2.0	18.8	13.6	67	0.3	22.1	9.3	361	3.09	204.6	1.0	13.1	2.4	20	0.2	0.5	0.2	55	0.26	0.075
1213854	Soil	0.7	32.5	21.4	70	0.3	24.9	12.5	635	2.84	172.2	1.1	8.5	4.3	39	0.5	1.5	0.3	48	0.83	0.067
1213542	Soil	0.8	17.4	8.4	49	<0.1	15.6	7.6	397	2.38	5.7	1.3	1.8	10.1	24	<0.1	0.3	0.1	52	0.24	0.015
1213543	Soil	0.8	17.1	8.3	50	<0.1	14.4	8.0	395	2.38	5.7	1.2	1.6	10.6	23	<0.1	0.3	<0.1	51	0.23	0.015
1213545	Soil	1.2	14.9	9.4	53	<0.1	14.0	8.7	553	2.73	5.4	1.2	1.7	12.4	18	<0.1	0.4	0.1	53	0.16	0.023
1213544	Soil	0.8	14.3	8.5	49	<0.1	11.1	6.3	506	2.02	3.4	1.4	3.1	15.7	19	0.1	0.3	<0.1	36	0.17	0.019
1213546	Soil	0.9	18.4	8.5	60	<0.1	16.6	9.0	439	2.75	5.4	1.3	1.2	8.7	18	<0.1	0.3	0.1	55	0.19	0.021
1213547	Soil	1.2	15.2	10.3	55	<0.1	13.7	8.4	509	3.04	5.6	0.8	1.4	8.6	12	0.2	0.3	0.2	59	0.11	0.023
1213548	Soil	0.9	14.0	9.0	41	<0.1	14.0	6.6	300	2.23	4.8	0.9	1.4	8.8	16	<0.1	0.3	<0.1	47	0.15	0.013
1213549	Soil	1.4	23.4	11.9	46	<0.1	17.5	9.5	408	2.99	8.1	1.3	3.1	8.6	16	<0.1	0.5	0.3	60	0.14	0.023
1213550	Soil	0.7	13.6	9.1	46	<0.1	14.6	8.4	525	2.15	4.4	0.9	1.4	3.9	16	0.1	0.3	<0.1	46	0.18	0.038
1213851	Soil	0.8	17.7	9.8	47	<0.1	14.7	6.5	341	2.07	4.6	1.1	1.0	2.3	24	0.1	0.3	0.1	44	0.25	0.046
1213852	Soil	0.3	28.6	15.9	73	0.2	27.1	10.2	371	2.60	24.5	1.3	11.1	2.8	49	0.4	0.8	0.2	50	1.26	0.062
1213873	Soil	1.3	25.4	24.1	76	0.4	26.3	10.4	415	2.85	52.5	1.7	6.3	7.2	49	0.2	0.5	0.2	49	0.59	0.074

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

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

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1257651	Soil	17	26	0.52	232	0.041	1	1.41	0.012	0.05	0.2	0.03	2.9	<0.1	<0.05	4	0.7	<0.2
1257653	Soil	14	31	0.53	141	0.034	<1	1.48	0.010	0.05	0.2	0.03	2.3	<0.1	<0.05	5	0.8	<0.2
1257652	Soil	14	30	0.52	134	0.033	1	1.68	0.010	0.05	0.1	0.04	2.5	0.1	<0.05	5	0.9	<0.2
1257655	Soil	12	27	0.39	113	0.037	1	1.29	0.009	0.04	0.2	0.04	2.0	<0.1	<0.05	4	1.0	<0.2
1257657	Soil	14	27	0.46	164	0.038	1	1.49	0.011	0.05	0.2	0.03	2.1	0.1	<0.05	5	<0.5	<0.2
1257659	Soil	21	37	0.58	286	0.055	2	1.71	0.013	0.06	0.2	0.04	3.7	0.1	<0.05	5	0.7	<0.2
1257656	Soil	14	28	0.44	122	0.034	1	1.37	0.009	0.05	0.2	0.03	2.1	0.1	<0.05	5	0.6	<0.2
1257658	Soil	17	36	0.53	194	0.048	<1	1.42	0.011	0.07	0.2	0.03	2.8	0.1	<0.05	5	0.7	<0.2
1213862	Soil	23	27	0.54	190	0.028	1	1.70	0.009	0.08	0.1	0.03	3.3	0.1	<0.05	5	0.7	<0.2
1213860	Soil	20	27	0.50	147	0.027	2	1.51	0.010	0.06	0.2	0.05	2.4	0.1	<0.05	5	0.6	<0.2
1213856	Soil	26	38	0.55	777	0.036	2	1.64	0.013	0.08	0.2	0.05	5.5	0.1	<0.05	4	1.1	<0.2
1213853	Soil	13	26	0.57	266	0.052	3	1.40	0.024	0.05	0.2	0.04	3.6	<0.1	<0.05	4	0.9	<0.2
1213855	Soil	19	25	0.46	428	0.037	3	1.53	0.017	0.06	0.3	0.04	3.7	<0.1	<0.05	4	1.5	<0.2
1213857	Soil	29	40	0.62	251	0.038	2	1.76	0.012	0.08	0.2	0.03	4.4	0.2	<0.05	5	0.9	<0.2
1213859	Soil	31	34	0.60	207	0.064	2	1.42	0.011	0.15	0.1	0.01	3.3	0.2	<0.05	4	0.8	<0.2
1213861	Soil	21	26	0.52	132	0.029	2	1.48	0.010	0.07	0.1	0.05	2.5	0.1	<0.05	5	0.8	<0.2
1213858	Soil	16	34	0.47	174	0.032	<1	1.51	0.010	0.05	0.2	0.05	3.0	0.2	<0.05	5	0.6	<0.2
1213854	Soil	19	24	0.44	238	0.031	2	1.36	0.017	0.06	0.4	0.04	4.1	<0.1	<0.05	4	1.0	<0.2
1213542	Soil	25	29	0.51	202	0.065	<1	1.45	0.013	0.04	<0.1	0.03	4.8	<0.1	<0.05	5	0.6	<0.2
1213543	Soil	25	29	0.50	197	0.069	<1	1.49	0.015	0.05	<0.1	0.03	4.9	<0.1	<0.05	5	<0.5	<0.2
1213545	Soil	25	26	0.48	160	0.053	<1	1.85	0.011	0.07	<0.1	0.02	3.9	<0.1	<0.05	6	<0.5	<0.2
1213544	Soil	36	17	0.41	142	0.054	<1	1.19	0.017	0.06	<0.1	0.01	3.6	<0.1	<0.05	4	0.6	<0.2
1213546	Soil	21	29	0.61	193	0.060	<1	1.78	0.012	0.07	<0.1	0.02	4.6	<0.1	<0.05	5	<0.5	<0.2
1213547	Soil	18	24	0.49	156	0.039	<1	2.20	0.011	0.09	<0.1	0.03	3.5	0.1	<0.05	7	0.5	<0.2
1213548	Soil	27	23	0.46	125	0.039	1	1.56	0.010	0.05	<0.1	0.02	3.1	<0.1	<0.05	5	0.5	<0.2
1213549	Soil	22	34	0.44	164	0.056	<1	2.81	0.011	0.06	0.1	0.04	5.2	0.2	<0.05	6	0.9	<0.2
1213550	Soil	24	21	0.43	107	0.041	2	1.36	0.012	0.05	<0.1	0.02	2.5	<0.1	<0.05	4	<0.5	<0.2
1213851	Soil	25	24	0.43	176	0.038	<1	1.39	0.013	0.07	<0.1	0.02	2.7	<0.1	<0.05	4	<0.5	<0.2
1213852	Soil	14	26	0.55	271	0.052	2	1.49	0.027	0.05	0.2	0.05	4.2	<0.1	<0.05	4	0.7	<0.2
1213873	Soil	39	39	0.65	328	0.067	2	1.72	0.016	0.13	0.1	0.04	3.8	0.1	<0.05	5	<0.5	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1213869	Soil		2.1	26.9	34.0	109	0.4	27.2	13.6	442	2.98	177.5	2.0	27.9	9.0	46	0.4	0.5	0.2	43	0.51	0.081
1213870	Soil		1.4	20.8	20.0	80	0.2	21.2	12.7	439	3.20	86.6	1.1	8.4	5.4	38	0.3	0.4	0.2	65	0.49	0.083
1213872	Soil		1.4	24.4	24.6	62	0.6	22.5	10.7	547	2.42	38.2	3.3	12.2	5.8	68	0.2	0.4	0.2	38	0.72	0.094
1213871	Soil		1.7	28.1	28.3	100	0.4	31.2	15.1	506	3.54	78.7	2.1	12.6	8.8	49	0.2	0.4	0.2	62	0.68	0.117
1213863	Soil		2.7	38.8	23.7	90	0.6	29.3	12.8	524	3.05	568.8	1.6	48.6	4.7	26	0.3	1.0	0.2	53	0.23	0.063
1213868	Soil		2.1	33.2	43.3	153	0.6	27.9	11.0	304	2.80	186.5	2.1	45.5	7.1	40	0.8	0.7	0.2	49	0.42	0.090
1213867	Soil		1.5	31.2	24.9	104	0.6	27.2	13.0	533	2.89	124.8	1.8	17.1	7.1	31	0.5	0.7	0.2	55	0.40	0.089
1213865	Soil		1.8	29.5	36.2	118	0.4	27.7	10.8	471	2.72	343.3	1.1	37.9	5.4	31	0.5	0.8	0.2	52	0.40	0.079
1213866	Soil		2.7	35.9	56.2	126	0.3	28.4	12.5	643	3.10	711.7	1.7	75.1	7.4	55	0.8	1.1	0.3	42	0.56	0.099
1213864	Soil		1.8	29.1	25.0	98	0.4	28.9	11.0	410	2.90	398.0	1.2	59.1	4.1	23	0.3	0.7	0.2	54	0.27	0.076
1124085	Soil		0.7	15.2	8.3	56	<0.1	14.0	8.5	461	2.91	6.5	0.7	2.0	5.4	21	<0.1	0.3	0.2	54	0.28	0.047
1124079	Soil		1.7	15.0	8.3	42	<0.1	10.3	6.3	263	2.98	7.4	0.8	0.7	3.7	10	0.1	0.4	0.1	61	0.12	0.024
1124077	Soil		1.2	17.9	10.8	61	<0.1	17.8	10.5	516	3.25	7.1	0.9	1.4	6.3	25	<0.1	0.4	0.2	60	0.33	0.042
1124081	Soil		1.0	11.7	9.7	47	<0.1	12.3	7.2	340	2.95	5.9	0.5	1.7	3.7	11	<0.1	0.3	0.2	66	0.12	0.027
1124080	Soil		1.0	17.3	9.3	43	<0.1	15.4	7.2	216	2.62	7.8	0.7	0.6	1.3	16	0.1	0.3	0.2	60	0.16	0.039
1124078	Soil		1.0	20.4	9.7	50	<0.1	17.5	9.0	406	2.88	7.1	1.2	1.6	5.1	21	<0.1	0.3	0.2	60	0.25	0.039
1124076	Soil		0.7	17.3	8.8	58	<0.1	18.2	9.1	426	2.81	6.5	0.7	6.5	5.5	22	<0.1	0.4	0.1	56	0.31	0.049
1124082	Soil		0.9	11.7	9.1	56	<0.1	11.2	6.6	421	2.64	5.2	0.6	1.5	2.9	15	<0.1	0.3	0.2	63	0.26	0.059
1124083	Soil		0.6	13.4	7.8	64	<0.1	13.9	8.1	410	2.86	4.8	0.7	0.7	5.2	23	<0.1	0.3	0.2	58	0.35	0.043
1124066	Soil		0.8	26.0	15.3	408	0.2	18.6	14.4	1183	3.03	21.7	1.1	4.3	3.9	43	1.4	0.3	0.2	57	0.59	0.058
1124064	Soil		1.0	50.4	130.2	324	0.7	17.1	10.2	500	2.65	56.8	1.4	10.2	3.0	40	1.0	0.5	0.3	51	0.40	0.056
1124068	Soil		0.8	27.9	12.7	233	0.3	17.1	10.3	569	3.32	6.5	1.4	3.8	3.8	38	0.5	0.4	0.2	65	0.53	0.073
1124065	Soil		1.1	61.3	61.9	542	1.0	16.5	12.8	1183	3.00	31.7	2.2	14.0	2.7	41	2.0	0.4	0.3	54	0.49	0.072
1124067	Soil		0.9	30.1	16.3	387	0.2	19.3	12.5	918	2.97	15.3	1.3	5.1	3.9	46	1.3	0.4	0.2	56	0.63	0.063
1124070	Soil		0.8	32.3	15.4	83	0.3	12.1	9.8	1077	2.45	6.4	1.3	5.2	1.3	49	0.5	0.3	0.2	44	0.55	0.072
1124073	Soil		0.6	13.3	7.8	49	<0.1	9.9	7.0	392	2.47	9.4	1.0	2.5	6.4	20	0.1	0.3	0.2	42	0.34	0.058
1124069	Soil		0.9	20.0	88.0	143	0.3	16.1	9.5	450	2.97	12.3	1.0	4.5	4.2	30	0.8	0.5	0.2	49	0.58	0.055
1124072	Soil		1.0	18.2	11.7	71	0.1	14.1	9.4	501	3.10	12.4	1.2	4.5	6.3	28	0.3	0.4	0.2	57	0.41	0.047
1124074	Soil		1.1	13.3	10.3	55	<0.1	14.5	8.5	359	3.09	6.8	0.8	2.8	5.2	19	<0.1	0.4	0.2	65	0.24	0.034
1124075	Soil		0.7	13.2	7.8	52	<0.1	10.5	8.4	427	2.87	4.6	0.8	1.1	7.0	18	<0.1	0.4	0.2	50	0.26	0.049

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

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

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1213869	Soil		36	43	0.73	469	0.066	<1	1.71	0.014	0.16	0.1	0.04	3.8	0.2	<0.05	5	0.8	<0.2
1213870	Soil		21	40	0.72	330	0.087	<1	1.80	0.029	0.07	0.1	0.02	3.4	<0.1	<0.05	6	0.6	<0.2
1213872	Soil		92	32	0.51	444	0.042	1	1.71	0.014	0.10	0.1	0.06	4.2	0.1	<0.05	4	1.2	<0.2
1213871	Soil		44	68	0.97	458	0.095	<1	2.04	0.029	0.18	<0.1	0.03	5.1	0.2	<0.05	6	1.1	<0.2
1213863	Soil		18	32	0.56	278	0.047	1	1.61	0.014	0.08	0.2	0.05	3.9	<0.1	<0.05	5	0.6	<0.2
1213868	Soil		30	45	0.66	735	0.033	2	1.68	0.012	0.09	0.1	0.05	4.4	0.1	<0.05	5	1.3	<0.2
1213867	Soil		28	44	0.70	595	0.069	1	1.73	0.014	0.10	0.1	0.05	4.5	0.1	<0.05	5	1.1	<0.2
1213865	Soil		19	35	0.63	304	0.068	1	1.43	0.017	0.09	0.2	0.05	3.9	0.1	<0.05	4	0.8	<0.2
1213866	Soil		27	30	0.59	460	0.048	2	1.38	0.012	0.12	0.2	0.03	2.9	0.1	<0.05	4	0.9	<0.2
1213864	Soil		17	33	0.56	204	0.060	1	1.43	0.012	0.07	0.3	0.04	3.5	<0.1	<0.05	4	1.3	<0.2
1124085	Soil		17	22	0.60	254	0.070	2	1.93	0.012	0.13	0.2	0.02	3.3	<0.1	<0.05	6	<0.5	<0.2
1124079	Soil		16	17	0.48	112	0.060	2	1.54	0.010	0.12	0.2	0.02	2.7	0.1	<0.05	7	<0.5	<0.2
1124077	Soil		17	25	0.67	330	0.087	3	2.11	0.014	0.14	0.1	0.03	4.4	0.1	<0.05	6	<0.5	<0.2
1124081	Soil		13	22	0.49	143	0.054	2	1.79	0.009	0.08	0.1	0.02	2.9	0.1	<0.05	7	<0.5	<0.2
1124080	Soil		12	25	0.39	212	0.054	<1	1.96	0.013	0.05	<0.1	0.03	2.6	<0.1	<0.05	6	0.8	<0.2
1124078	Soil		19	26	0.56	374	0.062	2	1.98	0.013	0.09	0.1	0.03	4.6	0.1	<0.05	6	0.8	<0.2
1124076	Soil		18	25	0.65	278	0.083	2	1.78	0.018	0.10	0.1	0.01	4.3	<0.1	<0.05	5	<0.5	<0.2
1124082	Soil		14	20	0.48	103	0.062	2	1.60	0.012	0.10	0.1	0.02	2.8	<0.1	<0.05	7	<0.5	<0.2
1124083	Soil		17	21	0.64	331	0.062	3	1.90	0.015	0.10	0.1	0.02	3.6	<0.1	<0.05	6	<0.5	<0.2
1124066	Soil		16	24	0.68	427	0.036	1	1.92	0.012	0.07	0.1	0.04	6.1	<0.1	<0.05	6	<0.5	<0.2
1124064	Soil		17	25	0.50	336	0.036	2	1.75	0.012	0.08	0.2	0.06	3.8	0.1	0.06	6	<0.5	<0.2
1124068	Soil		16	25	0.67	383	0.036	2	2.28	0.014	0.08	0.2	0.05	6.7	<0.1	<0.05	7	<0.5	<0.2
1124065	Soil		16	26	0.49	499	0.021	2	1.98	0.011	0.07	0.1	0.09	5.9	0.1	<0.05	6	<0.5	<0.2
1124067	Soil		17	28	0.63	446	0.040	2	1.97	0.014	0.08	0.2	0.04	6.0	0.1	<0.05	6	<0.5	<0.2
1124070	Soil		14	19	0.43	333	0.025	2	1.64	0.011	0.08	0.2	0.05	4.0	<0.1	0.08	6	0.6	<0.2
1124073	Soil		22	18	0.47	215	0.046	2	1.42	0.010	0.12	0.1	0.01	2.9	<0.1	<0.05	5	<0.5	<0.2
1124069	Soil		17	23	0.54	374	0.041	2	1.87	0.016	0.08	0.2	0.03	4.8	<0.1	<0.05	6	<0.5	<0.2
1124072	Soil		22	24	0.54	323	0.040	2	2.11	0.016	0.10	0.1	0.02	3.8	0.1	<0.05	7	<0.5	<0.2
1124074	Soil		17	24	0.55	224	0.062	2	2.09	0.012	0.08	0.1	0.01	3.4	0.1	<0.05	8	<0.5	<0.2
1124075	Soil		21	19	0.54	237	0.064	2	1.70	0.012	0.13	0.1	<0.01	3.2	0.1	<0.05	6	<0.5	<0.2

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Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1124055	Soil	1.4	34.8	69.5	105	0.4	30.3	10.0	353	2.99	137.9	1.6	5.6	7.1	25	0.5	0.9	0.2	53	0.30	0.058
1124084	Soil	0.8	14.1	8.4	57	<0.1	13.9	9.9	409	3.18	5.8	0.7	1.2	5.5	17	<0.1	0.4	0.2	62	0.23	0.044
1124056	Soil	1.3	34.1	98.4	81	0.6	34.3	11.3	394	2.90	124.9	1.7	6.4	7.7	28	0.3	0.9	0.2	47	0.33	0.058
1124058	Soil	2.9	49.2	42.9	109	0.5	35.6	12.2	552	3.33	184.2	2.4	11.0	8.6	30	0.3	1.4	0.2	59	0.24	0.044
1124057	Soil	1.6	26.9	54.3	77	0.5	24.3	8.6	270	2.68	99.7	1.4	18.3	4.3	23	0.2	0.8	0.2	54	0.25	0.052
1124060	Soil	1.1	33.7	31.2	175	0.5	22.5	10.5	356	2.73	97.4	2.0	32.4	3.5	34	0.5	0.6	0.2	51	0.42	0.069
1124059	Soil	1.3	50.9	18.1	107	0.1	41.4	27.8	608	5.00	69.2	1.9	1.9	12.1	24	0.2	0.8	0.2	90	0.37	0.110
1124061	Soil	1.3	29.7	25.2	170	0.2	19.3	11.4	618	2.96	96.7	1.0	8.9	4.7	25	0.4	0.5	0.2	57	0.33	0.052
1124062	Soil	1.1	33.0	46.4	172	0.6	14.8	8.1	375	2.49	43.4	1.3	7.9	1.5	29	0.6	0.3	0.2	48	0.31	0.066
1124063	Soil	1.2	34.3	68.6	187	0.5	12.8	12.9	833	2.51	31.8	0.9	39.9	3.0	26	0.5	0.3	0.2	45	0.28	0.049
1115127	Soil	0.6	17.8	8.4	53	<0.1	14.8	9.2	510	2.83	5.2	1.1	5.4	6.6	22	<0.1	0.4	0.2	56	0.25	0.030
1115128	Soil	0.6	16.8	8.9	54	<0.1	11.7	9.0	548	2.95	3.4	1.2	3.0	7.0	24	<0.1	0.3	0.1	49	0.39	0.052
1115125	Soil	1.3	21.0	10.4	58	<0.1	20.4	11.9	487	3.20	6.8	0.9	1.5	6.5	22	<0.1	0.5	0.1	60	0.26	0.029
1115126	Soil	0.8	18.0	10.7	58	<0.1	17.9	9.6	434	2.97	6.4	0.9	2.7	5.6	23	0.1	0.4	0.2	58	0.34	0.039
1115121	Soil	1.4	17.5	14.9	54	<0.1	17.5	8.8	452	2.98	6.1	0.9	1.5	5.7	25	<0.1	0.4	0.2	58	0.34	0.042
1115123	Soil	0.9	12.4	11.6	37	<0.1	9.7	4.6	221	1.93	3.2	0.6	1.3	1.3	13	0.2	0.2	0.2	43	0.14	0.034
1115122	Soil	1.1	10.8	14.4	30	<0.1	7.9	3.9	290	1.60	2.8	0.6	3.4	1.8	15	0.1	0.3	0.2	43	0.17	0.029
1115124	Soil	1.3	10.1	15.0	36	<0.1	10.5	5.3	296	2.55	6.8	0.6	1.8	2.2	10	0.1	0.4	0.2	57	0.13	0.043
1115138	Soil	1.1	43.0	41.3	272	0.3	17.0	10.5	500	2.82	11.8	1.2	5.2	3.2	29	0.6	0.3	0.2	52	0.32	0.053
1115137	Soil	1.2	42.2	54.2	165	0.5	10.1	5.5	223	2.53	5.5	0.9	3.5	2.3	38	0.5	0.3	0.2	45	0.39	0.045
1115135	Soil	0.9	33.7	22.0	154	0.2	17.0	9.9	894	2.80	5.2	1.4	2.8	4.3	52	0.4	0.3	0.2	54	0.63	0.061
1115136	Soil	1.3	79.5	31.2	519	0.5	16.2	10.4	950	3.06	5.1	2.1	4.5	3.4	61	1.4	0.3	0.2	59	0.60	0.063
1115133	Soil	1.1	90.5	85.5	464	0.2	9.1	9.5	1369	4.36	4.4	1.0	3.0	4.5	60	0.7	0.4	0.2	66	0.56	0.149
1115132	Soil	0.8	17.3	10.3	65	<0.1	13.1	8.5	699	2.80	7.6	1.0	3.6	5.2	34	0.2	0.4	0.1	49	0.45	0.052
1115131	Soil	0.9	18.8	11.6	62	<0.1	14.9	8.1	422	2.79	11.1	0.9	3.3	4.3	31	<0.1	0.4	0.1	54	0.40	0.043
1115134	Soil	1.0	26.3	21.0	96	0.2	17.9	8.3	461	2.89	5.6	1.2	2.5	5.3	45	0.2	0.4	0.2	53	0.55	0.054
1213509	Soil	3.8	16.1	21.8	66	<0.1	11.7	10.3	570	2.98	5.0	1.1	6.5	5.8	14	0.1	0.3	0.2	42	0.23	0.062
1213511	Soil	0.9	20.8	13.2	64	0.2	20.6	9.7	549	2.29	50.4	1.0	6.6	2.0	54	0.3	0.4	0.2	37	1.59	0.061
1213512	Soil	1.2	17.4	12.7	92	0.1	22.1	11.2	545	2.96	43.8	0.9	4.4	4.4	40	0.3	0.3	0.1	47	1.01	0.072
1213510	Soil	2.6	11.9	13.1	57	<0.1	11.0	9.1	641	2.40	3.1	0.8	3.6	6.6	13	<0.1	0.2	0.1	34	0.23	0.055

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1124055	Soil	23	45	0.60	573	0.079	<1	1.76	0.012	0.13	0.2	0.02	4.0	0.1	<0.05	5	0.7	<0.2
1124084	Soil	16	24	0.64	262	0.083	2	2.07	0.013	0.13	0.2	0.01	3.3	0.1	<0.05	7	<0.5	<0.2
1124056	Soil	30	55	0.64	403	0.068	1	1.68	0.011	0.14	0.2	0.04	4.2	0.2	<0.05	5	<0.5	<0.2
1124058	Soil	26	40	0.68	432	0.071	1	1.92	0.012	0.09	0.3	0.03	4.2	0.2	<0.05	6	0.8	<0.2
1124057	Soil	18	42	0.52	475	0.067	<1	1.75	0.011	0.08	0.2	0.04	3.3	0.1	<0.05	6	0.8	<0.2
1124060	Soil	25	41	0.59	306	0.045	2	1.99	0.012	0.09	0.2	0.06	4.7	0.2	<0.05	6	0.8	<0.2
1124059	Soil	35	73	1.63	285	0.163	<1	3.16	0.014	0.53	0.1	0.02	5.2	0.5	<0.05	9	<0.5	<0.2
1124061	Soil	18	31	0.57	265	0.050	<1	1.78	0.011	0.08	0.2	0.03	3.6	0.1	<0.05	6	<0.5	<0.2
1124062	Soil	14	23	0.43	285	0.029	1	1.72	0.013	0.07	0.2	0.07	3.5	0.1	0.06	5	<0.5	<0.2
1124063	Soil	14	21	0.47	251	0.032	1	1.59	0.010	0.09	0.2	0.06	3.0	0.1	0.06	5	<0.5	<0.2
1115127	Soil	23	25	0.68	264	0.069	2	1.80	0.012	0.11	0.1	0.01	4.3	0.1	<0.05	6	<0.5	<0.2
1115128	Soil	25	20	0.59	275	0.057	3	1.57	0.011	0.14	0.1	0.01	4.7	0.1	<0.05	6	<0.5	<0.2
1115125	Soil	21	30	0.70	426	0.072	2	2.00	0.013	0.12	0.1	<0.01	4.2	<0.1	<0.05	6	<0.5	<0.2
1115126	Soil	19	27	0.66	349	0.092	2	1.91	0.014	0.13	0.2	0.02	4.6	0.1	<0.05	6	<0.5	<0.2
1115121	Soil	22	27	0.55	345	0.059	4	2.08	0.013	0.09	0.1	0.02	4.2	0.1	<0.05	7	<0.5	<0.2
1115123	Soil	13	19	0.33	147	0.054	3	1.27	0.011	0.09	0.1	0.02	2.0	<0.1	<0.05	6	<0.5	<0.2
1115122	Soil	17	16	0.24	127	0.051	1	1.14	0.010	0.11	0.1	0.01	2.0	0.1	<0.05	6	<0.5	<0.2
1115124	Soil	13	22	0.31	95	0.046	3	1.42	0.008	0.08	0.1	0.02	2.0	<0.1	<0.05	7	<0.5	<0.2
1115138	Soil	16	28	0.58	358	0.032	1	1.85	0.012	0.08	0.2	0.07	5.4	0.1	0.05	5	<0.5	<0.2
1115137	Soil	12	18	0.39	330	0.023	1	1.59	0.010	0.09	0.1	0.06	3.4	0.1	0.10	6	<0.5	<0.2
1115135	Soil	17	27	0.53	407	0.043	2	1.95	0.013	0.09	0.1	0.05	5.6	0.1	0.06	6	<0.5	<0.2
1115136	Soil	16	28	0.57	528	0.038	2	2.11	0.012	0.11	0.1	0.06	6.2	0.1	0.07	7	<0.5	<0.2
1115133	Soil	16	14	0.85	405	0.112	2	2.01	0.011	0.44	0.1	0.02	5.5	0.3	0.16	6	0.5	<0.2
1115132	Soil	21	23	0.57	313	0.049	2	1.86	0.016	0.10	0.2	0.02	5.0	0.1	<0.05	6	<0.5	<0.2
1115131	Soil	18	24	0.62	306	0.042	1	1.80	0.011	0.08	0.2	0.02	4.9	<0.1	<0.05	6	<0.5	<0.2
1115134	Soil	19	30	0.58	330	0.056	2	1.94	0.013	0.11	0.1	0.03	5.5	0.1	<0.05	6	<0.5	<0.2
1213509	Soil	22	20	0.53	192	0.041	1	1.53	0.008	0.12	0.1	<0.01	2.8	<0.1	<0.05	6	<0.5	<0.2
1213511	Soil	16	26	0.54	372	0.032	2	1.35	0.013	0.07	0.1	0.03	3.0	<0.1	0.08	4	<0.5	<0.2
1213512	Soil	19	37	0.99	343	0.058	2	1.73	0.012	0.16	0.2	0.02	4.6	0.1	<0.05	6	<0.5	<0.2
1213510	Soil	24	20	0.51	218	0.029	1	1.27	0.008	0.11	0.1	<0.01	2.3	<0.1	<0.05	5	<0.5	<0.2

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

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

Project: FLU
Report Date: November 11, 2011

CERTIFICATE OF ANALYSIS WHI11001816.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1213508	Soil	3.9	17.0	22.5	68	<0.1	12.8	11.4	589	3.17	5.3	1.2	2.7	6.4	16	0.1	0.3	0.2	44	0.25	0.066
1213515	Soil	0.8	16.9	19.4	66	0.1	15.1	6.6	431	1.65	46.9	0.8	6.3	3.3	47	0.4	0.4	0.2	22	1.50	0.054
1213514	Soil	0.8	18.2	16.9	78	0.2	19.5	8.2	469	1.85	58.2	0.9	7.3	1.6	58	0.6	0.4	0.2	26	1.83	0.056
1213517	Soil	0.8	26.1	26.3	91	0.2	29.1	11.7	483	2.69	146.3	0.8	12.6	4.7	39	0.5	0.6	0.2	35	1.20	0.071
1115119	Soil	1.1	15.0	13.0	59	<0.1	16.2	9.3	535	3.03	4.5	1.0	1.6	6.2	26	<0.1	0.3	0.2	50	0.42	0.052
1115120	Soil	1.2	13.0	10.9	54	<0.1	14.2	7.5	381	3.06	5.6	0.5	1.3	3.4	10	0.1	0.3	0.2	57	0.14	0.045
1115146	Soil	1.9	33.2	75.5	98	0.5	29.1	9.5	342	2.44	122.1	1.3	5.5	3.5	23	0.4	0.8	0.2	44	0.26	0.069
1115129	Soil	0.9	11.4	10.1	55	<0.1	11.1	10.5	559	3.01	4.0	0.8	<0.5	6.4	10	<0.1	0.2	0.2	44	0.13	0.041
1115141	Soil	1.0	29.4	20.7	201	0.2	20.7	12.4	696	2.65	25.5	1.0	3.9	3.9	30	0.5	0.4	0.2	47	0.53	0.058
1115142	Soil	1.1	27.1	21.8	133	0.1	24.5	11.0	538	2.95	64.9	1.2	5.1	7.0	37	0.4	0.5	0.2	42	0.78	0.083
1115130	Soil	0.8	19.1	11.9	130	<0.1	12.1	7.8	399	2.58	15.6	1.3	8.7	6.6	22	0.1	0.4	0.1	36	0.34	0.044
1115147	Soil	2.4	36.3	78.6	87	0.5	32.4	11.6	415	2.60	136.3	1.4	6.8	3.2	24	0.5	0.8	0.2	50	0.26	0.049
1115149	Soil	1.6	27.7	58.1	105	0.2	30.8	10.9	431	3.00	104.6	1.7	5.4	14.9	24	0.3	0.9	0.2	43	0.34	0.071
1115150	Soil	1.2	23.4	22.3	78	0.1	28.8	12.0	377	2.95	71.2	1.2	3.1	10.5	19	0.1	0.7	0.1	55	0.27	0.060
1115143	Soil	1.1	29.3	18.6	128	0.2	20.9	10.8	612	2.70	28.1	1.4	6.0	3.3	52	0.4	0.5	0.2	45	1.04	0.071
1115144	Soil	1.9	34.3	106.5	112	0.5	39.8	12.3	382	2.99	143.2	1.4	8.2	5.0	20	0.5	0.9	0.2	54	0.27	0.060
1115145	Soil	1.7	35.5	103.4	87	1.5	29.9	11.3	359	2.53	163.8	2.5	14.7	2.1	20	0.7	0.7	0.2	40	0.21	0.069
1115148	Soil	1.6	28.7	58.6	109	0.2	31.2	11.2	437	3.06	106.9	1.7	5.0	15.0	24	0.3	0.9	0.2	44	0.34	0.073
1115139	Soil	0.9	33.6	45.7	241	0.3	16.0	8.7	314	2.77	36.2	0.8	5.9	3.1	22	0.4	0.3	0.3	48	0.28	0.046
1115140	Soil	1.0	31.1	21.7	204	0.1	17.6	12.1	520	2.82	17.6	0.8	3.5	3.6	23	0.3	0.3	0.2	51	0.31	0.042

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

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

Project: FLU
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CERTIFICATE OF ANALYSIS WHI11001816.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1213508	Soil	22	22	0.56	197	0.043	1	1.64	0.009	0.12	0.2	<0.01	3.1	0.1	<0.05	6	<0.5	<0.2
1213515	Soil	17	18	0.44	241	0.023	3	1.02	0.012	0.07	0.2	0.03	2.1	<0.1	<0.05	3	<0.5	<0.2
1213514	Soil	14	21	0.41	345	0.027	3	1.10	0.013	0.06	0.1	0.03	2.3	<0.1	<0.05	3	<0.5	<0.2
1213517	Soil	20	27	0.75	189	0.035	1	1.36	0.013	0.05	0.2	0.02	3.2	<0.1	<0.05	4	<0.5	<0.2
1115119	Soil	20	25	0.61	357	0.052	2	1.94	0.010	0.11	0.1	0.01	4.0	0.1	<0.05	7	<0.5	<0.2
1115120	Soil	14	24	0.47	104	0.061	2	1.65	0.009	0.10	0.2	0.02	2.7	<0.1	0.11	6	<0.5	<0.2
1115146	Soil	17	56	0.61	257	0.054	1	1.42	0.010	0.10	0.1	0.03	2.7	0.1	0.11	5	0.5	<0.2
1115129	Soil	20	18	0.54	163	0.049	2	1.77	0.007	0.13	0.1	<0.01	2.9	0.1	<0.05	7	<0.5	<0.2
1115141	Soil	18	29	0.57	331	0.038	1	1.81	0.014	0.07	0.1	0.03	4.7	0.1	<0.05	6	<0.5	<0.2
1115142	Soil	25	37	0.69	266	0.066	1	1.71	0.012	0.22	0.1	0.03	3.9	0.2	0.12	5	<0.5	<0.2
1115130	Soil	22	19	0.53	248	0.027	1	1.51	0.009	0.07	<0.1	0.01	3.5	<0.1	<0.05	5	<0.5	<0.2
1115147	Soil	18	50	0.51	315	0.058	<1	1.56	0.010	0.08	0.1	0.03	2.8	0.1	0.07	6	0.5	<0.2
1115149	Soil	35	50	0.68	307	0.073	<1	1.68	0.010	0.20	0.1	0.02	3.4	0.2	<0.05	6	<0.5	<0.2
1115150	Soil	27	70	0.79	259	0.085	<1	1.85	0.009	0.15	0.1	0.01	2.9	0.2	<0.05	6	<0.5	<0.2
1115143	Soil	23	28	0.58	354	0.047	2	1.69	0.016	0.09	0.2	0.04	4.3	0.1	0.11	5	<0.5	<0.2
1115144	Soil	19	83	0.70	398	0.056	1	1.84	0.010	0.08	0.1	0.03	3.6	0.1	<0.05	6	0.6	<0.2
1115145	Soil	24	39	0.42	421	0.034	1	1.63	0.010	0.06	0.1	0.06	3.4	0.1	<0.05	5	1.1	<0.2
1115148	Soil	37	51	0.70	305	0.075	<1	1.70	0.010	0.21	0.1	0.02	3.3	0.2	0.07	6	<0.5	<0.2
1115139	Soil	14	24	0.50	226	0.026	1	1.84	0.010	0.05	0.1	0.03	4.0	0.1	<0.05	6	<0.5	<0.2
1115140	Soil	14	28	0.58	255	0.027	1	1.89	0.010	0.05	0.2	0.03	4.1	0.1	<0.05	6	<0.5	<0.2

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

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

Project: FLU
Report Date: November 11, 2011

QUALITY CONTROL REPORT WHI11001816.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1213938	Soil	2.2	30.8	85.6	142	0.4	25.8	23.8	1222	3.37	422.2	1.0	69.6	3.9	19	0.5	1.0	0.3	60	0.23	0.073
REP 1213938	QC	2.1	30.7	85.2	141	0.4	25.5	23.9	1210	3.36	415.7	1.0	111.2	3.7	19	0.5	1.0	0.3	60	0.23	0.074
1008095	Soil	0.7	15.1	7.3	42	<0.1	15.7	7.2	289	2.28	6.1	0.7	<0.5	4.9	26	<0.1	0.4	0.1	56	0.37	0.030
REP 1008095	QC	0.7	15.6	7.6	43	<0.1	15.8	7.7	290	2.29	6.3	0.6	<0.5	5.0	26	<0.1	0.4	0.1	55	0.37	0.030
1008092	Soil	0.8	20.0	14.9	72	<0.1	18.9	11.5	427	3.39	20.6	0.8	5.1	6.1	25	<0.1	0.4	0.1	59	0.31	0.041
REP 1008092	QC	0.8	19.2	14.2	68	0.1	19.5	11.0	414	3.29	20.6	0.8	142.4	6.1	24	0.1	0.4	0.1	60	0.32	0.040
1008100	Soil	0.5	31.9	14.7	59	0.2	25.4	10.7	490	2.50	21.1	0.8	3.9	1.6	54	0.5	0.7	0.2	53	2.07	0.061
REP 1008100	QC	0.7	33.8	15.3	62	0.2	26.4	11.1	504	2.60	22.3	0.8	3.8	1.7	55	0.5	0.7	0.2	53	2.08	0.063
1213821	Soil	1.8	26.2	27.2	84	0.2	22.0	15.2	858	3.58	551.4	2.0	27.0	13.8	28	0.3	1.2	0.2	36	0.33	0.144
REP 1213821	QC	1.7	25.6	27.3	87	0.2	21.9	15.5	856	3.62	541.4	2.1	28.3	14.4	27	0.3	1.2	0.2	36	0.32	0.137
1060556	Soil	0.9	19.3	8.9	61	<0.1	18.4	9.6	425	2.78	6.4	1.1	3.3	6.2	26	0.1	0.4	0.1	58	0.35	0.046
REP 1060556	QC	0.9	19.1	8.8	60	<0.1	18.7	9.8	433	2.83	6.2	1.1	3.3	6.3	27	0.1	0.4	0.1	57	0.36	0.046
1062298	Soil	1.1	36.3	79.5	236	0.6	29.2	12.3	382	2.87	199.7	1.3	28.0	5.4	42	1.3	0.8	0.2	46	1.13	0.055
REP 1062298	QC	1.0	35.8	78.8	233	0.6	28.8	12.1	376	2.83	193.5	1.3	25.7	5.4	42	1.2	0.7	0.2	45	1.14	0.057
1257620	Soil	1.1	31.6	21.2	217	0.4	22.6	15.0	1200	2.77	116.0	1.2	10.3	4.8	30	0.6	0.6	0.2	45	0.37	0.066
REP 1257620	QC	1.0	31.1	20.6	217	0.3	22.3	14.7	1190	2.75	112.8	1.2	13.0	4.8	28	0.6	0.6	0.2	44	0.36	0.062
1257634	Soil	1.8	34.3	74.1	106	0.6	30.2	9.3	328	2.64	152.5	1.5	7.6	3.6	24	0.5	0.8	0.2	48	0.19	0.048
REP 1257634	QC	1.9	35.7	73.1	113	0.6	30.9	9.5	350	2.74	155.1	1.5	9.2	3.7	21	0.6	0.8	0.2	50	0.20	0.048
1257623	Soil	2.6	30.8	20.4	65	0.2	26.1	8.2	259	2.99	62.7	1.2	6.9	1.5	16	0.2	0.9	0.3	59	0.15	0.046
REP 1257623	QC	2.7	32.3	20.5	67	0.2	27.0	8.3	255	2.96	62.1	1.1	7.2	1.6	16	0.2	0.9	0.3	59	0.15	0.049
1065955	Soil	1.5	29.8	14.8	79	0.2	25.9	9.9	336	2.61	145.2	1.0	12.6	2.5	18	0.5	0.9	0.2	46	0.18	0.069
REP 1065955	QC	1.3	30.0	14.9	81	0.2	24.7	9.9	329	2.56	148.3	1.0	12.4	2.5	18	0.5	0.9	0.2	47	0.19	0.067
1257661	Soil	0.7	22.2	27.8	74	0.2	17.3	8.0	260	2.35	44.7	1.4	174.2	6.8	18	0.2	0.5	0.2	50	0.25	0.064
REP 1257661	QC	0.8	21.8	27.0	71	0.2	16.8	7.9	246	2.24	42.0	1.3	14.0	6.4	18	0.2	0.4	0.2	48	0.23	0.060
1213856	Soil	1.3	47.4	14.1	94	0.6	46.8	15.9	459	3.27	201.6	1.7	21.1	5.3	36	0.5	1.0	0.2	46	0.57	0.104
REP 1213856	QC	1.3	43.0	13.2	87	0.7	42.0	15.0	440	3.09	191.8	1.6	20.9	5.0	33	0.4	1.0	0.2	47	0.55	0.096
1213550	Soil	0.7	13.6	9.1	46	<0.1	14.6	8.4	525	2.15	4.4	0.9	1.4	3.9	16	0.1	0.3	<0.1	46	0.18	0.038
REP 1213550	QC	0.7	13.1	9.0	45	<0.1	13.1	7.9	499	2.02	4.4	0.8	1.7	3.9	16	0.1	0.3	<0.1	42	0.17	0.040

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

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

Project: FLU
Report Date: November 11, 2011

QUALITY CONTROL REPORT WHI11001816.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1213938	Soil	20	34	0.61	175	0.046	1	1.64	0.010	0.08	0.2	0.03	2.9	0.1	<0.05	5	0.6	<0.2
REP 1213938	QC	20	34	0.62	176	0.046	1	1.63	0.010	0.08	0.2	0.02	2.8	0.1	<0.05	5	0.6	<0.2
1008095	Soil	18	29	0.49	377	0.066	2	1.52	0.018	0.11	0.1	0.01	3.8	<0.1	<0.05	5	<0.5	<0.2
REP 1008095	QC	18	28	0.49	381	0.063	2	1.52	0.019	0.11	0.1	0.01	4.0	<0.1	<0.05	4	<0.5	<0.2
1008092	Soil	18	35	0.74	280	0.048	1	2.04	0.013	0.06	0.1	0.01	4.0	<0.1	<0.05	7	<0.5	<0.2
REP 1008092	QC	18	35	0.72	277	0.058	1	1.97	0.011	0.07	0.1	0.01	4.1	<0.1	<0.05	7	<0.5	<0.2
1008100	Soil	13	28	0.61	275	0.054	2	1.41	0.024	0.04	0.2	0.04	3.4	<0.1	<0.05	4	<0.5	<0.2
REP 1008100	QC	14	29	0.64	282	0.055	2	1.50	0.024	0.05	0.2	0.04	3.5	<0.1	<0.05	4	<0.5	<0.2
1213821	Soil	65	23	0.51	322	0.017	4	1.54	0.008	0.14	0.2	0.01	3.2	0.1	<0.05	5	0.5	<0.2
REP 1213821	QC	63	23	0.49	315	0.017	3	1.50	0.007	0.14	0.2	<0.01	2.9	0.1	<0.05	4	<0.5	<0.2
1060556	Soil	19	31	0.59	240	0.073	<1	1.84	0.013	0.05	0.1	0.03	4.2	<0.1	<0.05	6	<0.5	<0.2
REP 1060556	QC	20	31	0.60	240	0.075	<1	1.89	0.014	0.05	0.1	0.03	4.1	<0.1	<0.05	6	<0.5	<0.2
1062298	Soil	22	31	0.69	216	0.040	1	1.82	0.013	0.06	0.2	0.05	4.0	0.1	0.07	5	0.7	<0.2
REP 1062298	QC	23	31	0.68	217	0.040	2	1.76	0.013	0.06	0.2	0.04	4.1	0.1	0.06	5	0.7	<0.2
1257620	Soil	17	26	0.58	211	0.046	1	1.51	0.016	0.08	0.2	0.04	3.7	<0.1	<0.05	4	<0.5	<0.2
REP 1257620	QC	16	25	0.58	200	0.043	1	1.43	0.015	0.07	0.1	0.04	3.7	<0.1	<0.05	4	0.9	<0.2
1257634	Soil	17	42	0.54	258	0.054	1	1.67	0.011	0.10	<0.1	0.03	2.9	0.1	<0.05	5	0.9	<0.2
REP 1257634	QC	16	43	0.52	252	0.056	2	1.70	0.015	0.10	0.1	0.03	3.2	0.1	<0.05	5	<0.5	<0.2
1257623	Soil	14	31	0.44	220	0.048	1	1.60	0.009	0.05	0.2	0.04	3.5	<0.1	<0.05	5	0.8	<0.2
REP 1257623	QC	14	31	0.44	219	0.046	1	1.65	0.014	0.05	0.1	0.04	3.5	0.1	<0.05	5	0.7	<0.2
1065955	Soil	21	28	0.36	224	0.038	1	1.53	0.009	0.06	0.1	0.03	3.0	0.1	<0.05	5	<0.5	<0.2
REP 1065955	QC	21	28	0.36	234	0.041	1	1.57	0.010	0.06	0.1	0.02	3.2	0.1	<0.05	5	<0.5	<0.2
1257661	Soil	20	34	0.59	170	0.058	2	1.60	0.013	0.06	0.3	0.04	3.1	0.1	<0.05	5	<0.5	<0.2
REP 1257661	QC	19	34	0.55	163	0.054	2	1.53	0.013	0.06	0.3	0.06	2.9	0.1	<0.05	5	<0.5	<0.2
1213856	Soil	26	38	0.55	777	0.036	2	1.64	0.013	0.08	0.2	0.05	5.5	0.1	<0.05	4	1.1	<0.2
REP 1213856	QC	25	37	0.52	723	0.038	2	1.50	0.013	0.09	0.2	0.06	5.4	0.1	<0.05	4	0.9	<0.2
1213550	Soil	24	21	0.43	107	0.041	2	1.36	0.012	0.05	<0.1	0.02	2.5	<0.1	<0.05	4	<0.5	<0.2
REP 1213550	QC	23	21	0.41	107	0.039	2	1.34	0.011	0.06	<0.1	0.02	2.4	<0.1	<0.05	4	0.6	<0.2

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		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1213872	Soil	1.4	24.4	24.6	62	0.6	22.5	10.7	547	2.42	38.2	3.3	12.2	5.8	68	0.2	0.4	0.2	38	0.72	0.094
REP 1213872	QC	1.6	24.1	23.6	61	0.5	21.4	10.8	545	2.40	38.0	3.3	9.6	6.0	67	0.3	0.4	0.2	40	0.71	0.092
1124064	Soil	1.0	50.4	130.2	324	0.7	17.1	10.2	500	2.65	56.8	1.4	10.2	3.0	40	1.0	0.5	0.3	51	0.40	0.056
REP 1124064	QC	1.1	52.9	128.9	330	0.7	17.1	10.2	503	2.70	59.4	1.4	14.6	3.0	41	1.2	0.3	0.3	53	0.43	0.057
1115133	Soil	1.1	90.5	85.5	464	0.2	9.1	9.5	1369	4.36	4.4	1.0	3.0	4.5	60	0.7	0.4	0.2	66	0.56	0.149
REP 1115133	QC	1.1	87.8	85.5	454	0.2	9.2	10.3	1449	4.46	4.4	1.0	3.3	4.5	59	0.7	0.4	0.2	68	0.56	0.141
1115119	Soil	1.1	15.0	13.0	59	<0.1	16.2	9.3	535	3.03	4.5	1.0	1.6	6.2	26	<0.1	0.3	0.2	50	0.42	0.052
REP 1115119	QC	1.1	15.8	13.8	63	<0.1	16.7	10.1	575	3.21	4.6	1.0	1.5	6.4	27	<0.1	0.3	0.2	52	0.45	0.055
Reference Materials																					
STD DS8	Standard	12.4	104.2	120.0	291	1.7	35.8	7.1	589	2.38	24.0	2.8	111.6	6.8	64	2.2	5.0	5.7	41	0.67	0.073
STD DS8	Standard	13.5	111.8	128.1	314	1.8	38.9	7.7	617	2.52	24.4	2.8	112.2	6.7	68	2.3	5.7	6.5	43	0.70	0.083
STD DS8	Standard	13.5	104.2	125.4	305	1.9	36.1	7.5	611	2.46	25.0	2.8	112.1	6.9	69	2.3	5.3	6.2	42	0.70	0.077
STD DS8	Standard	13.5	108.4	125.7	310	1.8	35.7	7.3	616	2.46	24.7	3.0	105.6	7.3	73	2.4	5.6	6.7	42	0.71	0.078
STD DS8	Standard	12.6	105.2	126.7	305	1.7	36.9	7.4	582	2.37	24.6	2.9	119.0	7.1	67	2.2	5.2	6.8	41	0.68	0.074
STD DS8	Standard	13.6	111.6	129.4	316	1.8	39.0	7.8	630	2.53	25.4	2.9	121.3	7.2	71	2.2	4.9	6.3	44	0.71	0.081
STD DS8	Standard	15.0	116.0	132.5	332	1.9	41.1	8.2	681	2.66	24.3	3.1	115.5	7.8	79	2.2	5.7	6.6	48	0.81	0.084
STD DS8	Standard	14.1	117.8	132.9	334	1.9	41.2	8.1	660	2.72	27.1	3.0	112.3	7.6	72	2.6	5.6	7.3	46	0.72	0.087
STD DS8	Standard	12.2	106.1	118.8	291	1.7	36.7	7.2	583	2.37	24.4	2.6	101.7	6.6	70	2.4	5.6	6.3	40	0.66	0.078
STD DS8	Standard	13.3	106.2	118.9	297	1.6	36.6	7.3	591	2.38	22.2	2.7	107.8	6.6	59	2.1	4.8	5.9	39	0.65	0.075
STD DS8	Standard	11.7	98.5	117.4	280	1.7	33.8	6.9	539	2.15	21.9	2.6	108.6	6.5	56	2.3	4.9	5.7	37	0.60	0.069
STD DS8	Standard	12.8	102.7	122.2	292	1.8	36.3	6.9	583	2.57	22.7	3.0	111.1	7.1	61	2.2	4.8	6.0	40	0.66	0.073
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1213872	Soil	92	32	0.51	444	0.042	1	1.71	0.014	0.10	0.1	0.06	4.2	0.1	<0.05	4	1.2	<0.2
REP 1213872	QC	91	33	0.50	436	0.045	1	1.68	0.015	0.10	0.1	0.07	4.1	0.1	<0.05	4	1.0	<0.2
1124064	Soil	17	25	0.50	336	0.036	2	1.75	0.012	0.08	0.2	0.06	3.8	0.1	0.06	6	<0.5	<0.2
REP 1124064	QC	17	26	0.51	339	0.040	3	1.83	0.012	0.08	0.2	0.06	3.9	0.1	<0.05	6	<0.5	<0.2
1115133	Soil	16	14	0.85	405	0.112	2	2.01	0.011	0.44	0.1	0.02	5.5	0.3	0.16	6	0.5	<0.2
REP 1115133	QC	16	14	0.87	401	0.118	2	2.03	0.011	0.45	0.1	0.02	5.5	0.3	0.14	7	<0.5	<0.2
1115119	Soil	20	25	0.61	357	0.052	2	1.94	0.010	0.11	0.1	0.01	4.0	0.1	<0.05	7	<0.5	<0.2
REP 1115119	QC	19	26	0.63	349	0.056	3	2.01	0.011	0.12	0.1	0.02	4.2	0.1	<0.05	7	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	14	113	0.56	264	0.115	3	0.94	0.105	0.41	2.8	0.21	3.1	5.1	0.11	4	4.7	4.7
STD DS8	Standard	15	118	0.63	274	0.113	2	0.97	0.124	0.43	3.1	0.20	2.6	5.6	0.17	5	5.4	5.1
STD DS8	Standard	15	117	0.62	281	0.118	2	0.95	0.101	0.43	3.0	0.18	2.4	5.4	0.14	5	5.2	4.7
STD DS8	Standard	16	120	0.61	290	0.124	2	0.97	0.105	0.47	3.1	0.22	2.9	5.3	0.14	5	5.3	5.0
STD DS8	Standard	16	112	0.61	291	0.113	2	1.02	0.109	0.42	3.0	0.20	3.3	5.4	0.14	5	5.1	4.6
STD DS8	Standard	15	119	0.62	281	0.121	2	0.93	0.103	0.43	3.0	0.23	2.9	5.4	0.06	5	5.1	4.6
STD DS8	Standard	18	131	0.67	298	0.119	2	1.07	0.115	0.46	3.1	0.18	2.6	5.6	0.19	5	5.1	5.2
STD DS8	Standard	16	126	0.66	296	0.127	2	1.00	0.098	0.45	2.9	0.20	3.0	5.8	0.15	5	4.9	4.7
STD DS8	Standard	15	111	0.57	267	0.118	3	0.93	0.117	0.42	3.0	0.19	2.9	5.2	0.11	5	4.3	4.5
STD DS8	Standard	15	115	0.59	257	0.110	2	0.87	0.084	0.36	2.8	0.17	2.4	5.1	0.20	5	4.8	4.8
STD DS8	Standard	13	104	0.58	242	0.104	2	0.80	0.076	0.38	2.7	0.19	1.8	5.0	0.14	4	3.8	4.5
STD DS8	Standard	15	112	0.61	269	0.113	3	0.87	0.086	0.40	2.8	0.18	2.1	5.3	0.15	4	5.0	4.9
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

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

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

Project: FLU
Report Date: November 11, 2011

QUALITY CONTROL REPORT WHI11001816.1

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

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

www.acmelab.com

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

Submitted By: Mike Skead
Receiving Lab: Canada-Whitehorse
Received: October 18, 2011
Report Date: November 09, 2011
Page: 1 of 10

CERTIFICATE OF ANALYSIS WHI11001817.1

CLIENT JOB INFORMATION

Project: FLU
Shipment ID: FLU2011-02
P.O. Number
Number of Samples: 247

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
PICKUP-RJT Client to Pickup Rejects

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	247	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	247	Dry at 60C			WHI
RJSV	247	Saving all or part of Soil Reject			VAN
1DX2	247	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Ian Gendall
Shawn Ryan
Isaac Fage

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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

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Vancouver BC V6C 1H2 Canada

Project: FLU
Report Date: November 09, 2011

CERTIFICATE OF ANALYSIS WHI11001817.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1213516	Soil	0.8	20.0	15.6	63	0.1	22.0	9.3	508	2.12	78.7	0.7	6.1	2.3	52	0.4	0.5	0.3	34	1.74	0.059
1213518	Soil	0.8	32.6	44.4	188	0.4	35.1	13.0	593	2.58	179.9	1.4	39.4	4.2	41	1.4	0.6	0.2	42	1.23	0.070
1213519	Soil	1.7	46.0	100.0	474	0.9	34.6	15.3	577	3.72	488.4	1.4	187.8	6.5	34	2.3	1.0	0.3	50	0.59	0.085
1213533	Soil	1.0	13.3	22.4	74	0.2	17.1	5.9	185	2.07	54.3	1.2	7.1	4.6	20	0.2	0.4	0.2	44	0.26	0.066
1213540	Soil	2.0	29.1	29.9	85	0.2	35.6	10.0	339	2.86	63.5	0.7	1.4	3.1	19	0.6	0.6	0.2	69	0.19	0.058
1213521	Soil	2.0	33.6	47.1	117	0.6	28.9	13.7	544	3.31	547.9	1.3	57.7	5.4	22	0.6	0.8	0.2	46	0.23	0.056
1213538	Soil	2.2	40.0	18.8	114	0.4	39.5	10.5	238	2.85	34.7	1.7	3.7	3.9	24	0.4	0.8	0.2	74	0.25	0.042
1213535	Soil	2.0	43.5	29.9	86	0.3	60.8	13.3	474	3.30	47.2	1.5	3.5	4.0	36	0.3	0.8	0.2	73	0.51	0.044
1213532	Soil	1.2	20.2	32.5	67	0.4	16.2	6.1	229	2.15	103.5	2.6	16.5	4.1	19	0.2	0.4	0.3	45	0.23	0.074
1213536	Soil	1.5	43.6	20.2	104	0.1	87.9	18.8	596	3.70	60.7	1.4	<0.5	7.9	28	0.4	0.9	0.2	71	0.38	0.062
1213534	Soil	1.1	25.4	17.2	77	0.3	25.2	8.6	244	2.60	47.0	2.0	5.4	4.6	34	0.3	0.5	0.2	56	0.51	0.064
1213537	Soil	2.1	47.7	25.6	102	1.1	54.4	13.5	585	3.34	48.0	1.8	6.9	3.5	53	0.8	0.6	0.2	79	0.86	0.099
1213539	Soil	2.4	41.8	38.6	107	0.4	34.7	10.2	301	2.98	58.3	1.5	3.8	5.8	27	0.4	0.8	0.2	67	0.26	0.045
1213541	Soil	1.9	31.7	54.4	79	0.4	32.1	9.9	361	2.87	40.4	0.9	2.5	3.6	24	0.3	0.5	0.2	71	0.24	0.037
1213522	Soil	1.6	36.5	48.3	132	0.6	36.5	15.7	637	3.00	412.8	1.6	49.3	3.9	30	0.8	0.8	0.3	48	0.32	0.060
1213531	Soil	1.5	17.7	39.3	95	0.4	21.2	6.8	229	2.33	131.8	1.5	26.2	6.5	24	0.2	0.4	0.3	38	0.28	0.083
1213520	Soil	2.0	55.6	689.0	1157	2.0	39.0	14.2	715	3.54	344.0	1.8	101.0	5.0	34	12.7	0.9	0.3	55	0.57	0.073
1213530	Soil	1.5	25.1	55.8	121	0.5	31.7	13.0	514	3.10	210.9	1.8	40.8	8.0	24	0.3	0.5	0.2	54	0.31	0.087
1213528	Soil	2.6	39.3	71.8	122	0.7	28.4	10.5	442	3.09	462.7	2.1	116.3	5.2	47	0.5	0.9	0.3	46	0.45	0.076
1213529	Soil	2.6	71.2	162.8	220	0.9	42.9	15.1	750	3.58	638.5	2.5	347.6	7.4	51	1.3	1.1	0.5	46	0.39	0.075
1213526	Soil	3.3	48.6	143.0	165	0.6	35.7	17.6	1069	3.66	972.3	1.5	185.9	11.1	37	0.6	1.5	0.4	56	0.35	0.103
1213527	Soil	2.3	46.2	65.7	131	1.1	33.9	16.5	698	2.90	247.1	2.7	67.4	3.5	40	0.8	0.6	0.3	51	0.48	0.078
1213524	Soil	1.6	35.2	34.7	124	0.3	31.2	14.0	551	3.18	314.6	1.2	30.0	5.3	18	0.5	0.6	0.2	52	0.19	0.042
1213525	Soil	1.8	34.5	51.9	169	0.4	37.2	14.9	553	3.71	490.6	1.1	64.8	6.1	18	0.7	0.7	0.2	63	0.20	0.050
1213523	Soil	1.6	37.4	37.8	133	0.3	33.1	15.1	571	3.39	323.1	1.4	36.7	5.7	19	0.6	0.6	0.2	55	0.21	0.044
1109448	Soil	1.6	45.2	17.2	81	0.3	40.8	15.5	813	3.79	152.3	2.9	11.6	7.8	30	0.2	1.1	0.2	54	0.46	0.071
1109449	Soil	1.7	51.7	16.7	83	0.4	42.0	17.2	1109	3.74	182.3	3.2	20.9	7.5	35	0.2	1.5	0.2	47	0.50	0.088
1109469	Soil	1.5	33.2	13.7	70	<0.1	30.9	12.8	528	3.56	106.1	1.2	13.5	7.5	20	<0.1	0.7	0.2	66	0.19	0.025
1109471	Soil	1.4	44.6	17.1	80	<0.1	38.2	19.0	919	4.11	232.4	1.6	22.7	9.9	17	0.1	0.9	0.2	54	0.16	0.032
1109374	Soil	1.6	43.5	13.9	72	0.1	29.9	13.9	814	3.18	123.3	1.6	7.4	6.7	17	0.2	0.9	0.3	54	0.27	0.082

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

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

Project: FLU
Report Date: November 09, 2011

CERTIFICATE OF ANALYSIS WHI11001817.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1213516	Soil		15	22	0.58	186	0.032	2	1.17	0.013	0.04	0.2	0.03	2.7	<0.1	0.10	4	<0.5	<0.2
1213518	Soil		21	32	0.65	302	0.037	2	1.54	0.010	0.05	0.2	0.05	4.1	0.1	0.11	5	0.6	<0.2
1213519	Soil		26	35	0.92	298	0.065	1	1.90	0.009	0.17	0.2	0.04	4.9	0.2	0.07	5	<0.5	<0.2
1213533	Soil		17	29	0.54	115	0.051	1	1.38	0.012	0.06	0.2	0.05	2.3	0.1	<0.05	5	<0.5	<0.2
1213540	Soil		14	72	0.67	285	0.062	1	1.70	0.009	0.08	0.2	0.01	2.9	0.1	0.07	6	<0.5	<0.2
1213521	Soil		23	32	0.60	158	0.047	1	1.79	0.008	0.10	0.1	0.04	3.2	0.1	0.05	6	<0.5	<0.2
1213538	Soil		16	45	0.63	1115	0.076	1	1.71	0.012	0.05	0.2	0.03	4.1	0.1	0.06	6	0.6	<0.2
1213535	Soil		19	85	1.02	585	0.071	1	1.98	0.012	0.15	0.1	0.03	4.1	0.2	0.05	6	0.6	<0.2
1213532	Soil		20	29	0.44	106	0.043	1	1.31	0.011	0.05	0.1	0.05	2.2	0.1	0.09	5	0.7	<0.2
1213536	Soil		21	109	1.42	481	0.107	1	2.19	0.013	0.43	<0.1	0.03	4.6	0.3	0.06	7	0.5	<0.2
1213534	Soil		22	33	0.58	386	0.044	2	1.77	0.015	0.07	0.2	0.06	4.6	0.1	0.08	6	<0.5	<0.2
1213537	Soil		21	63	1.00	2610	0.084	1	2.15	0.014	0.12	0.2	0.04	5.5	0.1	0.07	7	0.6	<0.2
1213539	Soil		20	46	0.67	498	0.054	1	1.80	0.013	0.06	0.2	0.02	3.9	0.1	<0.05	6	0.8	<0.2
1213541	Soil		13	75	0.72	298	0.079	<1	1.83	0.013	0.09	0.2	0.03	3.6	0.1	<0.05	6	<0.5	<0.2
1213522	Soil		22	45	0.68	178	0.056	1	1.93	0.010	0.09	0.2	0.04	3.8	0.2	0.06	6	<0.5	<0.2
1213531	Soil		29	45	0.66	128	0.043	1	1.59	0.010	0.09	0.1	0.05	2.6	0.2	0.07	7	0.6	<0.2
1213520	Soil		25	47	0.77	250	0.058	2	2.08	0.012	0.08	0.2	0.07	5.1	0.1	0.07	6	0.7	<0.2
1213530	Soil		26	69	0.79	158	0.062	1	1.96	0.014	0.08	0.1	0.05	3.7	0.2	0.06	7	0.6	<0.2
1213528	Soil		22	39	0.59	155	0.034	1	1.61	0.009	0.08	0.1	0.03	2.6	0.1	0.09	5	0.9	<0.2
1213529	Soil		24	56	0.81	191	0.044	<1	1.66	0.011	0.13	0.1	0.02	3.1	0.1	0.06	5	1.1	<0.2
1213526	Soil		28	65	0.75	193	0.039	<1	1.60	0.009	0.09	0.1	0.02	3.1	0.1	0.06	6	0.7	<0.2
1213527	Soil		32	52	0.68	324	0.042	1	1.92	0.010	0.09	0.1	0.06	4.3	0.1	0.07	6	0.9	<0.2
1213524	Soil		20	41	0.69	126	0.069	<1	1.82	0.009	0.10	0.2	0.03	3.1	0.1	<0.05	6	<0.5	<0.2
1213525	Soil		19	52	0.74	149	0.081	1	2.40	0.010	0.10	0.2	0.05	3.4	0.2	<0.05	7	0.5	<0.2
1213523	Soil		21	44	0.74	126	0.074	1	1.97	0.010	0.10	0.2	0.02	3.2	0.2	<0.05	6	<0.5	<0.2
1109448	Soil		37	50	0.80	328	0.042	2	2.15	0.010	0.10	0.2	0.04	4.9	0.1	<0.05	6	0.8	<0.2
1109449	Soil		40	42	0.76	347	0.042	2	1.98	0.010	0.12	0.2	0.03	4.7	0.2	<0.05	5	0.9	<0.2
1109469	Soil		24	42	0.63	219	0.062	1	2.36	0.012	0.06	0.2	0.04	6.0	0.1	<0.05	7	<0.5	<0.2
1109471	Soil		34	38	0.57	256	0.051	<1	1.89	0.008	0.07	0.2	0.03	6.4	0.1	<0.05	6	<0.5	<0.2
1109374	Soil		24	38	0.66	311	0.047	1	1.73	0.007	0.11	0.2	0.02	3.1	0.2	<0.05	5	<0.5	<0.2

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

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Vancouver BC V6C 1H2 Canada

Project: FLU
Report Date: November 09, 2011

CERTIFICATE OF ANALYSIS WHI11001817.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1109387	Soil	1.2	51.0	19.0	88	<0.1	42.1	15.8	819	4.24	212.6	1.4	12.4	14.4	17	0.1	1.0	0.2	48	0.22	0.048
1109450	Soil	1.3	28.1	14.1	64	<0.1	27.2	11.8	512	3.24	90.4	1.0	2.7	6.9	16	0.1	0.7	0.2	56	0.20	0.039
1109388	Soil	1.3	42.9	13.9	76	0.1	35.2	15.2	588	3.85	88.2	1.2	5.7	9.6	16	<0.1	0.7	0.2	66	0.16	0.026
1109389	Soil	1.3	39.4	13.8	65	<0.1	31.0	12.0	594	3.33	75.9	1.5	10.1	6.9	22	<0.1	0.7	0.2	63	0.25	0.029
1109470	Soil	1.3	38.0	14.1	69	<0.1	33.3	13.0	591	3.59	99.4	1.3	15.0	7.2	23	<0.1	0.7	0.2	66	0.23	0.024
1109492	Soil	2.5	42.4	24.7	131	0.1	31.3	18.2	1088	4.01	80.1	1.5	3.1	9.5	46	0.2	0.6	0.3	84	0.84	0.223
1109491	Soil	1.8	29.6	21.8	88	0.2	50.8	14.4	418	3.32	177.9	1.2	10.8	7.3	38	0.1	0.6	0.2	67	0.46	0.068
1109489	Soil	1.8	33.3	21.3	88	0.1	32.6	12.7	474	2.99	137.6	1.5	7.5	7.7	38	0.2	0.7	0.2	58	0.46	0.088
1109490	Soil	1.6	29.0	21.3	87	0.1	49.1	14.2	408	3.23	175.7	1.1	10.0	7.4	37	0.3	0.6	0.2	69	0.44	0.068
1109488	Soil	2.1	31.7	24.5	87	0.3	31.8	13.7	558	2.70	104.1	1.3	5.4	7.1	39	0.4	0.7	0.2	51	0.44	0.077
1109487	Soil	2.1	26.9	19.1	83	0.3	29.5	11.3	326	2.97	223.5	1.1	13.2	4.1	28	0.2	0.8	0.2	54	0.31	0.065
1109485	Soil	1.6	45.6	26.8	98	0.7	37.0	13.9	417	3.08	179.4	2.2	17.6	6.1	38	0.6	1.0	0.3	51	0.37	0.077
1109486	Soil	1.7	40.9	24.5	90	0.4	31.9	12.5	343	3.19	259.4	1.5	21.0	5.1	32	0.2	1.1	0.2	55	0.35	0.077
1109482	Soil	1.7	26.5	17.1	37	0.4	10.5	2.7	95	1.66	149.3	0.9	4.5	0.2	11	0.1	0.7	0.2	37	0.07	0.041
1109484	Soil	2.1	36.8	29.2	75	0.7	26.3	9.6	363	2.89	239.3	2.3	23.8	4.0	34	0.3	1.0	0.3	47	0.34	0.090
1109483	Soil	2.2	39.7	31.3	94	0.7	30.9	12.6	561	2.95	291.8	2.0	30.3	5.5	34	0.4	1.3	0.3	43	0.40	0.105
1109477	Soil	1.1	34.7	15.9	77	0.1	31.9	14.0	602	3.34	57.4	1.6	8.4	7.9	21	<0.1	0.8	0.2	59	0.22	0.041
1109475	Soil	0.9	65.5	31.5	114	<0.1	65.1	30.7	2047	5.35	800.1	2.5	84.1	24.1	17	0.2	0.8	0.4	32	0.15	0.039
1109478	Soil	1.3	39.2	16.2	75	<0.1	38.2	17.0	776	3.59	174.2	1.6	13.3	8.8	20	0.2	1.0	0.2	48	0.19	0.035
1109480	Soil	1.5	26.1	12.0	55	0.3	25.1	11.7	300	3.01	34.3	0.9	2.8	4.6	14	0.2	0.7	0.2	65	0.12	0.022
1109479	Soil	1.0	57.1	20.3	80	0.1	35.8	22.3	1089	4.07	769.3	1.9	28.7	16.6	10	0.1	2.1	0.2	32	0.07	0.022
1109476	Soil	1.1	54.4	24.9	77	<0.1	30.2	20.5	1146	3.92	158.7	1.6	11.5	13.6	9	0.1	0.8	0.4	44	0.07	0.035
1109474	Soil	1.5	53.9	23.5	93	<0.1	41.7	18.6	992	4.31	234.7	1.9	20.2	16.4	15	<0.1	1.0	0.2	38	0.15	0.048
1109473	Soil	1.8	50.0	16.6	78	<0.1	35.1	17.2	885	3.84	202.6	1.7	16.8	11.1	21	0.2	0.8	0.2	50	0.18	0.027
1109481	Soil	1.4	22.6	14.6	51	0.5	22.2	9.5	255	3.44	160.6	0.8	7.2	3.8	11	0.2	1.0	0.2	69	0.10	0.030
1109472	Soil	1.4	48.8	15.8	89	<0.1	41.1	20.3	1076	4.35	281.1	1.8	23.5	14.8	17	0.1	0.9	0.2	39	0.14	0.025
1140416	Soil	1.2	22.2	14.3	22	0.1	6.0	3.3	202	1.85	4.2	0.6	2.8	1.1	14	0.2	0.3	0.2	54	0.11	0.031
1140409	Soil	1.7	17.2	19.1	42	<0.1	13.9	5.4	317	2.05	4.9	0.9	1.9	5.7	12	<0.1	0.3	0.4	37	0.13	0.029
1140418	Soil	1.7	19.5	10.2	64	<0.1	25.9	10.0	559	2.76	4.7	2.7	6.7	10.9	23	0.1	0.4	0.2	57	0.43	0.065
1140414	Soil	1.2	14.6	15.2	54	<0.1	20.3	9.9	365	3.06	9.3	0.7	0.8	5.3	13	<0.1	0.5	0.2	64	0.14	0.033

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

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

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1109387	Soil	44	53	1.05	521	0.070	<1	2.33	0.006	0.22	0.2	<0.01	3.9	0.3	<0.05	7	<0.5	<0.2
1109450	Soil	22	37	0.62	322	0.042	<1	1.99	0.009	0.07	0.2	0.02	3.2	0.1	<0.05	6	<0.5	<0.2
1109388	Soil	27	50	0.84	370	0.074	1	2.48	0.010	0.10	0.2	0.02	4.8	0.2	<0.05	7	<0.5	<0.2
1109389	Soil	26	45	0.65	272	0.061	1	2.04	0.011	0.05	0.1	0.05	6.8	0.1	<0.05	6	<0.5	<0.2
1109470	Soil	24	45	0.64	279	0.070	<1	2.26	0.012	0.06	0.1	0.04	7.0	0.1	<0.05	6	<0.5	<0.2
1109492	Soil	25	45	1.74	700	0.140	<1	2.56	0.008	0.73	0.1	0.01	5.0	0.5	<0.05	9	<0.5	<0.2
1109491	Soil	20	96	1.02	476	0.066	2	2.21	0.012	0.08	0.1	0.02	4.2	0.1	<0.05	7	0.7	<0.2
1109489	Soil	23	54	0.87	483	0.062	1	1.77	0.011	0.16	0.1	0.02	3.7	0.1	<0.05	6	1.0	<0.2
1109490	Soil	19	95	1.00	457	0.067	<1	2.17	0.011	0.09	0.2	0.02	4.1	0.1	<0.05	6	0.5	<0.2
1109488	Soil	22	45	0.67	544	0.058	1	1.60	0.013	0.08	0.1	0.03	3.7	<0.1	<0.05	5	0.9	<0.2
1109487	Soil	16	34	0.57	367	0.041	1	1.63	0.015	0.05	0.2	0.03	3.5	0.1	<0.05	5	1.7	<0.2
1109485	Soil	23	35	0.57	529	0.036	1	1.81	0.014	0.06	0.2	0.05	5.3	0.1	<0.05	5	1.7	<0.2
1109486	Soil	20	34	0.58	412	0.033	2	1.66	0.013	0.06	0.2	0.04	4.4	<0.1	<0.05	5	1.2	<0.2
1109482	Soil	9	19	0.12	89	0.020	<1	0.81	0.011	0.03	<0.1	0.03	0.7	<0.1	<0.05	4	0.8	<0.2
1109484	Soil	23	32	0.49	581	0.019	1	1.65	0.011	0.06	0.2	0.06	3.8	0.1	<0.05	5	1.9	<0.2
1109483	Soil	28	33	0.57	537	0.031	1	1.50	0.013	0.08	0.2	0.03	3.9	0.1	<0.05	4	1.1	<0.2
1109477	Soil	24	39	0.60	277	0.054	<1	2.17	0.013	0.08	0.1	0.05	6.9	0.1	<0.05	6	0.6	<0.2
1109475	Soil	61	53	0.80	289	0.064	<1	1.93	0.005	0.39	0.2	0.01	6.3	0.3	<0.05	6	1.1	<0.2
1109478	Soil	27	28	0.54	221	0.044	1	1.79	0.010	0.07	0.1	0.02	3.8	0.1	<0.05	4	0.9	<0.2
1109480	Soil	11	35	0.54	145	0.069	<1	2.33	0.011	0.05	0.1	0.04	3.4	<0.1	<0.05	5	1.2	<0.2
1109479	Soil	43	23	0.40	194	0.014	<1	1.71	0.006	0.10	<0.1	0.03	4.7	0.1	<0.05	4	1.1	<0.2
1109476	Soil	34	33	0.52	118	0.046	<1	1.94	0.006	0.15	0.1	0.02	3.1	0.2	<0.05	5	0.7	<0.2
1109474	Soil	50	37	0.65	257	0.031	2	1.73	0.007	0.16	<0.1	0.01	4.0	0.2	<0.05	5	0.8	<0.2
1109473	Soil	34	34	0.60	202	0.048	<1	2.01	0.012	0.08	0.1	0.03	6.0	0.2	<0.05	6	1.0	<0.2
1109481	Soil	11	35	0.46	186	0.052	<1	2.32	0.008	0.04	0.2	0.04	3.0	0.1	<0.05	7	0.7	<0.2
1109472	Soil	40	31	0.53	175	0.032	<1	1.63	0.006	0.09	0.3	0.01	5.3	0.1	<0.05	4	1.1	<0.2
1140416	Soil	11	19	0.11	131	0.033	<1	1.27	0.011	0.03	<0.1	0.03	1.5	0.1	<0.05	6	<0.5	<0.2
1140409	Soil	29	21	0.39	102	0.026	<1	1.24	0.007	0.06	0.1	0.02	1.7	<0.1	<0.05	5	0.8	<0.2
1140418	Soil	36	61	0.64	119	0.058	<1	1.50	0.015	0.07	0.2	0.02	3.4	0.1	<0.05	6	1.6	<0.2
1140414	Soil	14	33	0.50	122	0.054	<1	2.01	0.010	0.05	0.1	0.02	2.6	<0.1	<0.05	6	1.2	<0.2

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Vancouver BC V6C 1H2 Canada

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1140415	Soil	1.1	15.1	11.4	41	<0.1	12.8	6.1	338	2.19	5.4	0.8	1.9	2.2	11	<0.1	0.3	0.1	47	0.12	0.044
1140420	Soil	3.1	19.3	13.8	61	0.2	19.7	8.4	488	2.36	5.4	3.0	4.7	7.7	42	0.1	0.3	0.1	47	0.67	0.073
1140413	Soil	1.3	17.0	10.6	47	0.1	19.5	9.2	312	2.62	9.1	0.7	1.8	3.3	14	0.2	0.5	0.1	58	0.15	0.039
1140419	Soil	3.7	22.5	13.3	67	0.2	22.3	10.6	574	2.78	5.9	3.8	4.1	11.8	37	0.2	0.3	0.2	56	0.63	0.077
1140412	Soil	1.6	15.1	13.5	64	0.1	17.8	9.1	313	3.17	9.5	0.6	3.9	3.6	14	0.2	0.6	0.2	83	0.14	0.030
1140417	Soil	1.7	13.7	11.8	53	<0.1	17.5	8.4	413	3.04	8.1	0.5	2.1	3.9	14	0.5	0.4	0.2	71	0.12	0.029
1140411	Soil	1.6	18.6	14.1	53	<0.1	20.3	8.6	410	2.86	8.0	1.0	2.1	10.1	16	<0.1	0.4	0.2	68	0.16	0.024
1140410	Soil	1.4	19.7	13.2	58	<0.1	22.3	10.1	371	3.04	8.4	0.9	1.6	9.6	14	<0.1	0.5	0.1	66	0.12	0.016
1140427	Soil	1.9	32.0	42.9	103	0.7	24.0	7.1	220	2.20	160.8	2.4	27.8	5.6	33	0.7	0.5	0.2	48	0.38	0.055
1140428	Soil	2.3	43.1	34.5	111	0.8	36.1	17.5	647	2.62	143.3	3.1	19.5	4.8	34	0.6	0.6	0.2	55	0.36	0.069
1140430	Soil	2.3	28.9	46.0	100	0.6	24.4	11.0	400	3.04	458.2	1.3	36.0	3.2	19	0.5	0.9	0.2	56	0.23	0.064
1140429	Soil	2.2	28.6	40.8	93	0.5	30.7	11.0	274	2.79	107.2	2.8	15.4	7.1	56	0.3	0.5	0.2	58	0.72	0.081
1140431	Soil	2.6	32.0	49.9	110	0.7	27.2	12.4	460	3.30	507.6	1.3	42.2	3.5	21	0.3	0.9	0.3	59	0.23	0.075
1140426	Soil	2.7	55.0	79.1	115	1.7	34.2	8.7	417	2.22	288.4	6.2	34.7	2.6	71	0.7	0.5	0.2	36	0.84	0.082
1140424	Soil	2.2	96.0	187.9	304	1.8	56.6	17.9	941	3.60	939.5	4.9	266.1	7.4	43	2.5	1.1	0.2	56	0.50	0.073
1140423	Soil	5.3	36.7	42.9	110	0.7	28.6	11.5	658	3.30	36.6	4.6	38.2	5.9	61	0.6	0.9	0.2	57	1.09	0.088
1140425	Soil	3.2	33.1	111.4	105	1.4	24.3	5.8	247	1.92	286.9	1.3	49.4	4.2	16	0.7	0.7	0.2	44	0.13	0.045
1140421	Soil	3.1	19.9	15.2	63	0.2	21.6	10.7	646	2.66	6.7	2.9	11.4	9.1	40	0.2	0.4	0.2	51	0.65	0.068
1140422	Soil	4.9	18.6	20.9	72	0.2	22.1	12.7	804	3.22	9.9	2.9	5.2	6.7	47	0.1	0.4	0.2	58	0.75	0.071
1140432	Soil	2.2	30.0	62.3	108	0.8	28.9	11.2	465	2.87	477.7	1.4	57.8	3.9	25	0.4	0.8	0.2	55	0.28	0.087
1140433	Soil	1.5	28.4	36.2	109	0.4	27.6	13.4	390	2.87	172.8	1.7	20.2	7.9	26	0.4	0.7	0.2	51	0.34	0.072
1140434	Soil	1.8	29.4	33.9	116	0.4	28.7	13.4	465	3.09	134.8	1.8	19.7	7.5	26	0.4	0.5	0.2	58	0.34	0.095
1140436	Soil	1.6	25.8	31.9	89	0.5	24.9	10.7	391	2.79	86.7	1.6	9.1	5.3	24	0.2	0.4	0.2	51	0.28	0.075
1140440	Soil	1.2	21.6	23.8	81	0.3	26.7	12.5	522	2.65	56.5	1.3	7.1	6.1	37	0.3	0.4	0.2	51	0.46	0.079
1140435	Soil	2.3	49.9	40.1	100	0.4	32.3	12.3	421	3.04	195.2	2.1	16.3	6.0	27	0.9	0.6	0.2	61	0.31	0.087
1140438	Soil	1.4	22.9	20.4	83	0.3	33.9	13.8	519	2.69	59.9	1.3	11.3	5.7	34	0.3	0.4	0.2	56	0.44	0.077
1140437	Soil	1.6	24.5	26.0	90	0.3	28.9	13.9	496	2.96	68.0	1.5	11.5	6.9	32	0.3	0.4	0.2	60	0.40	0.085
1140439	Soil	1.7	25.9	25.1	93	0.4	33.9	12.7	482	2.96	68.6	1.2	10.6	6.4	37	0.2	0.5	0.2	59	0.46	0.075
1140229	Soil	2.0	18.7	20.4	67	0.3	20.7	7.0	248	2.67	202.6	1.0	11.6	3.4	22	0.2	0.5	0.2	45	0.26	0.068
1140225	Soil	1.6	24.2	19.6	82	0.3	29.1	12.8	337	3.60	177.8	1.4	8.4	7.1	21	0.2	0.6	0.2	50	0.29	0.085

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1140415	Soil	16	22	0.33	82	0.036	<1	1.35	0.010	0.05	<0.1	0.03	1.6	<0.1	<0.05	5	<0.5	<0.2
1140420	Soil	39	29	0.51	251	0.050	1	1.56	0.016	0.07	0.2	0.04	4.2	<0.1	<0.05	5	1.1	<0.2
1140413	Soil	10	33	0.46	140	0.047	<1	2.36	0.011	0.04	0.1	0.06	2.8	<0.1	<0.05	5	1.0	<0.2
1140419	Soil	60	33	0.60	234	0.042	<1	1.86	0.015	0.06	0.2	0.05	4.7	<0.1	<0.05	6	0.9	<0.2
1140412	Soil	12	35	0.41	167	0.064	<1	2.19	0.009	0.04	0.1	0.02	2.9	<0.1	<0.05	8	1.0	<0.2
1140417	Soil	12	27	0.38	167	0.059	<1	1.95	0.011	0.04	0.1	0.01	2.3	<0.1	<0.05	7	0.8	<0.2
1140411	Soil	22	32	0.49	193	0.063	<1	2.12	0.009	0.05	0.1	0.03	3.1	0.1	<0.05	7	0.9	<0.2
1140410	Soil	18	34	0.55	166	0.054	<1	2.40	0.009	0.05	0.1	0.02	3.4	0.1	<0.05	7	1.2	<0.2
1140427	Soil	21	40	0.56	233	0.052	<1	1.46	0.011	0.06	0.2	0.04	2.7	0.1	<0.05	5	1.3	<0.2
1140428	Soil	36	45	0.63	260	0.051	<1	1.61	0.011	0.08	0.2	0.03	3.5	0.1	<0.05	5	2.1	<0.2
1140430	Soil	17	37	0.56	192	0.035	<1	1.54	0.009	0.06	0.2	0.04	2.8	0.1	<0.05	5	1.6	<0.2
1140429	Soil	25	58	0.78	257	0.065	<1	1.61	0.012	0.11	0.1	0.04	3.5	0.2	<0.05	5	2.1	<0.2
1140431	Soil	18	40	0.62	194	0.035	2	1.66	0.010	0.07	0.2	0.04	3.1	0.1	<0.05	5	0.6	<0.2
1140426	Soil	31	36	0.45	382	0.025	2	1.31	0.016	0.09	0.1	0.08	2.9	0.1	0.09	4	1.0	<0.2
1140424	Soil	40	62	0.89	282	0.052	1	1.94	0.011	0.13	0.2	0.04	4.8	0.2	<0.05	6	0.6	<0.2
1140423	Soil	32	37	0.72	498	0.018	1	1.99	0.012	0.08	0.1	0.07	5.3	0.1	<0.05	6	1.2	<0.2
1140425	Soil	22	39	0.32	137	0.042	2	0.99	0.010	0.08	0.2	0.03	2.2	0.1	<0.05	5	<0.5	<0.2
1140421	Soil	32	33	0.57	313	0.049	2	1.73	0.016	0.07	0.2	0.04	4.9	<0.1	<0.05	5	<0.5	<0.2
1140422	Soil	30	37	0.49	405	0.024	1	2.14	0.013	0.07	0.2	0.05	5.6	0.1	<0.05	6	<0.5	<0.2
1140432	Soil	17	46	0.64	269	0.042	2	1.61	0.012	0.08	0.3	0.04	3.5	0.1	<0.05	5	<0.5	<0.2
1140433	Soil	27	49	0.71	335	0.056	2	1.72	0.014	0.10	0.2	0.03	3.5	0.1	<0.05	5	<0.5	<0.2
1140434	Soil	25	76	0.96	343	0.066	2	1.83	0.012	0.13	0.2	0.04	3.7	0.2	<0.05	7	0.6	<0.2
1140436	Soil	27	45	0.68	367	0.052	1	1.73	0.013	0.09	0.1	0.04	3.4	0.2	<0.05	6	<0.5	<0.2
1140440	Soil	24	47	0.68	269	0.066	1	1.67	0.014	0.09	0.2	0.04	3.7	0.1	<0.05	5	<0.5	<0.2
1140435	Soil	29	52	0.67	470	0.041	<1	1.62	0.011	0.09	0.2	0.05	3.8	0.1	<0.05	6	<0.5	<0.2
1140438	Soil	22	76	0.79	285	0.071	2	1.70	0.013	0.10	0.2	0.05	4.0	0.1	<0.05	6	<0.5	<0.2
1140437	Soil	29	58	0.80	359	0.065	1	1.84	0.014	0.11	0.2	0.04	4.2	0.2	<0.05	6	<0.5	<0.2
1140439	Soil	24	88	0.87	280	0.083	2	1.86	0.016	0.12	0.2	0.03	3.7	0.1	<0.05	6	<0.5	<0.2
1140229	Soil	21	30	0.50	141	0.037	1	1.50	0.011	0.07	0.2	0.04	2.8	0.1	<0.05	5	<0.5	<0.2
1140225	Soil	28	42	0.62	211	0.040	2	1.86	0.011	0.08	0.2	0.03	3.8	0.2	<0.05	6	<0.5	<0.2

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www.acmelab.com

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

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CERTIFICATE OF ANALYSIS WHI11001817.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1140241	Soil	1.2	25.4	21.2	94	0.2	81.0	18.2	502	3.59	67.8	1.3	10.3	7.3	57	0.2	0.4	0.2	62	0.84	0.122
1140227	Soil	1.9	19.9	18.1	75	0.2	25.9	9.5	342	2.91	138.8	0.9	9.4	5.4	19	0.2	0.7	0.2	44	0.23	0.066
1140220	Soil	1.6	23.7	23.7	70	0.2	26.3	10.6	570	2.55	7.1	1.5	3.1	9.8	35	0.2	0.5	0.2	50	0.52	0.062
1140226	Soil	1.8	24.4	21.2	84	0.4	29.6	12.9	362	3.56	174.2	1.5	8.9	6.9	21	0.2	0.7	0.3	52	0.29	0.081
1140228	Soil	1.6	19.1	19.7	77	0.3	21.8	10.1	348	3.03	196.6	1.0	11.2	4.5	18	0.2	0.6	0.2	49	0.20	0.065
1140221	Soil	0.7	25.8	21.4	86	0.3	27.6	10.1	329	2.59	37.6	0.8	4.8	3.2	46	0.6	0.8	0.2	53	1.04	0.065
1140224	Soil	1.0	22.2	16.3	72	0.2	22.2	9.4	562	2.18	115.9	1.2	8.3	1.7	61	0.5	0.9	0.2	41	1.67	0.063
1140222	Soil	1.1	32.9	21.1	72	0.2	31.0	13.8	1317	2.76	129.6	1.4	4.9	3.3	48	0.6	1.2	0.3	46	1.12	0.068
1140223	Soil	0.9	34.2	21.8	78	0.2	30.8	13.6	930	2.85	129.2	1.3	6.8	3.6	48	0.7	1.3	0.3	48	1.14	0.072
1140231	Soil	3.0	37.1	28.8	86	0.8	28.3	13.0	481	3.32	690.4	1.6	50.5	4.8	21	0.3	1.3	0.3	54	0.22	0.071
1140230	Soil	1.5	20.1	17.5	68	0.3	19.8	7.6	204	2.67	205.6	1.0	11.3	3.5	19	0.2	0.6	0.2	43	0.22	0.058
1140240	Soil	1.4	19.9	24.1	74	0.2	44.5	14.3	559	2.86	41.4	1.3	5.0	6.9	43	0.2	0.3	0.2	52	0.56	0.096
1140236	Soil	2.2	29.3	108.5	164	0.7	26.9	11.1	422	2.66	269.2	1.6	98.5	5.8	39	0.8	0.7	0.2	49	0.43	0.085
1140239	Soil	1.2	23.2	27.1	94	0.3	31.6	13.7	452	3.02	103.1	1.2	11.8	6.4	41	0.3	0.5	0.2	61	0.52	0.100
1140232	Soil	1.9	24.9	29.6	99	0.5	26.6	9.1	221	2.86	334.4	1.0	28.1	3.7	23	0.4	0.8	0.2	53	0.26	0.069
1140219	Soil	1.9	20.0	14.8	53	0.2	18.1	6.0	230	2.32	7.8	2.6	19.7	1.8	74	0.2	0.4	0.2	46	0.98	0.059
1140237	Soil	2.5	19.8	34.5	98	0.3	22.8	10.6	383	2.75	119.8	1.1	13.4	6.0	33	0.2	0.5	0.2	52	0.39	0.077
1140234	Soil	2.0	28.0	53.5	115	0.5	26.3	16.4	869	2.82	247.9	1.7	24.9	6.4	36	0.6	0.8	0.2	49	0.42	0.084
1140238	Soil	1.5	28.1	26.0	106	0.2	46.9	18.1	500	3.56	58.9	1.4	4.3	8.6	36	0.2	0.4	0.2	69	0.55	0.101
1140233	Soil	2.2	31.8	65.8	123	0.7	28.4	16.4	1143	2.83	468.1	1.6	59.2	3.6	27	0.5	0.8	0.2	51	0.30	0.076
1140209	Soil	1.9	21.9	17.7	53	0.2	20.1	7.6	644	2.87	7.8	2.7	1.8	7.3	27	0.2	0.4	0.2	65	0.25	0.046
1140208	Soil	0.8	21.9	11.8	54	<0.1	19.9	10.6	445	2.69	7.2	1.3	2.6	9.5	21	<0.1	0.4	0.1	61	0.22	0.024
1140235	Soil	1.2	29.4	30.1	109	0.3	25.3	9.2	232	2.46	78.9	1.6	13.7	8.3	24	0.4	0.7	0.2	49	0.33	0.065
1140215	Soil	0.8	16.5	10.4	55	<0.1	21.8	11.0	330	2.97	9.7	0.7	1.0	8.1	13	0.1	0.5	0.2	61	0.13	0.023
1140213	Soil	1.4	17.8	11.9	50	<0.1	15.9	7.4	269	2.85	8.0	1.2	0.7	13.9	12	0.1	0.5	0.2	59	0.10	0.020
1140217	Soil	1.2	12.3	12.0	56	<0.1	17.1	8.0	347	3.06	7.2	0.7	1.9	6.0	15	0.1	0.4	0.2	62	0.17	0.032
1140212	Soil	1.2	21.8	14.8	60	<0.1	22.4	9.4	410	3.13	8.5	1.4	1.7	12.6	20	0.1	0.5	0.2	71	0.18	0.016
1140216	Soil	0.6	13.4	8.0	8	<0.1	5.2	1.3	28	0.78	1.3	0.6	<0.5	0.2	11	<0.1	<0.1	<0.1	14	0.07	0.078
1140218	Soil	0.9	14.2	12.2	55	<0.1	16.1	8.1	504	2.26	3.9	1.2	3.4	8.6	14	0.1	0.3	0.1	44	0.19	0.042
1140211	Soil	1.7	16.9	14.8	56	0.1	18.0	9.4	479	3.42	9.3	0.6	1.3	3.7	17	0.1	0.5	0.2	87	0.15	0.035

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
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Vancouver BC V6C 1H2 Canada

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1140241	Soil	27	203	1.62	350	0.118	1	2.33	0.023	0.26	0.1	0.03	4.5	0.2	<0.05	7	<0.5	<0.2
1140227	Soil	24	32	0.55	128	0.044	1	1.56	0.010	0.08	0.2	0.03	2.8	0.1	<0.05	5	<0.5	<0.2
1140220	Soil	27	38	0.48	334	0.042	2	1.83	0.016	0.07	0.1	0.05	5.3	0.1	<0.05	5	<0.5	<0.2
1140226	Soil	28	42	0.61	216	0.040	1	1.77	0.010	0.08	0.2	0.03	3.9	0.2	<0.05	6	<0.5	<0.2
1140228	Soil	20	30	0.53	137	0.033	<1	1.60	0.009	0.06	0.2	0.05	2.9	0.1	<0.05	5	<0.5	<0.2
1140221	Soil	15	30	0.56	237	0.051	3	1.49	0.022	0.05	0.2	0.05	4.3	<0.1	<0.05	4	<0.5	<0.2
1140224	Soil	13	23	0.38	327	0.031	3	1.21	0.016	0.04	0.2	0.04	2.9	<0.1	0.06	3	<0.5	<0.2
1140222	Soil	16	25	0.45	289	0.033	3	1.33	0.017	0.06	0.2	0.04	3.9	<0.1	<0.05	4	0.6	<0.2
1140223	Soil	17	27	0.46	273	0.030	2	1.33	0.016	0.06	0.3	0.05	4.0	<0.1	<0.05	4	<0.5	<0.2
1140231	Soil	18	35	0.53	215	0.040	1	1.77	0.012	0.07	0.2	0.05	3.7	0.1	<0.05	5	0.7	<0.2
1140230	Soil	18	26	0.47	128	0.034	2	1.46	0.011	0.06	0.2	0.04	2.8	0.1	<0.05	4	<0.5	<0.2
1140240	Soil	27	117	0.94	311	0.088	2	1.90	0.016	0.13	0.1	0.03	3.5	0.2	<0.05	6	<0.5	<0.2
1140236	Soil	23	44	0.63	590	0.052	2	1.53	0.015	0.08	0.2	0.05	4.1	0.1	<0.05	5	0.8	<0.2
1140239	Soil	24	58	0.81	336	0.105	1	1.83	0.025	0.08	0.1	0.02	3.8	0.1	<0.05	6	<0.5	<0.2
1140232	Soil	16	33	0.58	240	0.050	2	1.56	0.012	0.07	0.2	0.05	3.5	0.1	<0.05	4	0.5	<0.2
1140219	Soil	19	29	0.39	334	0.035	2	1.68	0.014	0.07	0.1	0.04	3.4	<0.1	<0.05	5	<0.5	<0.2
1140237	Soil	22	43	0.71	372	0.060	2	1.70	0.014	0.10	0.1	0.03	3.1	0.2	<0.05	5	<0.5	<0.2
1140234	Soil	27	33	0.59	384	0.058	2	1.58	0.016	0.09	0.2	0.04	3.9	0.1	<0.05	5	<0.5	<0.2
1140238	Soil	28	121	1.25	384	0.110	2	2.24	0.017	0.22	<0.1	0.03	3.7	0.2	<0.05	7	<0.5	<0.2
1140233	Soil	19	35	0.54	351	0.037	2	1.54	0.011	0.07	0.2	0.05	3.8	0.1	0.06	5	0.8	<0.2
1140209	Soil	34	37	0.46	306	0.020	<1	2.22	0.013	0.07	<0.1	0.04	4.0	<0.1	<0.05	8	<0.5	<0.2
1140208	Soil	24	37	0.59	225	0.076	<1	1.80	0.014	0.04	<0.1	0.03	4.7	<0.1	<0.05	5	<0.5	<0.2
1140235	Soil	22	38	0.67	331	0.069	2	1.56	0.021	0.08	0.2	0.03	3.3	0.1	<0.05	5	0.7	<0.2
1140215	Soil	14	33	0.57	142	0.058	2	2.41	0.010	0.06	0.1	0.02	3.1	<0.1	<0.05	6	0.6	<0.2
1140213	Soil	23	32	0.46	147	0.039	1	2.72	0.009	0.04	0.1	0.04	3.8	0.1	<0.05	7	<0.5	<0.2
1140217	Soil	15	29	0.49	106	0.045	<1	2.02	0.008	0.05	<0.1	0.02	2.9	0.1	<0.05	7	<0.5	<0.2
1140212	Soil	19	42	0.59	187	0.054	1	2.68	0.010	0.06	<0.1	0.02	4.7	0.1	<0.05	7	<0.5	<0.2
1140216	Soil	6	13	0.04	72	0.005	1	0.57	0.011	0.02	<0.1	0.04	0.4	<0.1	<0.05	2	0.5	<0.2
1140218	Soil	25	25	0.47	105	0.049	<1	1.39	0.010	0.06	0.1	0.02	2.6	<0.1	<0.05	5	<0.5	<0.2
1140211	Soil	14	34	0.49	173	0.056	<1	2.24	0.012	0.05	0.1	0.02	3.3	0.1	<0.05	9	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1140214	Soil		1.1	8.0	10.7	29	<0.1	9.7	4.2	130	1.88	5.4	0.6	1.0	4.1	10	<0.1	0.3	0.2	56	0.10	0.011
1131906	Soil		1.5	16.7	10.3	48	0.3	18.8	6.4	309	1.93	94.9	0.5	0.9	3.1	17	0.2	0.6	0.1	55	0.25	0.024
1131904	Soil		1.3	24.4	10.4	56	0.6	23.1	12.2	329	3.52	139.2	0.6	9.9	2.3	21	0.1	0.9	0.1	76	0.38	0.071
1131902	Soil		1.1	30.4	11.3	61	0.3	31.3	13.4	450	3.58	174.2	1.0	26.5	2.6	25	0.1	0.6	0.2	67	0.39	0.069
1131907	Soil		2.0	38.4	18.7	78	1.1	37.3	14.7	779	3.36	146.4	1.4	8.7	1.5	32	0.6	0.9	0.2	68	0.41	0.058
1131910	Soil		2.3	37.5	14.8	81	0.8	34.0	8.4	241	2.70	124.5	1.6	14.5	1.1	38	0.7	0.7	0.2	60	0.49	0.058
1131909	Soil		2.3	29.0	15.9	76	0.3	33.2	9.3	243	2.57	126.4	1.1	6.0	2.3	23	0.5	0.9	0.2	58	0.29	0.046
1131903	Soil		0.9	31.3	11.2	55	0.2	32.5	13.8	322	3.23	27.5	1.1	5.0	3.9	24	<0.1	0.4	0.2	78	0.31	0.054
1131908	Soil		1.6	34.3	14.4	89	0.3	47.8	14.3	351	3.00	148.1	1.3	12.7	5.4	25	0.3	0.9	0.2	62	0.31	0.051
1131901	Soil		1.2	40.7	11.3	62	0.4	35.3	12.9	307	3.38	53.9	1.5	17.5	5.0	16	0.1	0.5	0.2	73	0.18	0.043
1131905	Soil		1.9	24.6	11.9	55	0.2	22.5	10.2	429	3.07	101.8	0.5	1.4	3.0	20	0.2	0.7	0.2	74	0.27	0.038
1131911	Soil		1.4	32.7	11.8	72	0.4	33.8	9.2	236	2.74	82.3	1.4	16.8	4.7	24	0.2	0.6	0.2	54	0.28	0.041
1140292	Soil		1.5	25.8	18.0	49	0.5	19.6	9.9	245	2.48	170.9	1.0	14.6	1.8	16	0.2	0.5	0.2	53	0.13	0.037
1140295	Soil		1.2	37.8	14.0	61	0.2	27.5	13.0	528	3.18	80.5	1.4	10.5	6.4	20	<0.1	0.6	0.2	71	0.17	0.017
1140294	Soil		1.5	29.9	16.1	68	0.3	29.5	12.3	389	3.39	171.1	1.0	13.5	5.5	14	0.2	0.6	0.2	68	0.11	0.018
1140297	Soil		1.5	29.0	16.4	72	0.1	22.9	14.1	519	3.34	138.2	0.9	4.0	5.5	13	0.2	0.6	0.2	57	0.11	0.042
1140296	Soil		1.7	25.1	15.2	64	0.3	25.2	12.6	424	3.29	138.2	0.9	16.3	5.0	13	0.2	0.6	0.2	63	0.11	0.034
1140300	Soil		1.6	36.4	17.1	71	0.3	27.9	13.5	586	3.71	113.5	1.1	12.9	7.9	10	<0.1	0.8	0.2	60	0.09	0.039
1140299	Soil		1.5	39.0	18.2	74	0.2	29.3	13.7	621	3.81	126.1	1.2	5.1	8.7	10	0.2	0.8	0.2	60	0.09	0.041
1140293	Soil		1.6	28.4	17.7	57	0.1	25.1	10.8	377	2.98	211.0	1.3	25.8	3.9	19	<0.1	0.6	0.3	58	0.15	0.033
1140298	Soil		1.0	29.7	11.6	42	0.4	18.2	6.4	231	2.16	85.2	1.1	6.2	1.0	14	0.2	0.4	0.2	44	0.11	0.050
1140291	Soil		1.8	16.2	19.6	51	0.2	16.3	7.0	317	2.41	219.1	0.5	4.6	1.4	13	0.2	0.5	0.2	62	0.13	0.045
1140290	Soil		1.3	13.5	13.9	33	0.2	12.0	3.9	159	1.71	38.5	0.5	0.8	0.7	10	0.2	0.3	0.1	38	0.08	0.045
1109438	Soil		1.3	31.9	24.8	87	0.2	35.4	15.7	521	3.53	438.5	1.9	43.6	11.4	44	0.2	0.5	0.2	62	0.55	0.092
1140281	Soil		1.8	27.5	18.0	74	0.3	28.0	14.1	603	2.71	110.4	1.3	13.7	4.2	49	0.3	0.6	0.2	56	0.55	0.067
1140279	Soil		1.3	26.2	14.9	80	0.4	36.6	14.2	372	2.66	64.7	1.3	8.5	3.7	36	0.3	0.4	0.2	62	0.46	0.093
1140287	Soil		1.0	33.0	22.2	79	<0.1	28.6	11.3	450	3.08	86.2	1.4	18.3	5.3	32	0.1	0.6	0.2	61	0.39	0.059
1140288	Soil		1.4	26.3	21.0	67	0.2	20.2	9.3	296	2.50	97.3	1.0	20.5	3.7	18	0.2	0.6	0.2	52	0.18	0.052
1140286	Soil		1.1	25.8	20.4	71	0.1	24.5	12.0	376	2.88	69.8	1.3	12.6	4.8	25	0.1	0.5	0.2	60	0.27	0.041
1140284	Soil		1.4	34.4	20.0	92	0.3	38.6	19.7	807	3.27	175.1	1.7	28.7	5.5	37	0.3	0.8	0.2	74	0.48	0.086

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

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

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1140214	Soil	14	22	0.34	95	0.047	<1	1.60	0.007	0.03	0.1	0.01	2.0	<0.1	<0.05	7	<0.5	<0.2
1131906	Soil	12	24	0.29	195	0.055	<1	0.99	0.009	0.07	0.2	0.02	2.1	<0.1	<0.05	5	<0.5	<0.2
1131904	Soil	14	32	0.54	463	0.029	<1	1.94	0.011	0.06	0.2	0.03	3.4	0.1	<0.05	7	<0.5	<0.2
1131902	Soil	18	40	0.54	766	0.047	1	1.84	0.012	0.07	0.2	0.04	4.6	0.1	<0.05	6	<0.5	<0.2
1131907	Soil	15	39	0.42	511	0.034	<1	1.96	0.013	0.09	0.2	0.05	3.5	<0.1	<0.05	7	0.5	<0.2
1131910	Soil	13	41	0.48	447	0.026	<1	1.71	0.011	0.07	0.1	0.05	2.8	<0.1	0.05	6	0.8	<0.2
1131909	Soil	15	45	0.48	325	0.038	2	1.51	0.009	0.06	0.1	0.03	2.8	<0.1	<0.05	5	0.6	<0.2
1131903	Soil	15	48	0.54	484	0.055	<1	2.20	0.012	0.05	0.2	0.04	4.5	0.1	<0.05	7	<0.5	<0.2
1131908	Soil	17	78	0.73	326	0.053	<1	1.87	0.012	0.06	0.1	0.02	3.9	0.1	<0.05	5	<0.5	<0.2
1131901	Soil	18	51	0.56	437	0.067	1	2.41	0.014	0.07	0.2	0.04	5.6	0.1	<0.05	6	<0.5	<0.2
1131905	Soil	12	38	0.42	251	0.043	1	1.56	0.010	0.05	0.2	0.01	2.6	<0.1	<0.05	7	<0.5	<0.2
1131911	Soil	15	37	0.56	321	0.042	<1	1.55	0.011	0.06	0.2	0.03	3.0	<0.1	<0.05	5	0.7	<0.2
1140292	Soil	12	31	0.40	238	0.037	<1	1.82	0.014	0.04	0.1	0.05	3.2	<0.1	<0.05	6	1.0	<0.2
1140295	Soil	19	47	0.60	247	0.080	1	2.28	0.016	0.06	0.1	0.06	7.7	0.1	<0.05	6	<0.5	<0.2
1140294	Soil	15	41	0.58	197	0.055	2	2.59	0.010	0.05	<0.1	0.05	3.9	0.1	<0.05	7	<0.5	<0.2
1140297	Soil	21	35	0.56	159	0.043	<1	1.97	0.008	0.05	0.1	0.02	3.1	0.1	<0.05	6	<0.5	<0.2
1140296	Soil	16	38	0.58	165	0.053	3	2.31	0.008	0.06	0.2	0.04	3.2	<0.1	<0.05	6	<0.5	<0.2
1140300	Soil	23	37	0.55	162	0.026	<1	2.14	0.007	0.06	0.3	0.02	3.5	0.1	<0.05	7	<0.5	<0.2
1140299	Soil	26	39	0.57	164	0.027	<1	2.15	0.007	0.06	0.5	0.01	3.8	0.1	<0.05	6	<0.5	<0.2
1140293	Soil	15	34	0.52	193	0.036	<1	1.85	0.010	0.04	0.1	0.03	3.8	<0.1	<0.05	5	<0.5	<0.2
1140298	Soil	13	26	0.34	167	0.033	<1	1.48	0.011	0.05	<0.1	0.03	2.5	<0.1	<0.05	5	0.5	<0.2
1140291	Soil	14	29	0.40	140	0.051	<1	1.34	0.007	0.05	0.1	0.02	2.0	<0.1	<0.05	7	0.6	<0.2
1140290	Soil	11	29	0.24	95	0.037	<1	0.87	0.011	0.06	<0.1	0.03	1.3	<0.1	<0.05	4	<0.5	<0.2
1109438	Soil	28	63	0.94	264	0.082	<1	1.95	0.014	0.13	0.2	0.02	4.5	0.2	<0.05	6	<0.5	<0.2
1140281	Soil	20	57	0.68	334	0.049	1	1.52	0.010	0.08	0.1	0.03	3.6	0.1	0.06	6	0.5	<0.2
1140279	Soil	20	78	0.94	310	0.080	2	1.79	0.012	0.13	0.1	0.03	3.9	0.2	0.06	6	0.5	<0.2
1140287	Soil	24	39	0.70	502	0.077	1	1.83	0.017	0.07	0.1	0.03	5.5	<0.1	<0.05	5	<0.5	<0.2
1140288	Soil	19	31	0.41	330	0.050	1	1.57	0.010	0.07	0.1	0.03	3.2	<0.1	<0.05	5	0.5	<0.2
1140286	Soil	21	36	0.59	404	0.053	1	1.97	0.011	0.06	0.1	0.02	4.3	0.1	<0.05	6	0.6	<0.2
1140284	Soil	24	89	1.05	559	0.061	<1	2.14	0.011	0.13	0.1	0.02	6.0	0.2	<0.05	7	0.5	<0.2

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1020 Cordova St. East Vancouver BC V6A 4A3 Canada
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www.acmelab.com

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

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1140280	Soil		1.1	27.8	16.7	70	0.4	24.5	9.5	256	2.63	88.5	1.7	19.9	3.3	24	0.3	0.5	0.2	57	0.28	0.071
1140282	Soil		1.5	32.0	14.1	75	0.3	30.7	13.0	483	2.79	58.2	1.6	7.5	3.6	31	0.3	0.5	0.2	60	0.31	0.067
1109436	Soil		1.4	33.9	47.6	101	0.3	36.5	15.0	462	3.51	80.8	1.9	11.4	12.8	24	0.2	0.5	0.5	72	0.35	0.087
1109439	Soil		2.0	41.0	37.3	102	0.3	30.9	13.6	601	3.37	513.6	2.2	123.4	14.3	31	0.3	0.9	0.3	54	0.32	0.084
1140289	Soil		1.0	30.1	15.6	61	<0.1	24.2	10.3	336	2.74	95.3	1.1	27.2	4.4	22	<0.1	0.5	0.2	60	0.22	0.033
1140285	Soil		1.0	24.3	12.3	50	0.4	18.7	7.2	244	1.91	90.4	1.3	13.8	0.5	29	0.4	0.5	0.2	43	0.29	0.063
1109440	Soil		2.0	21.4	26.6	72	0.1	21.6	11.2	543	2.85	221.6	1.4	11.2	8.8	25	0.2	0.7	0.3	58	0.20	0.051
1109443	Soil		3.2	53.0	32.6	167	0.3	50.4	13.4	447	3.32	294.6	2.8	16.9	9.9	37	1.1	1.1	0.3	67	0.29	0.075
1109445	Soil		2.4	48.9	21.2	103	0.6	38.9	12.2	371	3.06	61.4	2.8	11.0	6.2	57	0.6	0.7	0.3	63	0.42	0.078
1109437	Soil		1.2	37.9	41.6	80	0.3	46.0	16.7	463	3.30	277.3	1.7	115.3	9.8	36	0.2	0.5	0.4	75	0.47	0.116
1109441	Soil		1.6	20.9	30.7	74	0.1	25.8	11.8	424	3.20	182.5	1.3	19.0	10.4	18	0.2	0.5	0.3	62	0.16	0.041
1109444	Soil		3.5	49.4	34.3	148	0.5	48.6	13.6	405	3.35	129.5	2.8	10.4	8.0	45	0.7	0.7	0.3	81	0.30	0.093
1109442	Soil		3.6	51.1	33.3	154	0.5	48.8	13.9	415	3.48	128.8	2.7	11.3	7.8	44	0.6	0.8	0.3	80	0.30	0.091
1109465	Soil		1.4	33.6	63.1	120	0.4	24.8	9.3	315	2.89	133.3	1.5	43.2	6.2	21	0.7	0.5	0.2	63	0.26	0.058
1109463	Soil		2.2	39.5	218.8	345	0.4	17.9	10.4	703	3.02	479.0	0.9	92.9	6.2	15	1.4	0.9	0.3	57	0.15	0.052
1109435	Soil		2.2	37.4	29.1	91	0.3	40.2	12.4	402	3.32	110.1	1.7	11.7	7.9	26	0.2	1.1	0.4	61	0.24	0.058
1109467	Soil		1.4	25.0	18.9	78	0.1	27.0	11.9	307	3.22	93.8	1.1	13.5	7.1	17	0.3	0.5	0.2	66	0.20	0.038
1109434	Soil		2.3	34.5	19.0	85	0.3	29.2	10.8	406	2.91	49.3	1.7	7.1	7.7	22	0.3	0.5	0.2	58	0.23	0.051
1109447	Soil		1.2	25.7	24.1	88	0.3	24.2	12.8	416	2.93	77.1	1.7	5.7	7.4	25	0.2	0.6	0.3	54	0.28	0.062
1109464	Soil		1.2	31.0	56.2	141	0.2	23.9	10.1	348	2.97	151.5	1.3	52.2	5.4	21	0.6	0.6	0.2	64	0.25	0.057
1109468	Soil		1.4	34.0	21.8	71	0.1	27.3	12.0	381	3.13	125.2	1.4	17.0	10.3	18	0.2	0.5	0.2	59	0.19	0.042
1109466	Soil		6.3	68.5	30.2	244	0.5	66.2	19.0	862	3.39	351.1	1.9	28.6	9.0	37	1.2	1.5	0.3	68	0.26	0.082
1109461	Soil		1.3	29.2	29.5	86	0.4	20.0	7.0	231	2.51	127.5	1.9	59.6	6.1	21	0.4	0.4	0.2	57	0.21	0.044
1109457	Soil		0.3	7.6	6.4	36	<0.1	3.3	3.8	368	1.49	1.4	0.9	0.9	14.6	15	<0.1	0.1	0.5	12	0.18	0.032
1109460	Soil		1.0	15.0	12.3	58	<0.1	11.0	7.9	496	2.55	6.9	1.0	2.6	8.8	26	<0.1	0.4	0.2	45	0.24	0.058
1109462	Soil		1.2	62.0	266.7	223	0.7	29.4	11.7	454	2.92	238.9	1.8	230.1	6.8	24	0.9	0.7	0.2	61	0.28	0.053
1109446	Soil		1.1	22.8	21.8	88	0.4	21.9	12.1	532	2.34	87.3	1.9	15.1	4.3	35	0.3	0.5	0.2	41	0.39	0.060
1109451	Soil		0.9	19.5	11.4	59	<0.1	18.9	9.8	468	2.63	7.2	0.9	4.3	8.0	21	0.2	0.5	0.2	54	0.22	0.036
1109453	Soil		2.7	29.5	28.9	54	<0.1	19.4	8.0	336	2.36	5.7	1.3	3.2	8.8	29	<0.1	0.4	0.2	47	0.26	0.045
1109455	Soil		0.8	23.0	9.7	54	<0.1	19.6	8.3	295	2.56	7.2	0.9	4.3	5.1	23	<0.1	0.5	0.1	54	0.25	0.054

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1140280	Soil	22	52	0.64	261	0.053	1	1.78	0.010	0.07	0.1	0.05	4.0	0.1	0.05	6	1.0	<0.2
1140282	Soil	20	67	0.69	323	0.061	2	1.60	0.010	0.09	0.1	0.03	3.4	0.1	0.06	6	1.0	<0.2
1109436	Soil	27	78	0.96	257	0.103	2	2.18	0.010	0.23	0.1	0.02	4.0	0.3	<0.05	7	0.8	<0.2
1109439	Soil	26	42	0.78	204	0.075	2	1.73	0.009	0.20	0.1	<0.01	3.1	0.2	0.05	6	0.7	<0.2
1140289	Soil	22	34	0.56	369	0.059	<1	1.87	0.010	0.05	0.1	0.02	4.4	<0.1	<0.05	5	<0.5	<0.2
1140285	Soil	16	34	0.42	289	0.026	1	1.31	0.010	0.07	<0.1	0.05	2.2	<0.1	0.06	5	0.5	<0.2
1109440	Soil	24	33	0.47	275	0.066	1	1.42	0.008	0.09	0.2	0.02	2.7	0.1	<0.05	6	<0.5	<0.2
1109443	Soil	27	50	0.78	321	0.062	<1	1.66	0.011	0.14	0.2	0.01	3.3	0.1	0.06	5	1.3	<0.2
1109445	Soil	29	54	0.68	483	0.073	<1	1.76	0.013	0.14	0.1	0.03	3.8	0.2	0.09	6	1.3	<0.2
1109437	Soil	31	100	1.09	278	0.092	<1	2.03	0.011	0.20	0.1	0.01	5.1	0.3	<0.05	7	0.6	<0.2
1109441	Soil	23	44	0.57	196	0.070	<1	1.82	0.009	0.09	0.2	0.01	3.0	0.2	<0.05	7	<0.5	<0.2
1109444	Soil	22	58	0.79	386	0.077	1	1.74	0.012	0.15	0.1	0.01	3.2	0.2	0.09	6	1.8	<0.2
1109442	Soil	22	58	0.81	395	0.078	<1	1.64	0.011	0.15	0.1	<0.01	3.4	0.2	0.09	6	1.6	<0.2
1109465	Soil	20	38	0.64	189	0.069	<1	1.81	0.009	0.07	0.2	0.02	3.3	0.1	<0.05	6	<0.5	<0.2
1109463	Soil	24	27	0.45	98	0.044	<1	1.38	0.008	0.08	0.1	0.02	2.3	<0.1	<0.05	6	0.6	<0.2
1109435	Soil	26	61	0.68	256	0.083	1	1.82	0.010	0.13	0.1	0.02	3.4	0.2	<0.05	6	0.5	<0.2
1109467	Soil	17	39	0.62	198	0.088	<1	2.07	0.010	0.09	0.1	0.03	3.3	0.1	<0.05	6	0.6	<0.2
1109434	Soil	26	37	0.64	225	0.081	1	1.77	0.010	0.12	0.1	0.03	3.0	0.2	<0.05	6	0.7	<0.2
1109447	Soil	26	43	0.70	251	0.060	2	1.86	0.011	0.10	0.1	0.04	3.4	0.1	0.05	6	<0.5	<0.2
1109464	Soil	16	36	0.60	169	0.071	1	1.98	0.010	0.06	0.2	0.02	3.7	0.1	<0.05	6	<0.5	<0.2
1109468	Soil	22	37	0.61	205	0.081	1	2.08	0.010	0.11	0.1	0.02	3.6	0.2	<0.05	6	0.8	<0.2
1109466	Soil	24	51	0.85	202	0.060	1	1.82	0.009	0.11	0.2	0.01	3.1	0.2	0.05	5	1.5	<0.2
1109461	Soil	27	32	0.50	165	0.048	<1	1.87	0.009	0.06	<0.1	0.03	3.8	<0.1	<0.05	6	0.7	<0.2
1109457	Soil	32	4	0.28	125	0.003	<1	0.93	0.006	0.10	<0.1	<0.01	1.0	<0.1	<0.05	3	<0.5	<0.2
1109460	Soil	24	19	0.50	146	0.036	<1	1.64	0.009	0.11	<0.1	0.02	2.9	0.1	<0.05	6	<0.5	<0.2
1109462	Soil	23	40	0.66	302	0.063	1	1.91	0.011	0.06	0.1	0.04	4.5	0.1	<0.05	5	0.7	<0.2
1109446	Soil	28	34	0.55	386	0.030	<1	1.68	0.010	0.06	0.1	0.04	3.5	0.1	0.07	5	0.7	<0.2
1109451	Soil	23	29	0.55	171	0.058	1	1.74	0.010	0.07	<0.1	0.01	3.5	<0.1	<0.05	5	0.5	<0.2
1109453	Soil	25	25	0.49	212	0.053	<1	1.59	0.010	0.06	<0.1	0.02	4.0	<0.1	<0.05	5	0.7	<0.2
1109455	Soil	18	30	0.51	203	0.063	<1	1.70	0.011	0.05	0.1	0.03	4.0	<0.1	<0.05	5	<0.5	<0.2

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www.acmelab.com

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

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1109454	Soil		1.0	18.5	13.1	56	<0.1	24.6	8.7	534	2.22	3.8	1.0	3.5	10.6	14	0.1	0.4	0.2	42	0.18	0.039
1109456	Soil		0.4	18.4	8.8	44	<0.1	9.6	4.5	432	2.18	3.4	1.6	0.8	26.5	19	<0.1	0.3	0.2	25	0.28	0.040
1109458	Soil		0.9	23.3	15.0	47	0.2	15.1	5.9	201	2.33	6.4	1.6	2.6	2.9	31	0.2	0.3	0.2	51	0.34	0.061
1109459	Soil		1.0	20.8	11.3	55	<0.1	19.3	9.5	437	2.80	8.0	1.4	6.1	11.7	20	<0.1	0.4	0.2	54	0.22	0.033
1109452	Soil		0.7	23.9	9.6	60	<0.1	20.9	9.8	457	2.67	7.1	0.9	2.5	9.5	22	<0.1	0.5	0.2	54	0.25	0.035
1213885	Soil		0.5	65.5	4.7	105	<0.1	56.2	25.6	553	6.56	36.9	0.5	3.5	4.7	16	<0.1	0.3	<0.1	113	0.35	0.120
1213886	Soil		1.0	28.9	9.8	82	0.1	36.1	13.5	322	3.26	45.8	0.8	8.5	4.7	15	<0.1	0.5	0.2	75	0.22	0.073
1213894	Soil		1.2	16.3	13.9	59	<0.1	19.4	9.9	321	3.19	80.6	0.7	18.6	3.1	16	0.2	0.5	0.2	67	0.18	0.045
1213895	Soil		1.2	22.6	13.0	57	<0.1	21.6	9.3	250	3.02	101.5	0.8	10.7	3.1	15	0.1	0.6	0.2	65	0.17	0.033
1213893	Soil		1.8	27.0	12.9	57	0.5	24.1	9.8	287	3.15	220.2	1.2	21.5	5.5	17	0.2	0.7	0.2	68	0.12	0.022
1213892	Soil		2.1	31.7	15.9	52	0.3	18.0	7.3	295	3.16	406.6	1.4	28.4	6.2	21	0.1	0.7	0.2	62	0.08	0.024
1213891	Soil		1.6	39.0	16.3	71	0.1	27.4	11.7	499	3.70	335.1	1.3	34.1	8.3	17	0.1	0.9	0.2	63	0.14	0.024
1213890	Soil		1.3	31.9	11.5	64	<0.1	23.8	9.4	354	2.94	108.8	1.1	13.4	5.4	20	0.2	0.7	0.2	61	0.21	0.026
1213889	Soil		1.4	31.4	12.1	64	<0.1	24.9	10.4	423	2.96	94.1	1.2	10.8	5.7	25	<0.1	0.6	0.2	60	0.26	0.022
1213887	Soil		1.4	43.2	13.7	77	<0.1	31.4	19.1	874	3.48	72.2	1.2	2.9	7.9	13	0.1	0.6	0.2	63	0.18	0.073
1213888	Soil		1.2	31.8	13.3	64	<0.1	25.6	11.4	467	3.21	143.8	1.5	19.7	9.8	16	0.1	0.5	0.2	52	0.15	0.020
1130291	Soil		1.7	16.7	15.9	57	0.3	18.4	6.8	189	2.22	85.7	1.0	6.9	2.1	28	0.2	0.4	0.2	53	0.29	0.052
1130293	Soil		1.8	22.7	20.9	97	0.3	44.3	21.8	631	3.38	84.0	1.2	14.7	5.9	40	0.2	0.3	0.2	81	0.58	0.083
1213897	Soil		1.3	28.6	11.3	66	<0.1	22.9	9.6	325	2.75	76.1	1.0	8.7	4.1	22	0.1	0.5	0.1	60	0.26	0.042
1213899	Soil		1.8	38.0	16.4	67	0.3	25.1	12.4	336	2.91	104.1	2.6	10.2	4.0	42	0.2	0.7	0.2	56	0.44	0.057
1213900	Soil		1.6	26.0	14.6	69	0.3	23.0	13.3	700	2.79	100.5	1.8	8.4	3.6	67	0.2	0.6	0.2	55	0.79	0.065
1130289	Soil		1.8	21.2	14.7	68	0.3	20.8	8.8	251	2.33	70.2	1.3	6.2	2.1	47	0.4	0.5	0.2	55	0.48	0.073
1213898	Soil		1.4	31.3	14.5	71	0.1	25.6	11.9	418	3.03	140.0	1.1	25.2	5.9	29	0.2	0.6	0.1	56	0.34	0.053
1213896	Soil		1.4	30.8	13.2	73	<0.1	27.9	12.7	439	3.02	111.5	1.1	11.7	5.1	22	<0.1	0.7	0.1	64	0.27	0.042
1213883	Soil		1.2	46.5	16.4	101	<0.1	57.2	18.9	573	3.94	127.1	1.3	27.1	7.6	27	0.2	0.5	0.2	71	0.41	0.082
1213882	Soil		1.2	30.0	12.9	71	<0.1	30.8	12.3	455	3.29	87.6	1.1	14.0	8.3	15	0.2	0.6	0.2	59	0.17	0.044
1130292	Soil		1.7	17.9	15.9	60	0.3	21.3	7.2	217	2.20	90.3	1.0	10.4	2.1	29	0.2	0.3	0.2	58	0.30	0.054
1130290	Soil		1.0	18.6	16.1	65	0.3	19.8	7.2	233	2.15	84.7	1.1	7.4	2.8	35	0.2	0.3	0.2	46	0.38	0.055
1213874	Soil		1.7	30.9	15.6	90	0.4	30.2	14.9	883	2.61	137.1	2.2	19.5	2.4	52	0.4	0.6	0.2	45	0.69	0.093
1213878	Soil		1.7	37.6	29.1	83	0.2	28.6	10.5	390	2.72	140.1	1.5	18.3	7.3	20	0.3	0.9	0.3	48	0.14	0.033

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Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1109454	Soil	26	30	0.51	133	0.050	1	1.37	0.011	0.05	<0.1	0.02	2.5	<0.1	<0.05	4	<0.5	<0.2
1109456	Soil	41	12	0.39	156	0.024	<1	1.18	0.009	0.11	<0.1	0.02	2.6	<0.1	<0.05	5	<0.5	<0.2
1109458	Soil	20	26	0.43	204	0.034	<1	1.71	0.012	0.05	<0.1	0.04	3.0	0.1	<0.05	6	0.8	<0.2
1109459	Soil	19	30	0.54	227	0.045	<1	2.01	0.013	0.06	0.1	0.02	3.7	0.1	<0.05	6	<0.5	<0.2
1109452	Soil	22	30	0.57	246	0.064	1	1.79	0.013	0.06	<0.1	0.02	4.8	<0.1	<0.05	5	<0.5	<0.2
1213885	Soil	15	77	1.31	559	0.230	<1	3.41	0.009	0.80	<0.1	<0.01	3.5	0.3	<0.05	11	0.5	<0.2
1213886	Soil	13	49	0.69	180	0.082	<1	2.17	0.012	0.09	0.1	0.02	3.6	0.1	<0.05	6	<0.5	<0.2
1213894	Soil	13	31	0.52	164	0.066	<1	1.94	0.014	0.05	0.1	0.03	2.9	<0.1	<0.05	6	<0.5	<0.2
1213895	Soil	12	34	0.57	185	0.060	2	1.92	0.010	0.05	0.2	0.03	3.7	0.1	<0.05	6	0.9	<0.2
1213893	Soil	14	38	0.52	195	0.056	<1	2.31	0.009	0.05	0.1	0.04	4.2	0.1	<0.05	6	0.7	<0.2
1213892	Soil	19	29	0.43	146	0.043	<1	1.85	0.009	0.06	0.2	0.02	3.1	0.1	<0.05	6	<0.5	<0.2
1213891	Soil	25	35	0.60	197	0.038	<1	2.17	0.009	0.06	0.2	0.03	4.3	0.2	<0.05	6	<0.5	<0.2
1213890	Soil	17	36	0.57	217	0.064	<1	1.95	0.018	0.05	0.1	0.03	4.7	<0.1	<0.05	6	<0.5	<0.2
1213889	Soil	18	37	0.62	256	0.067	<1	1.84	0.016	0.05	0.1	0.03	5.3	<0.1	<0.05	5	<0.5	<0.2
1213887	Soil	20	39	0.81	155	0.079	2	2.38	0.011	0.20	0.1	0.02	3.5	0.2	<0.05	6	<0.5	<0.2
1213888	Soil	27	34	0.62	173	0.055	<1	1.97	0.010	0.09	<0.1	0.02	3.9	0.1	<0.05	6	<0.5	<0.2
1130291	Soil	14	50	0.54	201	0.033	1	1.51	0.011	0.05	0.1	0.04	2.6	0.1	<0.05	5	0.6	<0.2
1130293	Soil	18	114	1.48	283	0.089	1	2.05	0.014	0.21	0.1	0.03	4.9	0.2	<0.05	8	<0.5	<0.2
1213897	Soil	15	34	0.61	242	0.054	<1	1.77	0.011	0.05	0.1	0.02	4.2	<0.1	<0.05	5	<0.5	<0.2
1213899	Soil	22	34	0.56	478	0.029	2	1.85	0.013	0.06	0.1	0.05	4.7	0.1	<0.05	5	1.3	<0.2
1213900	Soil	19	31	0.57	444	0.034	<1	1.68	0.015	0.06	0.1	0.03	4.1	0.1	<0.05	5	0.6	<0.2
1130289	Soil	15	32	0.54	338	0.027	1	1.59	0.014	0.05	0.2	0.05	3.1	0.1	<0.05	5	0.7	<0.2
1213898	Soil	19	36	0.66	407	0.052	<1	1.84	0.015	0.06	<0.1	0.02	4.2	<0.1	<0.05	5	0.7	<0.2
1213896	Soil	17	37	0.65	306	0.058	<1	1.88	0.012	0.06	0.1	0.02	4.6	0.1	<0.05	5	<0.5	<0.2
1213883	Soil	24	73	0.90	331	0.059	<1	2.21	0.012	0.11	0.2	0.02	5.7	0.1	<0.05	6	<0.5	<0.2
1213882	Soil	24	43	0.68	192	0.055	<1	2.11	0.008	0.08	0.1	0.01	4.0	0.1	<0.05	6	<0.5	<0.2
1130292	Soil	15	72	0.65	183	0.040	1	1.56	0.011	0.06	0.2	0.03	2.4	0.2	<0.05	6	0.5	<0.2
1130290	Soil	16	34	0.54	290	0.031	<1	1.58	0.012	0.05	0.2	0.03	3.1	0.1	<0.05	5	0.8	<0.2
1213874	Soil	19	31	0.50	450	0.024	1	1.54	0.012	0.07	0.4	0.05	3.2	<0.1	<0.05	5	1.1	<0.2
1213878	Soil	23	27	0.47	269	0.025	<1	1.55	0.008	0.07	0.3	0.02	2.4	0.1	<0.05	4	0.6	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1213881	Soil		1.1	29.8	17.1	65	0.1	25.8	12.9	576	2.94	96.4	1.4	14.2	6.2	16	0.1	0.6	0.2	57	0.17	0.035
1213884	Soil		0.8	34.1	10.0	66	0.1	35.3	12.3	350	3.15	42.7	1.0	9.2	5.1	19	0.2	0.5	0.1	68	0.23	0.039
1213876	Soil		1.0	34.1	17.3	156	0.2	34.2	9.5	365	2.63	131.3	2.7	29.4	4.9	26	0.5	0.7	0.2	43	0.37	0.056
1213880	Soil		1.5	20.0	84.9	100	0.1	27.2	12.8	426	3.11	54.9	0.8	4.0	4.2	16	0.2	0.6	0.2	67	0.18	0.055
1213875	Soil		1.3	29.3	15.1	99	0.3	30.5	10.5	574	2.28	92.2	2.7	28.3	2.4	51	0.5	0.5	0.2	41	0.68	0.078
1213877	Soil		1.5	38.8	28.6	84	0.2	27.9	10.8	399	2.80	147.2	1.6	17.2	7.6	19	0.3	0.8	0.3	48	0.14	0.033
1096078	Soil		2.6	38.5	30.3	90	0.4	28.1	9.7	374	3.10	156.7	1.9	4.7	4.4	29	0.4	1.2	0.4	65	0.22	0.051
1096074	Soil		1.0	17.4	21.2	66	0.2	17.9	10.1	386	2.86	77.6	1.2	7.4	3.0	18	0.2	0.6	0.3	51	0.18	0.061
1096080	Soil		2.3	51.9	31.2	92	0.5	32.0	10.7	427	3.14	175.2	2.9	5.7	5.7	33	0.4	1.2	0.3	59	0.24	0.051
1213879	Soil		2.0	41.2	75.7	163	0.3	28.6	10.9	838	3.10	356.0	2.8	16.3	5.7	43	0.5	1.7	0.6	45	0.22	0.064
1096077	Soil		0.8	14.6	16.9	47	0.2	15.4	4.8	132	1.85	59.2	1.0	2.9	1.6	19	0.2	0.5	0.2	30	0.18	0.059
1096082	Soil		2.0	36.7	32.9	88	0.3	32.6	9.7	294	2.96	143.5	1.8	8.9	4.6	29	0.2	1.3	0.2	60	0.24	0.044
1096081	Soil		2.6	67.3	36.1	116	0.4	30.3	8.9	353	3.31	280.4	3.0	4.6	7.5	36	0.4	1.3	0.3	51	0.20	0.066
1096079	Soil		2.3	49.4	31.5	88	0.4	30.7	10.2	407	2.95	151.8	2.9	6.6	5.6	32	0.4	1.4	0.3	59	0.25	0.053
1096054	Soil		0.6	23.7	11.4	70	0.2	19.6	9.4	386	2.80	6.6	1.9	9.6	7.9	32	0.2	0.6	0.5	53	0.38	0.049
1096076	Soil		1.0	21.2	17.3	72	0.2	19.1	8.1	224	2.84	73.6	1.4	6.3	4.8	20	0.3	0.7	0.2	54	0.22	0.070
1096073	Soil		0.9	15.9	19.6	53	0.2	15.9	4.9	127	2.00	58.3	1.1	6.4	1.9	17	0.2	0.5	0.2	36	0.17	0.053
1096075	Soil		1.2	20.4	17.1	69	0.3	19.1	15.6	833	2.72	80.5	1.1	5.6	4.0	22	0.3	0.6	0.2	54	0.25	0.072
1096053	Soil		0.7	24.4	10.3	73	0.1	19.4	9.3	440	2.84	5.2	1.9	3.4	9.3	32	0.2	0.5	0.4	50	0.37	0.049
1096062	Soil		0.8	20.8	8.8	85	0.1	13.0	8.1	334	2.91	4.2	1.1	3.0	4.3	39	0.2	0.3	0.2	46	0.37	0.051
1096060	Soil		0.7	14.9	9.5	58	<0.1	14.7	9.0	418	2.74	4.3	0.9	2.9	6.0	25	0.1	0.4	0.2	51	0.33	0.048
1096057	Soil		1.2	22.7	12.6	75	0.2	17.1	11.0	780	3.10	6.0	1.6	1.9	3.3	36	0.3	0.4	0.4	61	0.39	0.070
1096058	Soil		0.8	19.1	10.1	62	<0.1	15.8	8.4	405	2.73	4.5	1.1	1.3	6.8	29	0.2	0.3	0.3	51	0.38	0.048
1096055	Soil		0.7	19.4	10.9	63	0.1	17.9	9.7	382	2.71	5.7	1.7	3.5	6.0	27	0.2	0.4	0.5	56	0.29	0.052
1096059	Soil		1.0	21.6	11.6	61	0.1	16.5	9.2	509	3.04	4.5	1.3	1.8	5.2	43	<0.1	0.4	0.3	59	0.53	0.053
1096056	Soil		0.7	17.3	9.4	65	<0.1	14.9	9.5	519	2.91	4.8	1.1	2.7	7.0	25	<0.1	0.4	0.3	56	0.32	0.041
1096063	Soil		0.9	20.5	8.9	62	0.2	15.4	7.7	405	2.86	4.2	1.6	2.0	3.7	44	0.2	0.4	0.2	46	0.51	0.057
1096065	Soil		0.9	26.6	17.5	83	0.2	24.9	11.6	586	2.61	143.6	1.4	13.9	3.5	46	0.3	0.7	0.2	46	0.93	0.056
1096064	Soil		0.7	25.9	12.7	68	0.2	18.8	9.6	557	2.08	35.1	1.1	6.0	1.6	63	0.4	0.6	0.2	39	1.76	0.056
1096061	Soil		0.8	17.6	9.2	64	<0.1	15.2	12.4	881	3.65	4.5	0.9	1.1	4.9	36	0.1	0.3	0.1	54	0.56	0.093

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

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

Project: FLU
Report Date: November 09, 2011

CERTIFICATE OF ANALYSIS WHI11001817.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1213881	Soil	20	36	0.54	182	0.049	1	1.84	0.010	0.06	0.3	0.02	3.9	0.1	<0.05	5	<0.5	<0.2
1213884	Soil	17	48	0.69	224	0.073	2	2.06	0.011	0.08	0.2	0.03	5.1	0.1	<0.05	6	0.6	<0.2
1213876	Soil	21	27	0.49	310	0.027	<1	1.43	0.009	0.08	0.6	0.02	3.9	0.1	<0.05	4	1.0	<0.2
1213880	Soil	12	35	0.52	193	0.056	1	2.32	0.012	0.06	0.2	0.03	3.2	0.1	<0.05	6	<0.5	<0.2
1213875	Soil	19	27	0.47	462	0.022	1	1.48	0.011	0.06	0.6	0.06	3.3	<0.1	<0.05	4	1.5	<0.2
1213877	Soil	23	27	0.46	272	0.024	<1	1.54	0.007	0.07	0.2	0.02	2.5	<0.1	<0.05	4	0.5	<0.2
1096078	Soil	16	41	0.64	257	0.082	2	1.76	0.010	0.12	0.1	0.03	2.9	0.1	0.07	6	0.7	<0.2
1096074	Soil	16	32	0.50	168	0.041	1	1.69	0.011	0.05	0.2	0.04	2.6	0.1	0.06	5	<0.5	<0.2
1096080	Soil	18	41	0.70	364	0.077	2	1.94	0.013	0.09	0.1	0.04	3.5	0.1	0.06	5	0.7	<0.2
1213879	Soil	24	29	0.42	339	0.024	2	1.41	0.010	0.09	0.9	0.02	3.1	0.1	0.08	4	0.6	<0.2
1096077	Soil	14	32	0.44	122	0.038	1	1.26	0.010	0.04	0.2	0.04	1.7	0.1	<0.05	4	0.6	<0.2
1096082	Soil	15	44	0.61	380	0.070	1	1.77	0.014	0.08	0.1	0.03	3.8	0.1	<0.05	5	0.7	<0.2
1096081	Soil	21	40	0.85	384	0.086	<1	1.70	0.013	0.32	<0.1	0.02	2.8	0.3	0.14	5	0.9	<0.2
1096079	Soil	18	40	0.69	369	0.078	<1	1.82	0.013	0.09	0.2	0.04	3.8	0.1	<0.05	5	0.6	<0.2
1096054	Soil	21	28	0.58	323	0.064	2	1.89	0.015	0.06	0.1	0.06	4.5	<0.1	<0.05	6	<0.5	<0.2
1096076	Soil	17	37	0.62	169	0.061	<1	1.62	0.010	0.07	0.2	0.03	2.6	0.1	<0.05	5	<0.5	<0.2
1096073	Soil	13	26	0.42	138	0.032	1	1.35	0.009	0.04	0.2	0.06	1.8	<0.1	<0.05	4	<0.5	<0.2
1096075	Soil	16	32	0.52	215	0.055	1	1.53	0.011	0.07	0.1	0.03	2.5	0.1	<0.05	5	<0.5	<0.2
1096053	Soil	24	26	0.66	322	0.080	2	1.76	0.016	0.09	0.2	0.03	4.7	0.1	<0.05	6	<0.5	<0.2
1096062	Soil	13	20	0.59	200	0.047	3	1.75	0.020	0.10	0.1	0.03	4.4	<0.1	0.08	5	<0.5	<0.2
1096060	Soil	16	24	0.58	230	0.061	3	1.73	0.012	0.06	0.1	0.03	3.3	<0.1	<0.05	5	<0.5	<0.2
1096057	Soil	22	28	0.54	347	0.055	3	2.25	0.013	0.10	0.1	0.05	4.5	0.1	<0.05	7	<0.5	<0.2
1096058	Soil	21	23	0.57	310	0.059	2	1.80	0.012	0.08	0.1	0.02	3.5	<0.1	<0.05	5	<0.5	<0.2
1096055	Soil	18	27	0.53	287	0.051	2	1.87	0.014	0.06	0.1	0.04	3.8	0.1	<0.05	6	<0.5	<0.2
1096059	Soil	22	27	0.56	422	0.049	2	2.00	0.011	0.08	0.1	0.03	4.3	0.1	<0.05	7	0.6	<0.2
1096056	Soil	19	24	0.64	274	0.074	2	1.87	0.012	0.09	0.1	0.01	3.6	<0.1	<0.05	6	<0.5	<0.2
1096063	Soil	17	22	0.52	361	0.038	3	2.07	0.013	0.09	0.1	0.04	5.5	<0.1	0.06	6	<0.5	<0.2
1096065	Soil	16	29	0.58	261	0.045	3	1.63	0.016	0.06	0.2	0.04	3.5	<0.1	0.05	4	<0.5	<0.2
1096064	Soil	11	23	0.51	352	0.044	3	1.26	0.020	0.06	0.1	0.04	2.9	<0.1	0.10	3	<0.5	<0.2
1096061	Soil	16	21	0.83	345	0.049	2	2.04	0.013	0.11	0.2	0.02	8.2	<0.1	<0.05	6	<0.5	<0.2

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

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

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1096070	Soil	1.3	16.5	13.2	66	0.1	22.5	8.5	223	2.51	61.5	0.7	7.4	3.6	21	0.1	0.6	0.2	51	0.23	0.051
1096071	Soil	1.7	19.3	13.6	55	0.2	17.3	5.4	158	2.21	129.0	1.0	6.3	1.8	19	0.2	0.7	0.2	42	0.19	0.054
1096072	Soil	0.9	16.3	17.5	50	0.2	16.1	4.9	135	1.88	62.7	0.9	6.3	1.8	19	0.2	0.5	0.2	43	0.18	0.048
1096069	Soil	0.8	16.1	12.1	60	0.1	19.7	7.9	203	2.19	31.7	0.8	4.0	2.8	20	0.1	0.4	0.1	38	0.22	0.046
1096068	Soil	1.2	18.1	16.8	66	0.2	19.7	10.1	349	2.57	51.1	1.0	44.4	2.6	19	0.1	0.5	0.2	49	0.20	0.055
1096067	Soil	1.5	34.8	17.1	80	0.2	27.9	12.4	570	2.71	54.4	1.5	9.2	4.2	43	0.4	0.8	0.2	51	0.80	0.056
1096066	Soil	1.4	29.4	16.4	76	0.2	24.1	11.6	615	2.67	72.9	1.5	7.2	3.2	47	0.4	0.7	0.2	50	0.93	0.056

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

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

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1096070	Soil	15	37	0.58	137	0.050	2	1.69	0.012	0.06	0.1	0.04	2.4	0.1	<0.05	5	0.6	<0.2
1096071	Soil	13	30	0.46	118	0.037	1	1.34	0.010	0.05	0.2	0.04	2.0	<0.1	<0.05	4	0.6	<0.2
1096072	Soil	13	28	0.46	127	0.037	<1	1.34	0.010	0.04	0.2	0.04	1.9	0.1	<0.05	5	<0.5	<0.2
1096069	Soil	14	30	0.50	143	0.038	1	1.54	0.011	0.05	0.1	0.04	2.3	0.1	<0.05	5	<0.5	<0.2
1096068	Soil	14	28	0.50	144	0.033	<1	1.60	0.010	0.05	0.2	0.04	2.2	<0.1	<0.05	5	0.6	<0.2
1096067	Soil	18	32	0.56	280	0.049	2	1.65	0.016	0.05	0.2	0.04	3.3	<0.1	<0.05	5	0.6	<0.2
1096066	Soil	16	29	0.55	355	0.042	2	1.67	0.015	0.06	0.2	0.03	3.7	<0.1	<0.05	4	0.5	<0.2

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

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QUALITY CONTROL REPORT WHI11001817.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1213541	Soil	1.9	31.7	54.4	79	0.4	32.1	9.9	361	2.87	40.4	0.9	2.5	3.6	24	0.3	0.5	0.2	71	0.24	0.037
REP 1213541	QC	1.8	30.7	54.1	77	0.4	31.1	9.9	352	2.78	39.5	0.9	1.4	3.5	24	0.3	0.5	0.2	66	0.23	0.037
1109387	Soil	1.2	51.0	19.0	88	<0.1	42.1	15.8	819	4.24	212.6	1.4	12.4	14.4	17	0.1	1.0	0.2	48	0.22	0.048
REP 1109387	QC	1.2	52.6	18.6	92	<0.1	43.2	16.6	823	4.29	216.6	1.4	10.2	14.0	17	0.1	0.9	0.2	50	0.23	0.048
1109482	Soil	1.7	26.5	17.1	37	0.4	10.5	2.7	95	1.66	149.3	0.9	4.5	0.2	11	0.1	0.7	0.2	37	0.07	0.041
REP 1109482	QC	1.9	27.4	17.2	36	0.5	10.1	2.9	95	1.67	154.0	0.9	6.1	0.2	11	0.3	0.7	0.2	37	0.07	0.043
1140418	Soil	1.7	19.5	10.2	64	<0.1	25.9	10.0	559	2.76	4.7	2.7	6.7	10.9	23	0.1	0.4	0.2	57	0.43	0.065
REP 1140418	QC	1.8	19.7	10.2	64	<0.1	25.6	10.5	564	2.75	4.6	2.7	3.9	10.9	24	0.2	0.4	0.2	57	0.44	0.067
1140440	Soil	1.2	21.6	23.8	81	0.3	26.7	12.5	522	2.65	56.5	1.3	7.1	6.1	37	0.3	0.4	0.2	51	0.46	0.079
REP 1140440	QC	1.2	21.7	24.6	82	0.3	26.9	12.8	543	2.81	59.1	1.4	10.1	6.1	36	0.2	0.4	0.2	50	0.48	0.078
1140240	Soil	1.4	19.9	24.1	74	0.2	44.5	14.3	559	2.86	41.4	1.3	5.0	6.9	43	0.2	0.3	0.2	52	0.56	0.096
REP 1140240	QC	1.5	21.0	25.7	82	0.2	47.5	15.1	582	2.99	44.3	1.4	6.6	7.3	46	0.2	0.5	0.2	56	0.61	0.097
1140214	Soil	1.1	8.0	10.7	29	<0.1	9.7	4.2	130	1.88	5.4	0.6	1.0	4.1	10	<0.1	0.3	0.2	56	0.10	0.011
REP 1140214	QC	0.9	7.8	11.1	30	<0.1	10.0	4.4	135	1.92	5.4	0.6	2.3	4.2	10	<0.1	0.3	0.2	58	0.10	0.013
1131908	Soil	1.6	34.3	14.4	89	0.3	47.8	14.3	351	3.00	148.1	1.3	12.7	5.4	25	0.3	0.9	0.2	62	0.31	0.051
REP 1131908	QC	1.6	33.7	14.5	90	0.3	47.9	14.2	348	2.96	147.2	1.3	14.7	5.2	23	0.3	0.8	0.2	62	0.29	0.051
1109441	Soil	1.6	20.9	30.7	74	0.1	25.8	11.8	424	3.20	182.5	1.3	19.0	10.4	18	0.2	0.5	0.3	62	0.16	0.041
REP 1109441	QC	1.5	20.5	29.5	70	0.1	25.2	11.4	397	3.17	182.7	1.4	23.3	10.5	18	0.2	0.5	0.3	62	0.15	0.042
1109467	Soil	1.4	25.0	18.9	78	0.1	27.0	11.9	307	3.22	93.8	1.1	13.5	7.1	17	0.3	0.5	0.2	66	0.20	0.038
REP 1109467	QC	1.3	25.3	19.2	78	0.1	26.9	12.2	304	3.27	97.1	1.1	19.3	7.3	18	0.3	0.6	0.2	64	0.21	0.039
1213893	Soil	1.8	27.0	12.9	57	0.5	24.1	9.8	287	3.15	220.2	1.2	21.5	5.5	17	0.2	0.7	0.2	68	0.12	0.022
REP 1213893	QC	1.9	27.2	13.1	57	0.5	24.4	10.3	292	3.17	227.2	1.3	26.0	5.4	17	0.2	0.7	0.2	69	0.13	0.023
1213898	Soil	1.4	31.3	14.5	71	0.1	25.6	11.9	418	3.03	140.0	1.1	25.2	5.9	29	0.2	0.6	0.1	56	0.34	0.053
REP 1213898	QC	1.2	29.5	14.8	72	0.1	26.5	12.1	418	3.06	138.6	1.1	24.2	5.9	30	0.2	0.6	0.2	59	0.34	0.054
1096054	Soil	0.6	23.7	11.4	70	0.2	19.6	9.4	386	2.80	6.6	1.9	9.6	7.9	32	0.2	0.6	0.5	53	0.38	0.049
REP 1096054	QC	0.6	22.8	12.0	69	0.1	19.4	9.3	379	2.78	5.7	1.9	3.2	7.9	31	0.1	0.5	0.4	54	0.36	0.047
1096064	Soil	0.7	25.9	12.7	68	0.2	18.8	9.6	557	2.08	35.1	1.1	6.0	1.6	63	0.4	0.6	0.2	39	1.76	0.056
REP 1096064	QC	0.7	26.8	12.9	67	0.2	20.5	9.5	577	2.06	34.8	1.1	6.4	1.5	62	0.2	0.6	0.2	38	1.83	0.053

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Report Date: November 09, 2011

QUALITY CONTROL REPORT WHI11001817.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1213541	Soil	13	75	0.72	298	0.079	<1	1.83	0.013	0.09	0.2	0.03	3.6	0.1	<0.05	6	<0.5	<0.2
REP 1213541	QC	13	74	0.72	291	0.076	1	1.81	0.013	0.09	0.2	0.02	3.6	<0.1	<0.05	6	<0.5	<0.2
1109387	Soil	44	53	1.05	521	0.070	<1	2.33	0.006	0.22	0.2	<0.01	3.9	0.3	<0.05	7	<0.5	<0.2
REP 1109387	QC	41	53	1.02	508	0.068	<1	2.29	0.006	0.22	0.2	0.01	4.0	0.3	<0.05	7	<0.5	<0.2
1109482	Soil	9	19	0.12	89	0.020	<1	0.81	0.011	0.03	<0.1	0.03	0.7	<0.1	<0.05	4	0.8	<0.2
REP 1109482	QC	9	18	0.13	93	0.023	<1	0.84	0.011	0.03	<0.1	0.03	0.8	<0.1	<0.05	4	0.6	<0.2
1140418	Soil	36	61	0.64	119	0.058	<1	1.50	0.015	0.07	0.2	0.02	3.4	0.1	<0.05	6	1.6	<0.2
REP 1140418	QC	36	62	0.64	122	0.058	<1	1.51	0.015	0.07	0.1	0.02	3.4	<0.1	<0.05	6	1.4	<0.2
1140440	Soil	24	47	0.68	269	0.066	1	1.67	0.014	0.09	0.2	0.04	3.7	0.1	<0.05	5	<0.5	<0.2
REP 1140440	QC	25	48	0.69	274	0.063	1	1.71	0.013	0.09	0.2	0.03	3.4	0.1	<0.05	5	<0.5	<0.2
1140240	Soil	27	117	0.94	311	0.088	2	1.90	0.016	0.13	0.1	0.03	3.5	0.2	<0.05	6	<0.5	<0.2
REP 1140240	QC	28	121	1.00	323	0.095	1	2.02	0.018	0.14	0.1	0.04	3.6	0.2	<0.05	6	<0.5	<0.2
1140214	Soil	14	22	0.34	95	0.047	<1	1.60	0.007	0.03	0.1	0.01	2.0	<0.1	<0.05	7	<0.5	<0.2
REP 1140214	QC	14	24	0.35	96	0.045	<1	1.62	0.007	0.03	0.1	0.02	2.0	<0.1	<0.05	6	<0.5	<0.2
1131908	Soil	17	78	0.73	326	0.053	<1	1.87	0.012	0.06	0.1	0.02	3.9	0.1	<0.05	5	<0.5	<0.2
REP 1131908	QC	17	76	0.71	316	0.050	<1	1.87	0.012	0.06	0.1	0.02	4.0	0.1	<0.05	5	<0.5	<0.2
1109441	Soil	23	44	0.57	196	0.070	<1	1.82	0.009	0.09	0.2	0.01	3.0	0.2	<0.05	7	<0.5	<0.2
REP 1109441	QC	23	43	0.57	196	0.070	<1	1.86	0.008	0.09	0.2	0.02	3.1	0.2	<0.05	7	0.6	<0.2
1109467	Soil	17	39	0.62	198	0.088	<1	2.07	0.010	0.09	0.1	0.03	3.3	0.1	<0.05	6	0.6	<0.2
REP 1109467	QC	17	39	0.62	200	0.085	2	2.11	0.009	0.09	0.1	0.02	3.3	0.1	<0.05	7	0.6	<0.2
1213893	Soil	14	38	0.52	195	0.056	<1	2.31	0.009	0.05	0.1	0.04	4.2	0.1	<0.05	6	0.7	<0.2
REP 1213893	QC	14	39	0.53	190	0.054	<1	2.34	0.009	0.05	0.1	0.05	4.0	0.1	<0.05	6	<0.5	<0.2
1213898	Soil	19	36	0.66	407	0.052	<1	1.84	0.015	0.06	<0.1	0.02	4.2	<0.1	<0.05	5	0.7	<0.2
REP 1213898	QC	19	37	0.64	413	0.058	<1	1.86	0.016	0.07	0.1	0.03	4.3	<0.1	<0.05	5	<0.5	<0.2
1096054	Soil	21	28	0.58	323	0.064	2	1.89	0.015	0.06	0.1	0.06	4.5	<0.1	<0.05	6	<0.5	<0.2
REP 1096054	QC	21	27	0.58	322	0.064	1	1.91	0.015	0.06	0.1	0.05	4.5	0.1	<0.05	6	<0.5	<0.2
1096064	Soil	11	23	0.51	352	0.044	3	1.26	0.020	0.06	0.1	0.04	2.9	<0.1	0.10	3	<0.5	<0.2
REP 1096064	QC	11	23	0.49	346	0.043	3	1.23	0.018	0.06	0.1	0.04	2.8	<0.1	0.09	3	<0.5	<0.2

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

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

Project: FLU
Report Date: November 09, 2011

QUALITY CONTROL REPORT WHI11001817.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	**Cu**	**Pb**	**Zn**	**Ag**	**Ni**	**Co**	**Mn**	**Fe**	**As**	**U**	**Au**	**Th**	**Sr**	**Cd**	**Sb**	**Bi**	**V**	**Ca**	**P**
		ppm	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**%**	**ppm**	**ppm**	**ppb**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**%**	**%**
		0.1	**0.1**	**0.1**	**1**	**0.1**	**0.1**	**0.1**	**1**	**0.01**	**0.5**	**0.1**	**0.5**	**0.1**	**1**	**0.1**	**0.1**	**0.1**	**2**	**0.01**	**0.001**
Reference Materials																					
STD DS8	Standard	14.1	115.9	133.9	326	2.0	38.9	8.0	627	2.51	26.0	3.1	118.3	7.1	73	2.2	5.6	6.4	44	0.76	0.078
STD DS8	Standard	13.4	108.0	123.8	296	1.7	36.4	7.1	579	2.35	24.3	3.0	115.8	7.7	63	2.3	4.9	5.7	41	0.67	0.078
STD DS8	Standard	13.6	111.1	125.7	304	1.7	38.4	7.5	585	2.40	24.1	3.0	106.0	7.1	64	2.2	5.0	6.1	41	0.68	0.075
STD DS8	Standard	13.7	110.6	126.3	303	1.7	38.2	7.7	584	2.43	23.7	3.1	112.1	7.4	68	2.4	4.8	6.1	43	0.69	0.077
STD DS8	Standard	12.3	105.2	123.0	294	1.7	36.3	7.0	584	2.33	22.3	3.0	112.2	7.1	70	2.1	5.7	6.6	39	0.65	0.074
STD DS8	Standard	13.8	110.4	126.5	310	1.7	38.8	7.6	621	2.49	22.4	2.9	102.6	6.9	62	2.1	5.0	6.0	44	0.69	0.076
STD DS8	Standard	13.5	114.3	121.6	312	1.8	39.4	7.8	633	2.52	25.9	3.0	110.2	7.2	66	2.3	5.9	6.6	44	0.71	0.077
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Vancouver BC V6C 1H2 Canada

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Report Date: November 09, 2011

QUALITY CONTROL REPORT WHI11001817.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Reference Materials																		
STD DS8	Standard	16	124	0.64	306	0.129	3	0.98	0.098	0.46	3.0	0.21	3.0	5.4	0.10	5	4.7	5.1
STD DS8	Standard	15	113	0.61	273	0.114	2	0.92	0.101	0.40	3.0	0.19	2.6	5.2	0.08	5	4.5	5.0
STD DS8	Standard	15	117	0.60	266	0.116	1	0.92	0.100	0.39	2.9	0.19	2.5	5.1	0.16	5	4.5	5.0
STD DS8	Standard	16	117	0.61	281	0.124	2	0.96	0.107	0.41	2.8	0.19	2.7	5.2	0.15	5	5.7	5.1
STD DS8	Standard	15	111	0.59	256	0.128	3	0.87	0.097	0.39	2.7	0.19	2.2	5.2	0.15	4	3.8	4.7
STD DS8	Standard	16	120	0.61	268	0.116	2	0.91	0.087	0.39	3.1	0.21	2.4	5.6	0.14	5	5.1	5.1
STD DS8	Standard	16	120	0.61	277	0.125	3	0.93	0.086	0.41	2.9	0.19	2.3	5.2	0.18	5	4.7	4.9
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

www.acmelab.com

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

Submitted By: Mike Skead
Receiving Lab: Canada-Whitehorse
Received: October 19, 2011
Report Date: November 09, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS WHI11001826.1

CLIENT JOB INFORMATION

Project: FLU
Shipment ID: FLU2011-03
P.O. Number
Number of Samples: 94

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT-SOIL Store Soil Reject - RJSV Charges Apply

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	94	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	94	Dry at 60C			WHI
RJSV	94	Saving all or part of Soil Reject			VAN
1DX2	94	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

Acme Analytical Laboratories (Vancouver) Ltd.
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Project: FLU
Report Date: November 09, 2011

CERTIFICATE OF ANALYSIS WHI11001826.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1065622	Soil	1.5	52.3	22.2	92	0.1	59.8	22.2	617	4.46	134.7	1.1	2.4	12.0	12	0.1	1.2	0.2	75	0.12	0.049
1106999	Soil	1.7	50.4	12.3	79	0.1	33.1	14.2	713	3.57	156.0	1.6	15.2	10.0	15	<0.1	0.8	0.2	45	0.13	0.033
1107000	Soil	1.9	23.5	15.3	54	0.4	19.3	8.8	502	3.04	101.4	0.8	3.8	2.1	14	0.2	0.5	0.2	64	0.15	0.073
1065999	Soil	1.6	17.1	11.8	59	0.2	19.3	8.6	268	2.94	63.3	0.7	8.2	2.5	13	0.2	0.7	0.2	64	0.12	0.034
1106997	Soil	1.5	20.2	11.0	56	0.6	16.3	15.6	1448	2.52	53.4	0.8	4.7	2.3	19	0.2	0.5	0.2	53	0.18	0.073
1065621	Soil	1.1	22.9	10.2	65	0.3	25.9	10.0	693	2.96	121.2	0.5	3.4	4.6	15	0.2	1.0	0.2	57	0.18	0.044
1066000	Soil	1.5	32.9	14.0	70	0.1	24.9	10.4	407	3.02	192.9	1.2	16.8	5.6	20	0.1	0.9	0.2	57	0.17	0.030
1065620	Soil	1.2	36.0	12.5	66	0.2	34.7	12.9	642	3.20	201.3	1.3	23.1	7.1	21	0.1	1.2	0.2	56	0.23	0.039
1106994	Soil	2.2	56.0	15.5	118	0.2	39.3	17.6	652	3.65	319.2	2.2	33.9	7.1	26	0.3	1.3	0.2	63	0.17	0.043
1106996	Soil	1.4	22.8	12.7	72	0.3	22.4	9.5	664	3.15	103.1	0.8	10.4	5.3	12	0.2	0.7	0.2	58	0.10	0.032
1106998	Soil	0.9	22.6	10.3	59	0.2	23.8	11.0	384	2.82	34.0	0.8	8.5	5.3	15	0.1	0.5	0.2	57	0.13	0.035
1106995	Soil	2.6	60.7	20.8	100	0.2	30.9	12.6	427	3.70	519.3	2.2	32.2	10.6	18	0.2	1.8	0.3	38	0.06	0.035
1065624	Soil	1.5	28.8	13.3	71	0.3	39.9	11.8	271	3.32	44.1	0.6	1.3	3.5	13	0.3	0.5	0.2	75	0.16	0.043
1065977	Soil	1.7	40.1	9.6	92	0.5	63.6	18.4	771	3.47	145.0	0.7	5.5	0.9	18	0.6	0.8	0.2	77	0.28	0.093
1065623	Soil	1.4	20.1	9.6	58	0.2	28.1	7.9	186	3.31	68.2	0.5	3.3	2.2	14	0.2	0.6	0.2	75	0.11	0.041
1065975	Soil	1.5	25.0	11.9	55	0.4	26.6	10.1	310	3.26	71.9	1.0	10.0	5.1	16	0.1	0.8	0.2	66	0.15	0.025
1065987	Soil	1.9	31.4	16.1	95	0.3	33.9	12.1	413	3.00	155.2	1.2	7.1	5.4	35	0.3	1.1	0.2	56	0.32	0.057
1065976	Soil	1.4	36.9	12.8	67	0.2	31.2	11.6	350	3.54	107.7	0.8	6.4	7.3	14	0.1	1.0	0.2	56	0.14	0.024
1065625	Soil	1.5	26.4	10.6	65	0.2	34.3	11.7	479	3.24	57.1	0.6	6.6	3.4	13	0.1	0.7	0.2	70	0.14	0.031
1065978	Soil	1.4	33.2	10.3	77	0.3	42.6	14.6	452	3.26	109.9	0.8	8.6	3.4	21	0.3	0.9	0.2	68	0.25	0.057
1065998	Soil	1.4	19.7	14.4	57	0.2	17.7	7.7	260	2.76	172.2	0.8	27.6	5.0	14	0.1	0.6	0.2	57	0.11	0.024
1065991	Soil	1.7	26.5	16.6	61	0.5	23.0	7.7	236	2.51	33.0	1.5	1.1	2.4	18	0.3	0.4	0.2	50	0.21	0.078
1065988	Soil	1.7	34.5	13.5	65	0.9	22.5	6.9	285	2.04	95.3	1.6	7.9	1.0	46	0.7	0.6	0.1	41	0.45	0.067
1065990	Soil	1.2	24.8	13.1	75	0.1	30.7	11.6	345	3.13	79.0	1.0	8.2	5.9	19	0.2	0.6	0.2	66	0.27	0.075
1065996	Soil	1.4	16.9	14.1	55	0.2	20.1	9.2	279	3.36	44.6	0.7	4.9	5.9	12	<0.1	0.7	0.2	63	0.11	0.027
1065993	Soil	1.6	29.7	16.5	88	0.2	28.6	12.6	357	3.54	50.1	1.1	3.3	9.7	18	0.2	0.5	0.2	72	0.28	0.088
1065995	Soil	0.8	23.4	13.4	64	<0.1	21.7	10.8	326	3.16	56.5	0.9	3.4	7.2	20	<0.1	0.4	0.1	55	0.21	0.040
1065997	Soil	1.0	20.7	16.3	61	0.1	26.6	11.7	367	3.18	62.1	0.9	3.7	7.9	13	<0.1	0.5	0.2	55	0.11	0.021
1133831	Soil	1.1	19.1	10.7	54	0.1	21.0	8.9	306	2.95	64.4	0.8	3.5	4.8	15	0.1	0.9	0.2	58	0.10	0.024
1065989	Soil	2.0	28.9	13.0	65	0.3	27.8	10.5	453	2.42	65.8	1.3	3.8	1.7	33	0.3	0.5	0.1	44	0.32	0.076

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

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

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1065622	Soil		25	145	1.50	244	0.111	<1	3.16	0.006	0.27	<0.1	0.02	5.5	0.4	<0.05	8	0.7	<0.2
1106999	Soil		28	34	0.68	136	0.043	1	1.98	0.006	0.10	0.2	0.02	3.8	0.1	<0.05	5	<0.5	<0.2
1107000	Soil		12	32	0.42	174	0.040	2	1.81	0.009	0.08	0.1	0.02	2.5	0.1	<0.05	7	<0.5	<0.2
1065999	Soil		11	38	0.50	283	0.053	1	1.90	0.012	0.04	0.1	0.02	2.8	<0.1	<0.05	6	<0.5	<0.2
1106997	Soil		13	26	0.36	168	0.048	<1	1.39	0.009	0.07	0.1	0.03	2.2	<0.1	<0.05	6	<0.5	<0.2
1065621	Soil		13	34	0.50	184	0.048	1	2.14	0.008	0.06	0.2	0.04	2.7	0.1	<0.05	6	<0.5	<0.2
1066000	Soil		21	36	0.61	240	0.054	1	2.00	0.010	0.06	<0.1	0.03	4.3	0.1	<0.05	5	0.7	<0.2
1065620	Soil		30	60	0.68	260	0.061	1	1.86	0.009	0.07	0.2	0.03	4.2	0.1	<0.05	5	0.6	<0.2
1106994	Soil		21	41	0.77	253	0.059	<1	1.90	0.009	0.11	<0.1	0.02	4.5	0.1	<0.05	5	1.0	<0.2
1106996	Soil		17	33	0.53	163	0.042	<1	2.05	0.008	0.06	0.1	0.02	3.0	<0.1	<0.05	6	0.6	<0.2
1106998	Soil		12	36	0.55	159	0.065	<1	2.14	0.008	0.07	0.1	0.03	3.2	0.1	<0.05	6	<0.5	<0.2
1106995	Soil		33	29	0.55	141	0.029	<1	1.71	0.006	0.10	<0.1	0.02	2.7	0.2	<0.05	5	0.8	<0.2
1065624	Soil		11	60	0.69	251	0.109	<1	2.21	0.012	0.13	0.1	0.01	3.2	0.1	<0.05	7	0.7	<0.2
1065977	Soil		13	88	0.71	254	0.051	<1	1.72	0.009	0.12	0.1	0.03	2.6	<0.1	<0.05	6	0.8	<0.2
1065623	Soil		9	49	0.45	243	0.075	<1	1.78	0.009	0.10	0.3	0.01	2.5	0.1	<0.05	7	<0.5	<0.2
1065975	Soil		14	36	0.49	231	0.058	<1	2.23	0.010	0.04	0.1	0.03	3.9	0.1	<0.05	7	<0.5	<0.2
1065987	Soil		21	80	0.90	259	0.054	<1	1.74	0.009	0.10	0.1	0.02	3.2	0.1	<0.05	6	0.9	<0.2
1065976	Soil		21	38	0.71	181	0.062	<1	2.28	0.008	0.09	0.1	0.01	3.2	0.2	<0.05	6	0.5	<0.2
1065625	Soil		10	40	0.50	272	0.050	<1	2.16	0.008	0.05	0.1	0.03	3.2	0.1	<0.05	7	<0.5	<0.2
1065978	Soil		14	58	0.71	300	0.051	<1	2.06	0.010	0.06	0.2	0.02	3.8	<0.1	<0.05	6	0.7	<0.2
1065998	Soil		13	30	0.47	407	0.040	<1	1.84	0.010	0.04	0.2	0.03	2.8	<0.1	<0.05	6	0.6	<0.2
1065991	Soil		22	63	0.60	237	0.049	<1	1.56	0.009	0.12	<0.1	0.03	2.4	0.2	<0.05	6	1.0	<0.2
1065988	Soil		15	40	0.41	264	0.034	<1	1.19	0.011	0.06	<0.1	0.05	1.9	<0.1	<0.05	4	<0.5	<0.2
1065990	Soil		18	84	1.04	271	0.082	<1	1.98	0.008	0.11	0.1	0.02	3.4	0.1	<0.05	7	<0.5	<0.2
1065996	Soil		14	39	0.52	164	0.057	<1	2.10	0.012	0.05	0.2	0.01	3.1	0.1	<0.05	6	0.6	<0.2
1065993	Soil		21	56	0.98	263	0.093	<1	2.31	0.008	0.15	0.1	<0.01	3.4	0.2	<0.05	8	0.6	<0.2
1065995	Soil		23	38	0.68	246	0.068	<1	1.91	0.011	0.05	<0.1	0.03	3.8	0.1	<0.05	6	0.7	<0.2
1065997	Soil		21	46	0.62	208	0.059	<1	2.29	0.007	0.08	0.2	0.03	4.1	0.1	<0.05	6	<0.5	<0.2
1133831	Soil		14	34	0.48	180	0.060	<1	2.06	0.009	0.05	0.1	0.02	3.4	<0.1	<0.05	6	<0.5	<0.2
1065989	Soil		20	68	0.62	258	0.045	<1	1.30	0.013	0.11	0.1	0.05	2.3	<0.1	<0.05	5	1.1	<0.2

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Vancouver BC V6C 1H2 Canada

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1065994	Soil		0.9	19.1	13.4	55	0.2	19.0	7.7	221	2.70	54.2	0.7	3.1	4.3	14	0.2	0.4	0.2	53	0.14	0.031
1065992	Soil		1.5	29.9	13.7	73	0.1	30.3	10.5	355	3.09	38.6	1.2	5.7	5.6	17	0.1	0.6	0.2	68	0.19	0.046
1133818	Soil		1.2	29.9	17.0	59	0.4	25.8	10.7	607	2.87	138.5	1.8	15.0	7.1	25	0.2	0.9	0.2	45	0.23	0.044
1133816	Soil		1.3	11.7	18.4	66	0.3	14.4	8.3	366	2.96	44.8	0.7	2.4	6.0	13	0.1	0.5	0.2	51	0.15	0.050
1133814	Soil		0.9	18.7	12.3	67	<0.1	30.5	12.7	314	3.59	25.4	0.7	1.6	8.6	11	<0.1	0.5	0.2	62	0.08	0.024
1133813	Soil		1.2	31.3	11.1	117	0.2	80.4	24.4	512	5.27	115.0	1.0	6.1	5.1	17	0.3	1.1	0.1	81	0.31	0.101
1133817	Soil		1.9	29.9	21.9	84	0.6	24.1	14.0	793	2.84	141.8	1.3	10.3	8.4	20	0.3	0.9	0.2	52	0.23	0.060
1133815	Soil		1.2	17.0	23.7	77	0.1	20.9	11.9	481	3.42	73.9	1.0	3.4	11.1	14	<0.1	0.4	0.2	49	0.14	0.037
1133811	Soil		1.4	19.8	13.1	53	0.5	15.2	8.8	243	2.68	51.8	1.0	6.9	4.4	20	<0.1	0.4	0.2	70	0.25	0.044
1133812	Soil		1.4	34.8	15.0	95	0.1	29.0	21.8	633	4.28	95.7	1.9	20.0	12.0	29	0.2	0.6	0.2	103	0.51	0.158
1133810	Soil		1.4	23.3	19.1	60	0.4	20.5	9.2	303	3.04	102.6	1.0	11.7	5.3	21	0.3	0.5	0.2	69	0.24	0.050
1133821	Soil		1.4	29.9	17.5	68	0.2	26.6	13.1	626	3.50	175.6	1.5	11.9	9.7	18	<0.1	1.0	0.2	50	0.20	0.049
1133820	Soil		1.1	28.4	10.5	64	<0.1	27.3	11.4	344	3.09	84.5	1.1	10.9	7.5	21	<0.1	0.6	0.2	57	0.24	0.042
1133819	Soil		1.6	36.7	15.9	66	0.5	28.3	11.6	483	2.89	127.8	1.7	28.4	5.7	25	0.2	0.6	0.2	56	0.26	0.055
1133807	Soil		1.9	34.2	11.2	85	0.6	34.8	14.9	469	3.26	43.3	3.1	5.6	6.8	71	0.1	0.4	0.1	67	0.88	0.101
1133808	Soil		1.2	26.6	14.4	56	0.6	21.5	8.9	290	2.65	50.2	1.2	7.3	2.6	45	0.3	0.5	0.2	60	0.49	0.052
1133806	Soil		1.8	33.1	14.4	92	0.3	88.9	17.6	412	3.60	36.0	2.0	3.4	11.4	33	0.2	0.7	0.1	84	0.49	0.108
1133809	Soil		1.7	41.6	17.6	88	0.6	35.2	14.9	658	3.77	263.3	2.0	20.3	7.4	33	0.3	0.7	0.2	77	0.42	0.081
1133823	Soil		1.7	33.9	14.0	70	0.3	30.7	15.5	786	3.40	191.3	1.4	21.2	5.4	23	<0.1	1.2	0.2	63	0.20	0.035
1133803	Soil		1.8	28.0	13.7	68	0.2	33.3	12.9	304	3.36	102.9	1.0	10.5	6.4	16	0.1	0.6	0.2	79	0.18	0.041
1133801	Soil		2.3	33.7	18.0	96	0.2	39.2	15.4	481	3.63	151.1	1.1	29.0	7.3	20	0.3	0.7	0.2	69	0.13	0.046
1133802	Soil		2.1	39.7	14.9	94	0.6	35.1	20.3	1076	3.76	141.0	1.2	67.5	5.8	26	0.4	0.7	0.2	81	0.31	0.066
1133824	Soil		2.0	32.1	14.0	75	0.3	30.1	10.7	404	3.58	267.0	1.0	18.0	5.4	13	0.2	1.4	0.2	71	0.12	0.032
1133805	Soil		1.8	30.5	12.9	73	0.3	44.7	16.6	445	3.47	53.0	1.5	3.7	8.1	35	0.2	0.6	0.2	82	0.51	0.083
1133804	Soil		1.7	45.7	24.9	82	0.8	46.7	17.8	529	3.54	138.0	3.3	15.5	9.0	46	0.5	0.5	0.2	83	0.61	0.071
1130294	Soil		2.3	34.7	16.9	96	0.2	39.4	15.0	463	3.58	147.5	1.1	31.3	7.1	19	0.2	0.7	0.2	68	0.14	0.047
1133830	Soil		1.3	37.7	11.7	65	<0.1	29.8	13.6	337	3.23	110.2	1.2	5.7	6.9	17	0.1	1.2	0.2	63	0.12	0.023
1133828	Soil		1.2	25.3	13.3	72	0.3	27.4	13.7	374	3.68	64.2	0.7	3.4	5.3	10	<0.1	0.9	0.3	80	0.10	0.035
1133826	Soil		1.4	37.0	16.7	75	0.5	34.4	16.8	631	4.03	206.8	1.5	6.4	12.5	15	<0.1	1.8	0.2	52	0.13	0.031
1133822	Soil		1.9	37.9	15.2	81	0.3	35.3	17.4	770	3.51	321.8	1.4	24.8	7.7	19	0.2	1.6	0.2	56	0.20	0.055

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1065994	Soil		16	30	0.53	184	0.053	<1	1.74	0.009	0.05	0.1	0.03	2.5	0.1	<0.05	6	<0.5	<0.2
1065992	Soil		17	63	0.77	231	0.068	<1	2.01	0.009	0.08	0.1	0.02	3.3	0.1	<0.05	7	1.0	<0.2
1133818	Soil		30	34	0.56	237	0.035	<1	1.62	0.012	0.08	0.1	0.04	3.4	<0.1	<0.05	5	<0.5	<0.2
1133816	Soil		16	27	0.50	174	0.057	<1	1.64	0.009	0.15	0.1	<0.01	2.1	0.1	<0.05	6	0.6	<0.2
1133814	Soil		13	85	0.89	192	0.109	<1	2.51	0.007	0.25	<0.1	0.01	3.3	0.2	<0.05	7	0.7	<0.2
1133813	Soil		16	106	1.54	344	0.067	<1	3.24	0.007	0.23	0.1	0.02	5.4	0.3	<0.05	8	<0.5	<0.2
1133817	Soil		27	31	0.53	296	0.050	1	1.50	0.007	0.10	0.2	0.01	2.6	0.1	0.05	6	1.3	<0.2
1133815	Soil		21	28	0.73	241	0.067	<1	2.25	0.006	0.15	<0.1	<0.01	2.5	0.2	<0.05	7	0.7	<0.2
1133811	Soil		18	39	0.70	388	0.071	1	1.80	0.009	0.05	0.1	0.02	3.4	0.1	<0.05	7	1.0	<0.2
1133812	Soil		32	79	1.68	587	0.160	<1	2.99	0.008	0.33	0.1	0.01	5.1	0.4	<0.05	9	1.0	<0.2
1133810	Soil		21	45	0.67	244	0.044	1	1.79	0.007	0.06	0.1	0.02	3.4	0.1	<0.05	8	0.8	<0.2
1133821	Soil		28	37	0.63	212	0.054	<1	1.82	0.008	0.10	0.2	<0.01	3.3	0.2	<0.05	6	0.8	<0.2
1133820	Soil		22	39	0.63	211	0.062	1	1.73	0.010	0.06	0.4	0.01	3.4	0.1	<0.05	5	0.9	<0.2
1133819	Soil		28	36	0.53	286	0.046	2	1.92	0.010	0.09	0.2	0.03	3.8	0.1	<0.05	6	1.1	<0.2
1133807	Soil		51	54	1.03	572	0.093	<1	2.07	0.022	0.12	0.1	0.05	4.2	0.2	0.08	7	1.2	<0.2
1133808	Soil		22	38	0.55	326	0.050	<1	1.72	0.011	0.07	0.1	0.04	3.7	0.1	<0.05	6	0.9	<0.2
1133806	Soil		42	269	1.68	371	0.148	<1	2.38	0.010	0.28	0.2	0.03	4.1	0.3	<0.05	8	1.4	<0.2
1133809	Soil		33	53	0.98	353	0.093	1	2.13	0.012	0.09	0.1	0.04	4.5	0.1	<0.05	7	1.1	<0.2
1133823	Soil		19	40	0.63	198	0.063	<1	2.05	0.011	0.06	0.1	0.02	4.1	0.1	<0.05	6	1.1	<0.2
1133803	Soil		16	82	0.82	274	0.078	2	2.25	0.009	0.06	0.2	0.02	3.7	0.1	<0.05	7	0.8	<0.2
1133801	Soil		19	57	0.76	359	0.050	1	2.01	0.008	0.07	0.1	0.01	3.3	0.1	<0.05	7	1.2	<0.2
1133802	Soil		18	64	1.05	404	0.054	2	2.19	0.011	0.08	0.1	0.02	5.5	<0.1	<0.05	7	1.2	<0.2
1133824	Soil		18	37	0.60	144	0.059	<1	1.99	0.008	0.08	0.1	<0.01	3.1	0.1	<0.05	7	0.8	<0.2
1133805	Soil		29	117	1.22	347	0.100	1	2.16	0.011	0.15	0.2	0.02	5.1	0.2	<0.05	8	1.0	<0.2
1133804	Soil		54	86	1.14	384	0.089	1	2.17	0.010	0.10	0.1	0.05	6.5	0.2	<0.05	8	1.1	<0.2
1130294	Soil		20	57	0.75	327	0.055	2	2.03	0.008	0.08	0.1	0.01	3.3	0.1	<0.05	6	1.3	<0.2
1133830	Soil		17	36	0.64	163	0.073	1	2.37	0.010	0.08	0.1	0.02	3.7	0.1	<0.05	6	<0.5	<0.2
1133828	Soil		15	49	0.66	175	0.064	2	2.51	0.008	0.07	0.1	0.02	3.4	0.2	<0.05	8	1.0	<0.2
1133826	Soil		35	55	0.73	176	0.055	1	2.33	0.008	0.12	0.1	0.02	4.3	0.2	<0.05	6	0.6	<0.2
1133822	Soil		25	46	0.69	189	0.060	2	1.86	0.009	0.09	0.2	0.01	3.5	0.1	<0.05	6	0.8	<0.2

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

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

Project: FLU
Report Date: November 09, 2011

CERTIFICATE OF ANALYSIS WHI11001826.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1133829	Soil		1.4	19.6	13.2	52	0.2	17.2	8.1	275	2.71	41.3	1.0	3.3	5.9	16	<0.1	0.5	0.2	64	0.13	0.016
1133827	Soil		1.8	27.5	14.5	65	0.2	26.6	13.4	382	3.43	53.6	1.1	6.3	6.3	14	0.1	0.8	0.2	70	0.12	0.041
1133825	Soil		1.7	23.8	12.9	52	0.4	23.1	8.6	262	3.06	78.4	1.2	13.1	4.9	17	0.1	0.7	0.2	69	0.15	0.025
1133881	Soil		1.4	52.4	10.0	99	0.2	100.0	24.1	467	4.99	74.2	1.4	7.3	6.2	31	0.1	0.7	0.2	107	0.74	0.260
1133869	Soil		1.7	30.0	16.9	70	0.2	35.8	15.8	678	3.73	123.1	1.3	9.4	8.7	19	<0.1	0.9	0.2	65	0.19	0.053
1133867	Soil		1.2	32.2	15.1	70	0.2	26.9	11.3	458	2.90	163.8	1.4	70.9	8.0	16	0.1	0.7	0.2	49	0.18	0.040
1133870	Soil		2.2	28.0	13.4	60	0.2	23.6	15.1	1200	3.50	184.1	1.0	9.2	4.7	15	0.2	1.2	0.2	63	0.17	0.084
1133865	Soil		1.3	28.2	13.9	63	0.2	24.6	11.1	426	2.91	107.4	1.5	17.3	7.2	19	<0.1	0.6	0.2	60	0.19	0.025
1133864	Soil		1.5	30.0	14.1	73	0.2	26.7	11.1	441	3.22	138.8	1.0	14.7	5.6	19	0.2	0.7	0.2	68	0.13	0.026
1133863	Soil		1.5	40.1	24.6	69	0.2	26.0	12.1	591	3.01	247.8	1.8	99.1	10.4	21	0.2	0.9	0.2	43	0.20	0.033
1133866	Soil		2.1	42.8	16.1	86	0.3	33.1	9.4	307	3.47	213.1	1.4	13.0	10.9	17	0.2	1.3	0.2	55	0.13	0.032
1133868	Soil		1.9	36.1	12.6	68	0.5	28.5	11.8	649	3.20	96.4	1.6	6.2	6.3	21	0.2	0.5	0.2	56	0.19	0.044
1133855	Soil		3.2	39.1	20.8	109	0.2	63.5	20.1	659	4.11	56.7	1.4	3.5	13.6	27	0.2	0.7	0.2	88	0.42	0.120
1133859	Soil		0.9	23.9	30.7	78	<0.1	25.4	16.6	764	3.98	80.5	2.2	6.9	18.8	22	0.1	0.6	0.2	42	0.30	0.094
1133858	Soil		1.1	36.7	9.9	91	0.1	41.5	22.6	913	4.55	32.6	1.2	2.1	8.0	36	0.2	0.2	<0.1	103	0.74	0.237
1133862	Soil		1.5	33.6	28.6	91	<0.1	20.7	9.9	430	2.78	172.4	1.3	30.0	12.2	13	0.3	0.9	0.2	37	0.11	0.028
1133854	Soil		2.0	43.0	17.7	101	0.2	53.9	28.9	1102	5.36	45.6	2.0	4.3	11.1	41	0.2	0.7	0.2	133	0.92	0.294
1133857	Soil		1.5	34.1	14.5	110	0.1	29.7	17.9	744	4.42	98.3	1.3	4.3	12.5	32	0.2	0.8	0.2	89	0.62	0.192
1133860	Soil		1.5	28.9	15.4	71	0.3	27.3	10.2	329	3.22	65.9	0.9	17.5	6.5	16	0.3	0.7	0.2	62	0.14	0.033
1133861	Soil		1.5	16.1	14.6	81	0.2	15.1	12.5	620	3.42	34.7	0.8	4.7	7.0	14	0.3	0.7	0.2	66	0.12	0.045
1133851	Soil		1.3	28.1	24.1	74	0.1	28.8	13.5	524	3.11	129.1	1.4	18.6	9.4	24	0.2	0.7	0.2	47	0.32	0.097
1133852	Soil		1.5	25.2	16.2	64	0.2	26.2	9.8	336	2.92	137.9	1.3	32.0	6.1	24	0.1	0.7	0.2	59	0.20	0.038
1133853	Soil		1.4	26.8	13.6	71	<0.1	42.2	11.8	363	3.36	46.7	0.8	13.6	5.4	16	0.1	0.7	0.2	73	0.19	0.058
1133856	Soil		1.4	31.7	12.7	78	0.1	31.2	13.0	494	3.22	86.9	1.2	6.6	7.1	26	0.2	1.0	0.2	65	0.33	0.089
1133872	Soil		1.3	31.3	12.3	60	0.2	25.1	12.0	450	3.20	80.0	1.4	9.7	6.2	20	<0.1	1.1	0.2	63	0.14	0.020
1133873	Soil		1.4	32.4	11.6	64	<0.1	28.2	11.3	488	3.32	169.0	0.7	9.8	5.4	14	0.1	1.4	0.2	55	0.14	0.039
1133871	Soil		1.3	29.0	10.7	58	0.3	27.8	11.1	429	3.06	88.5	1.1	19.3	5.8	22	<0.1	0.8	0.2	58	0.19	0.024
1133874	Soil		1.3	23.0	11.0	53	0.1	25.5	9.8	322	3.08	74.2	0.7	7.4	4.7	17	0.1	0.9	0.2	62	0.14	0.022
1133875	Soil		1.1	28.4	17.8	80	0.1	27.2	12.0	449	4.14	128.3	1.5	2.8	12.8	10	0.2	1.8	0.3	40	0.08	0.032
1133878	Soil		1.1	38.4	9.9	61	<0.1	30.0	11.4	484	3.25	98.5	1.0	12.4	5.7	26	<0.1	1.1	0.2	60	0.22	0.021

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

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

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CERTIFICATE OF ANALYSIS WHI11001826.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1133829	Soil		17	32	0.49	153	0.071	<1	1.95	0.010	0.05	0.1	0.01	3.3	0.1	<0.05	7	<0.5	<0.2
1133827	Soil		14	40	0.55	172	0.069	1	2.55	0.010	0.06	0.1	0.03	3.8	0.1	<0.05	7	<0.5	<0.2
1133825	Soil		16	35	0.50	206	0.070	1	2.17	0.010	0.05	0.1	0.04	3.8	0.1	<0.05	7	0.7	<0.2
1133881	Soil		21	172	1.09	473	0.128	2	2.89	0.011	0.47	0.2	0.02	6.7	0.2	<0.05	8	1.0	<0.2
1133869	Soil		23	67	0.73	195	0.067	<1	2.23	0.008	0.13	0.2	0.02	3.6	0.2	<0.05	6	<0.5	<0.2
1133867	Soil		22	30	0.59	140	0.055	1	1.64	0.007	0.07	0.1	0.02	2.9	0.1	<0.05	5	1.0	<0.2
1133870	Soil		20	35	0.48	166	0.065	1	1.49	0.008	0.10	0.1	0.01	2.6	0.1	<0.05	6	<0.5	<0.2
1133865	Soil		21	37	0.62	225	0.062	1	1.91	0.012	0.06	<0.1	0.02	4.4	0.1	<0.05	6	0.5	<0.2
1133864	Soil		14	50	0.74	212	0.065	2	2.26	0.009	0.06	0.1	0.02	3.6	0.1	<0.05	6	0.9	<0.2
1133863	Soil		27	30	0.60	248	0.034	<1	1.60	0.008	0.07	0.2	0.02	3.5	<0.1	<0.05	4	0.8	<0.2
1133866	Soil		27	34	0.61	127	0.037	1	1.79	0.006	0.09	0.1	0.02	2.7	0.1	<0.05	5	<0.5	<0.2
1133868	Soil		21	36	0.69	200	0.059	<1	1.87	0.011	0.10	0.1	0.02	3.0	0.1	<0.05	7	<0.5	<0.2
1133855	Soil		34	190	1.83	507	0.133	2	2.78	0.008	0.53	0.1	<0.01	5.0	0.4	<0.05	9	<0.5	<0.2
1133859	Soil		66	63	1.07	364	0.053	2	2.32	0.006	0.25	<0.1	<0.01	5.3	0.3	<0.05	6	<0.5	<0.2
1133858	Soil		31	228	2.14	445	0.162	<1	2.74	0.005	1.06	<0.1	<0.01	7.3	0.5	<0.05	8	<0.5	<0.2
1133862	Soil		42	29	0.58	240	0.023	1	1.72	0.005	0.08	0.1	<0.01	2.8	0.1	<0.05	4	<0.5	<0.2
1133854	Soil		50	149	2.47	687	0.110	1	3.23	0.007	0.53	0.1	0.02	14.4	0.4	<0.05	11	<0.5	<0.2
1133857	Soil		36	57	1.42	487	0.123	1	2.95	0.006	0.42	0.1	<0.01	4.7	0.3	<0.05	9	<0.5	<0.2
1133860	Soil		15	39	0.61	317	0.061	1	2.34	0.011	0.07	0.1	0.03	3.9	0.1	<0.05	6	<0.5	<0.2
1133861	Soil		15	31	0.68	290	0.077	2	2.20	0.007	0.10	0.1	0.01	3.3	0.2	<0.05	7	<0.5	<0.2
1133851	Soil		29	61	0.79	317	0.051	1	1.80	0.008	0.13	0.3	0.01	3.6	0.2	<0.05	5	<0.5	<0.2
1133852	Soil		20	43	0.61	327	0.049	1	1.81	0.013	0.07	0.2	0.02	3.8	0.1	<0.05	6	<0.5	<0.2
1133853	Soil		22	125	0.97	164	0.064	1	1.96	0.007	0.08	0.1	0.02	4.6	0.2	<0.05	8	<0.5	<0.2
1133856	Soil		21	59	0.91	299	0.101	1	2.09	0.011	0.17	0.1	0.01	3.3	0.2	<0.05	6	<0.5	<0.2
1133872	Soil		19	40	0.55	198	0.086	2	2.27	0.016	0.07	0.2	0.04	6.8	0.1	<0.05	6	<0.5	<0.2
1133873	Soil		18	38	0.64	154	0.050	2	2.14	0.007	0.07	0.1	0.02	3.3	0.1	<0.05	6	<0.5	<0.2
1133871	Soil		17	40	0.60	180	0.069	1	2.26	0.013	0.06	0.2	0.05	4.5	0.1	<0.05	5	<0.5	<0.2
1133874	Soil		14	36	0.51	184	0.067	1	2.17	0.011	0.05	0.1	0.03	3.9	0.1	<0.05	6	<0.5	<0.2
1133875	Soil		38	30	0.49	130	0.019	1	2.08	0.006	0.08	0.1	<0.01	3.6	0.2	<0.05	5	<0.5	<0.2
1133878	Soil		20	42	0.57	256	0.072	<1	1.99	0.012	0.06	0.1	0.04	7.2	<0.1	<0.05	5	<0.5	<0.2

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

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

Project: FLU
Report Date: November 09, 2011

CERTIFICATE OF ANALYSIS WHI11001826.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1133879	Soil	1.2	37.8	11.2	87	<0.1	50.9	15.4	460	4.05	99.7	0.8	10.0	5.9	15	0.2	1.1	0.2	74	0.20	0.044
1133876	Soil	1.1	38.0	16.6	71	<0.1	29.2	13.7	597	3.55	201.3	1.7	10.6	13.8	18	<0.1	2.1	0.2	40	0.14	0.032
1133880	Soil	1.4	50.4	9.4	94	0.1	95.4	23.0	447	4.82	70.3	1.2	5.9	5.3	33	0.1	0.7	0.2	99	0.78	0.251
1133877	Soil	1.0	36.6	10.9	62	<0.1	29.8	11.2	421	3.27	89.4	1.1	10.2	5.6	26	0.1	1.0	0.2	65	0.21	0.020

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

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

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CERTIFICATE OF ANALYSIS WHI11001826.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1133879	Soil	19	76	0.99	330	0.103	1	2.71	0.009	0.18	0.1	0.01	4.0	0.2	<0.05	6	<0.5	<0.2
1133876	Soil	38	33	0.47	183	0.047	2	1.81	0.008	0.11	0.1	0.03	5.0	0.2	<0.05	4	<0.5	<0.2
1133880	Soil	22	170	1.08	493	0.115	1	2.73	0.011	0.47	0.1	0.02	7.1	0.3	<0.05	8	<0.5	<0.2
1133877	Soil	20	44	0.60	262	0.081	<1	2.25	0.014	0.06	0.2	0.04	7.7	<0.1	<0.05	6	<0.5	<0.2

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

www.acmelab.com

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

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QUALITY CONTROL REPORT WHI11001826.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1106994	Soil	2.2	56.0	15.5	118	0.2	39.3	17.6	652	3.65	319.2	2.2	33.9	7.1	26	0.3	1.3	0.2	63	0.17	0.043
REP 1106994	QC	2.2	53.9	14.6	115	0.2	38.9	16.7	619	3.47	306.0	2.1	39.8	6.6	25	0.3	1.3	0.2	61	0.15	0.041
1065993	Soil	1.6	29.7	16.5	88	0.2	28.6	12.6	357	3.54	50.1	1.1	3.3	9.7	18	0.2	0.5	0.2	72	0.28	0.088
REP 1065993	QC	1.7	29.4	17.0	88	0.2	28.6	12.6	357	3.51	49.6	1.1	4.0	9.4	19	0.2	0.5	0.2	72	0.27	0.081
1133824	Soil	2.0	32.1	14.0	75	0.3	30.1	10.7	404	3.58	267.0	1.0	18.0	5.4	13	0.2	1.4	0.2	71	0.12	0.032
REP 1133824	QC	1.6	30.9	13.3	71	0.3	28.8	10.8	387	3.56	258.5	1.0	18.6	5.2	13	0.1	1.3	0.2	68	0.11	0.034
1133865	Soil	1.3	28.2	13.9	63	0.2	24.6	11.1	426	2.91	107.4	1.5	17.3	7.2	19	<0.1	0.6	0.2	60	0.19	0.025
REP 1133865	QC	1.3	28.2	13.9	63	0.2	25.3	11.7	437	3.03	110.5	1.5	19.7	7.2	19	<0.1	0.5	0.2	58	0.19	0.024
1133860	Soil	1.5	28.9	15.4	71	0.3	27.3	10.2	329	3.22	65.9	0.9	17.5	6.5	16	0.3	0.7	0.2	62	0.14	0.033
REP 1133860	QC	1.4	28.0	15.5	72	0.3	27.9	10.3	327	3.28	66.3	1.0	17.4	6.6	17	0.3	0.7	0.2	62	0.14	0.032
Reference Materials																					
STD DS8	Standard	12.5	103.9	123.7	298	1.8	35.5	7.2	601	2.39	24.2	2.7	110.2	6.7	69	2.2	5.7	6.5	40	0.66	0.077
STD DS8	Standard	12.0	105.4	119.5	295	1.7	34.4	7.0	592	2.35	24.1	2.7	109.3	6.5	63	2.2	5.4	6.5	38	0.62	0.076
STD DS8	Standard	14.4	113.1	129.8	307	1.9	38.0	7.9	640	2.54	25.4	3.0	110.1	7.2	66	2.3	5.3	6.0	45	0.73	0.075
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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

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

Project: FLU
Report Date: November 09, 2011

QUALITY CONTROL REPORT WHI11001826.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1106994	Soil	21	41	0.77	253	0.059	<1	1.90	0.009	0.11	<0.1	0.02	4.5	0.1	<0.05	5	1.0	<0.2
REP 1106994	QC	19	39	0.74	239	0.050	<1	1.71	0.011	0.10	0.1	0.02	4.3	0.1	<0.05	5	1.1	<0.2
1065993	Soil	21	56	0.98	263	0.093	<1	2.31	0.008	0.15	0.1	<0.01	3.4	0.2	<0.05	8	0.6	<0.2
REP 1065993	QC	22	56	0.98	272	0.094	<1	2.28	0.013	0.15	0.1	<0.01	3.4	0.2	<0.05	7	0.9	<0.2
1133824	Soil	18	37	0.60	144	0.059	<1	1.99	0.008	0.08	0.1	<0.01	3.1	0.1	<0.05	7	0.8	<0.2
REP 1133824	QC	16	35	0.60	142	0.057	1	1.97	0.007	0.07	0.1	0.02	2.9	0.1	<0.05	7	0.7	<0.2
1133865	Soil	21	37	0.62	225	0.062	1	1.91	0.012	0.06	<0.1	0.02	4.4	0.1	<0.05	6	0.5	<0.2
REP 1133865	QC	22	37	0.62	222	0.059	<1	1.85	0.012	0.05	<0.1	0.02	4.2	<0.1	<0.05	6	0.6	<0.2
1133860	Soil	15	39	0.61	317	0.061	1	2.34	0.011	0.07	0.1	0.03	3.9	0.1	<0.05	6	<0.5	<0.2
REP 1133860	QC	15	38	0.62	322	0.062	2	2.38	0.009	0.07	0.1	0.03	3.8	0.1	<0.05	6	0.6	<0.2
Reference Materials																		
STD DS8	Standard	15	114	0.58	275	0.123	3	0.89	0.096	0.41	2.9	0.20	2.8	5.2	0.12	5	4.7	5.0
STD DS8	Standard	13	107	0.57	250	0.107	2	0.88	0.092	0.40	2.7	0.20	2.1	5.3	0.12	4	4.8	5.3
STD DS8	Standard	15	122	0.64	285	0.127	3	0.91	0.086	0.42	3.2	0.21	2.0	5.6	0.19	5	5.5	5.4
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

RYAN GOLD CORP.

CERTIFICATE OF WORK

Schedule C

Flume Property

SOIL SAMPLING PROGRAM:

A total of 48 man days were required to collect a total of 1510 soil samples from October 11 to 16, 2011

Description		Rate	Unit	Total
WAGES:				
Soil Samplers	per day	$ 350.00	38	$ 13,300.00
Project Forman	per day	$ 400.00	10	$ 4,000.00
Travel Rate: Soil Sampler	per day	$ 250.00	12	$ 3,000.00
Packing & Prep	per day	$ 250.00	1	$ 250.00
Stat holiday on Mobilization Day - Oct 10 (Thanksgiving)	per day	$ 250.00	8	$ 2,000.00
DATA MANAGEMENT & PROCESSING SERVICES:				
GIS/Job Layout/Mapping/Results Plotting	per hour	$ 75.00	3	$ 225.00
Data Processing: In the field	per hour	$ 60.00	10	$ 600.00
Database Management/Chain of Custody, Barcoded Samples	$0.50/sample	$ 0.50	1510	$ 755.00
Georeferenced In situ Sample & Sample Site Photos	per sample	$ 1.00	1510	$ 1,510.00
CONSUMABLE SAMPLING SUPPLIES:				
Flagging, Metal ID Tags, Sample Bags, Ore Bags, Rice Bags, etc.	per sample	$ 1.00	1510	$ 1,510.00
EQUIPMENT RENTAL (per unit, per day):				
Boat Rental (3000lb capacity: Driver Incl., Fuel Extra)	per day	$ 500.00		$ 500.00
Fuel (Boat Rental)		$ 150.00		$ 150.00
Chainsaw drop kit: 1 per helicopter load, or as required	per day	$ 35.00	10	$ 350.00
Iridium Satellite Phone: 1 per crew, charge 10 min/day	per day&min	$ 35.00	10	$ 350.00
Radio: ICOM Handheld: 1 per person	per day	$ 5.00	48	$ 240.00
Computer/Software: 1 per camp nightly data download	per day	$ 50.00	6	$ 300.00
Handheld GPS/Barcode Scanner/Camera/Data Recorder	per day	$ 15.00	48	$ 720.00
Camp Satellite Internet	per day	$ 20.00	6	$ 120.00
ACCOMODATION and FOOD:				
Remote Camp Fee: full fly camp/kitchen/generator	per man day	$ 35.00	44	$ 1,540.00
Dawson Accomodation Fee: Samplers based in Dawson	per man day	$ 35.00	4	$ 140.00
Food	per man day	$ 50.00	60	$ 3,000.00
EXPEDITING: Full Size Truck	per hour	$ 75.00	10.5	$ 787.50
TRANSPORTATION:				
Fixed Wind Support (Islander to 10 mile Airstrip: $767.55)	cost + 10%	$ 844.31	3	$ 2,532.93
HELICOPTER SUPPORT:				
Trans North	per hour	$ 1,575.00	8.7	$ 13,702.50
FUEL	per litre	$ 1.45	1653	$ 2,396.85
ANALYTICAL ANALYSIS COSTS:				
Acme Laboratories, Vancouver, B.C./SOILS	per sample	$ 24.00	1510	$ 36,240.00
REPORT WRITING:				$ 500.00
			TOTAL COST/SOIL SAMPLING PROGRAM=	**$ 90,719.78**
			divided by 1510 =	**$ 60.08 PER SAMPLE**