GEOLOGICAL & GEOCHEMICAL ASSESSMENT REPORT ON THE McKAY HILL PROPERTY, YUKON TERRITORY

SNOOSE 1 -20 (YC56719 to YC56737)
SNOOSE 21-90 (YD11201 to YD11270)

NTS: 106D/6

Latitude 64°20' 57"N Longitude 135°21'9"W

MINFILE # 106D 037 & 038

Mayo Mining District

Work Performed on August 12-14th 2009

For

Monster Mining Corp.
750 – 580 Hornby Street,
Richmond, British Columbia
V6C 3B6

Submitted By:
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December 7th, 2010

SUMMARY

In the summer of 2009 *Keno Hill Exploration Corp*. completed a YMIP-funded exploration program on behalf of Monster Mining Corp. on the McKay Hill property located approximately 50 km north-northwest of Keno City on NTS map-sheet 106D/6. The SNOOSE 1-20 claims were staked by Matthias Bindig on July 19th 2007 to cover MINFILE showing 106D 038 which was found during research on the Yukon Geological Survey's (*herein* YGS) MINFILE database. On August 1st 2009 Monster Mining Corp. staked an additional 70 claims surrounding the original claim block to cover known vein extensions and MINFILE occurrence 106D 037 (the White Hill Showing). The McKay Hill Property now comprises 90 quartz claims (1881 Ha). The 2009 YMIP-funded exploration program was completed from August 12th to 14th 2009 by Matthias Bindig (prospector), Lauren Blackburn (geologist) and Mark Roden (prospector) for a total of 9-man days. A total of $22 501.65 was spent during the program and subsequently filed for a 50% remittance for YMIP-funding. All of the work completed during this exploration program was completed on quartz claims SNOOSE 5-8, 16 and 18 (YC*56723-YC56726, YC56734 and YC56736*) and the newly staked White Hill Showing. The SNOOSE 1 – 90 quartz claims were subsequently grouped with submission of this report for a total of $22 501. 65 filed for assessment.

The purpose of the program was fourfold: to map the central claims on the property, to establish mineralization styles, to locate and verify the newly staked White Hill occurrence (MINFILE 106D 037) and to collect soil geochemical samples for analysis.

It was anticipated that typical polymetallic Ag-Pb-Zn ± Au-style mineralization would be observed, however, during geological mapping numerous distinct differences from the proposed polymetallic model became apparent. Unlike Keno Hill, showings on the McKay Hill property lack siderite gangue and are not present as vein-faults. Widespread propylitic alteration surrounds vertically zoned ore shoots (high-level Au-Cu and deeper-level Ag-Cu-Pb) hosted in consistently north-northwest striking, near vertical, siliciclastic and hypabyssal-volcanic rocks. The Ag-Pb-Zn veins in the Keno Hill Camp were emplaced in discrete dialational fault structures within polydeformed clastic metasediments and are not associated with extensive alteration (Blackburn, 2010). These exciting geological findings result in significant implications in interpreting the geology of the area, potential of the McKay Hill prospect, regional geological interpretations and metallogenic potential of the area.

Three rock samples were collected at different levels to test the mineralogical relationships observed from the fluid evolution of high-level siliceous mineralization to low-level galena-Pb ± Cu-carbonate mineralization. These samples reported up to 1.29 g/t Au, 156 g/t Ag, 58.29% Pb, 6.3% Zn and 0.9% Cu. Extensive rock sampling was completed during the 2007 and 2008 exploration seasons and therefore rock sampling was not a component of the 2009 exploration season (see Paulter 2008 and 2009 for results). These samples reported relatively low to average geochemically anomalous results for the elements listed above but did however verify the mineralogical relationships observed supporting the evolution of the ore-forming fluids.

The newly staked White Hill occurrence (106D 037) was located and prospected during the exploration program and 5 rock samples were collected and sent in for inductively coupled mass-spectrometry (ICP-MS) analysis with a gold-fire assay finish and Ag-Au-Pb-Zn over limit analyses at ACME Analytical Labs (Assay Certificate VAN09004185).

Prospecting located numerous massive-appearing, resistant, quartz veins ± Cu-carbonate hosted within coarse-grained volcanic breccia, fine-grained volcanic tuff and massive-appearing andesite. Rock samples reported up to 0.06 g/t Au, 3.9 g/t Ag, 1.41% Pb, 0.13% Zn and 0.5% Cu. Despite the relatively low geochemical values reported for the rock samples, the area is highly prospective and was briefly prospected while trying to locate the showing(s). Historical work at the White Hill showing is extensive, however, no historical data is known. Therefore, this prospect should be visited in future exploration programs and more extensively prospected and geochemically sampled.

A total of 140 soil samples were collected during the program and sent in for inductively coupled mass-spectrometry (ICP-MS) analysis with Ag-Au-Pb-Zn over limit analyses at ACME Analytical Labs (Assay Certificate VAN09004184). Samples returned values of up to 652.6 ppb Au, 16.2 g/t Ag, 1.95% Pb, 2.24% Zn and 1.09% Cu. Overall the soil sampling survey appeared to highlight broad geochemically anomalous zones despite the nature of the poorly developed soils. In general soil samples contained abundant rock chips and therefore data may be influenced by rock-fall from higher elevations. However, samples were collected at a depth where surficial talus should have minimal impact on the soil geochemistry.

Overall, this program was deemed successful in accomplishing all components described in the 2009 YMIP-application. Following the program the work was compiled into a technical paper for the YGS' Yukon Exploration and Geology Guidebook highlighting the relationships observed and questioning the current regional geological interpretations. Furthermore, additional work was completed on the White Hill showing highlighting another prospective area on the property that has not seen modern exploration techniques.

Future work recommended includes revisiting the currently mapped area for more intensive structural analysis, more widespread geological mapping, extension and infilling of the current soil sampling grid, portable-diamond drilling and SC3DIP, a new geophysical survey developed by Aurora Geosciences Ltd. designed for structurally controlled mineralization. Furthermore, the White Hill and surrounding areas should be more extensively prospected.

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1. INTRODUCTION

1.1 Underlying Agreements & Land Tenure

Monster Mining Corp. has an option to earn a 100% interest on the SNOOSE 1 to 20 claims of the McKay Hill Property through a series of staged payments and issuance of shares to Matthias Bindig (Pautler, 2009). Monster Mining Corp. wholly owns SNOOSE 21-90 claims (refer to *Table 1. Claim Status*, following page). The SNOOSE 1-90 claims (*YC56719 to YC56737, YD11201 to YD11270*) are within the Mayo Mining District and comprise the 1881 hectare McKay Hill Property.

1.2 Definitions & Units

The following are abbreviations used within this report:

- Distances are reported in meters (m), kilometres (km) and feet (ft).
- Geochemical data is reported in parts per million (ppm) the equivalent to grams per tonne (g/t) and ounces per tonne (oz/t).
- Mineralogical abbreviations include: anglesite (Ang), arsenopyrite (Apy), boulangerite (boul), bournonite (bour), chalcopyrite (Cpy), galena (Gal) jamesonite (Jam) and pyrrhotite (Pyrr).
- Elemental abbreviations include: silver (Ag), lead (Pb), copper (Cu), zinc (Zn), iron (Fe), manganese (Mn), arsenic (As), antimony (Sb) and gold (Au).
- Drilling abbreviations include: diamond drill hole (DDH) and rotary air-blast (RAB)
- Directional units include: north (N), east (E), south (S), west (W) and may be used in combination (*i.e.*, NNE for north-northeast).

1.3 Sources of Information

Sources of information include but are not limited to:

- Assessment Reports;
- Internal data (geological, structural, geochemical and geophysical);
- Yukon MINFILE; and
- Geological reports and maps from the Geological Survey of Canada (GSC) and Yukon Geological Survey (YGS).

*Table 1. Claim Status**

Claim Name	Grant #	Easting_ NAD83	Northing_ NAD83	Elevation (m)	Claim Owner	Recording Date	Claim Expiry Date	NTS Map	Ops Number
Snoose 01	YC56719	481900	7137200	739.4	Matthias Bindig - 100%.	07/19/07	07/19/17	106D06	1500115529
Snoose 02	YC56720	481900	7137200	739.4	Matthias Bindig - 100%.	07/19/07	07/19/17	106D06	1500115530
Snoose 03	YC56721	481640	7136830	739.4	Matthias Bindig - 100%.	07/19/07	07/19/17	106D06	1500115531
Snoose 04	YC56722	481640	7136830	739.4	Matthias Bindig - 100%.	07/19/07	07/19/17	106D06	1500115532
Snoose 05	YC56723	481382	7136463	739.4	Matthias Bindig - 100%.	07/19/07	07/19/17	106D06	1500115533
Snoose 06	YC56724	481382	7136463	739.4	Matthias Bindig - 100%.	07/19/07	07/19/17	106D06	1500115534
Snoose 07	YC56725	481123	7136092	739.4	Matthias Bindig - 100%.	07/19/07	07/19/17	106D06	1500115535
Snoose 08	YC56726	481123	7136092	739.4	Matthias Bindig - 100%.	07/19/07	07/19/17	106D06	1500115536
Snoose 09	YC56727	480865	7135724	739.4	Matthias Bindig - 100%.	07/19/07	07/19/17	106D06	1500115537
Snoose 10	YC56728	480600	7135350	739.4	Matthias Bindig - 100%.	07/19/07	07/19/17	106D06	1500115538
Snoose 11	YC56729	482650	7136700	739.4	Matthias Bindig - 100%.	07/19/07	07/19/17	106D06	1500115539
Snoose 12	YC56730	482650	7136700	739.4	Matthias Bindig - 100%.	07/19/07	07/19/17	106D06	1500115540
Snoose 13	YC56731	482391	7136331	739.4	Matthias Bindig - 100%.	07/19/07	07/19/17	106D06	1500115541
Snoose 14	YC56732	482391	7136331	739.4	Matthias Bindig - 100%.	07/19/07	07/19/17	106D06	1500115542
Snoose 15	YC56733	482133	7135961	739.4	Matthias Bindig - 100%.	07/19/07	07/19/17	106D06	1500115543
Snoose 16	YC56734	482133	7135961	739.4	Matthias Bindig - 100%.	07/19/07	07/19/17	106D06	1500115544
Snoose 17	YC56735	481873	7135591	739.4	Matthias Bindig - 100%.	07/19/07	07/19/17	106D06	1500115545
Snoose 18	YC56736	481873	7135591	739.4	Matthias Bindig - 100%.	07/19/07	07/19/17	106D06	1500115546
Snoose 19	YC56737	481615	7135222	739.4	Matthias Bindig - 100%.	07/19/07	07/19/17	106D06	1500115547
Snoose 20	YC56738	481360	7134858	739.4	Matthias Bindig - 100%.	07/19/07	07/19/17	106D06	1500115548
Snoose 21	YD11201	477978	7135552	1029.2	Monster Mining Corp. - 100%.	08/12/09	08/12/10	106D06	1500131839
Snoose 22	YD11202	477978	7135552	1029.2	Monster Mining Corp. - 100%.	08/12/09	08/12/10	106D06	1500131836
Snoose 23	YD11203	478345	7135291	1029.2	Monster Mining Corp. - 100%.	08/12/09	08/12/10	106D06	1500131837
Snoose 24	YD11204	478345	7135291	1029.2	Monster Mining Corp. - 100%.	08/12/09	08/12/10	106D06	1500131838
Snoose 25	YD11205	478713	7135030	1029.2	Monster Mining Corp. - 100%.	08/12/09	08/12/10	106D06	1500131854
Snoose 26	YD11206	478713	7135030	1029.2	Monster Mining Corp. - 100%.	08/12/09	08/12/10	106D06	1500131841
Snoose 27	YD11207	479080	7134769	1029.2	Monster Mining Corp. - 100%.	08/12/09	08/12/10	106D06	1500131835
Snoose 28	YD11208	479449	7134509	1029.2	Monster Mining Corp. - 100%.	08/12/09	08/12/10	106D06	1500131840
Snoose 29	YD11209	478132	7136547	526.2	Monster Mining Corp. - 100%.	08/12/09	08/12/10	106D06	1500131860
Snoose 30	YD11210	478132	7136547	526.2	Monster Mining Corp. - 100%.	08/12/09	08/12/10	106D06	1500131842
Snoose 31	YD11211	478499	7136286	1029.2	Monster Mining Corp. - 100%.	08/12/09	08/12/10	106D06	1500131843
Snoose 32	YD11212	478499	7136286	1029.2	Monster Mining Corp. - 100%.	08/12/09	08/12/10	106D06	1500131858
Snoose 33	YD11213	478867	7136025	1029.2	Monster Mining Corp. - 100%.	08/12/09	08/12/10	106D06	1500131857
Snoose 34	YD11214	478867	7136025	1029.2	Monster Mining Corp. - 100%.	08/12/09	08/12/10	106D06	1500131855
Snoose 35	YD11215	479235	7135764	1029.2	Monster Mining Corp. - 100%.	08/12/09	08/12/10	106D06	1500131850
Snoose 36	YD11216	479235	7135764	1029.2	Monster Mining Corp. - 100%.	08/12/09	08/12/10	106D06	1500131844
Snoose 37	YD11217	479603	7135502	1029.2	Monster Mining Corp. - 100%.	08/12/09	08/12/10	106D06	1500131848
Snoose 38	YD11218	479971	7135244	1029.2	Monster Mining Corp. - 100%.	08/12/09	08/12/10	106D06	1500131849
Snoose 39	YD11219	478658	7137288	526.2	Monster Mining Corp. - 100%.	08/04/09	08/04/10	106D06	1500131716
Snoose 40	YD11220	478658	7137288	526.2	Monster Mining Corp. - 100%.	08/04/09	08/04/10	106D06	1500131717
Snoose 41	YD11221	479025	7137027	1029.2	Monster Mining Corp. - 100%.	08/04/09	08/04/10	106D06	1500131718
Snoose 42	YD11222	479025	7137027	1029.2	Monster Mining Corp. - 100%.	08/04/09	08/04/10	106D06	1500131719
Snoose 43	YD11223	479393	7136766	1029.2	Monster Mining Corp. - 100%.	08/04/09	08/04/10	106D06	1500131720
Snoose 44	YD11224	479393	7136766	1029.2	Monster Mining Corp. - 100%.	08/04/09	08/04/10	106D06	1500131721
Snoose 45	YD11225	479761	7136505	1029.2	Monster Mining Corp. - 100%.	08/04/09	08/04/10	106D06	1500131722
Snoose 46	YD11226	479761	7136505	1029.2	Monster Mining Corp. - 100%.	08/04/09	08/04/10	106D06	1500131723
Snoose 47	YD11227	480129	7136245	1029.2	Monster Mining Corp. - 100%.	08/04/09	08/04/10	106D06	1500131724
Snoose 48	YD11228	480497	7135984	526.2	Monster Mining Corp. - 100%.	08/04/09	08/04/10	106D06	1500131725
Snoose 49	YD11229	479180	7138023	526.2	Monster Mining Corp. - 100%.	08/04/09	08/04/10	106D06	1500131726
Snoose 50	YD11230	479180	7138023	526.2	Monster Mining Corp. - 100%.	08/04/09	08/04/10	106D06	1500131727
Snoose 51	YD11231	479547	7137762	1029.2	Monster Mining Corp. - 100%.	08/04/09	08/04/10	106D06	1500131728
Snoose 52	YD11232	479547	7137762	1029.2	Monster Mining Corp. - 100%.	08/04/09	08/04/10	106D06	1500131729
Snoose 53	YD11233	479914	7137501	1029.2	Monster Mining Corp. - 100%.	08/04/09	08/04/10	106D06	1500131730
Snoose 54	YD11234	479914	7137501	1029.2	Monster Mining Corp. - 100%.	08/04/09	08/04/10	106D06	1500131731
Snoose 55	YD11235	480281	7137241	1029.2	Monster Mining Corp. - 100%.	08/04/09	08/04/10	106D06	1500131732
Snoose 56	YD11236	480281	7137241	1029.2	Monster Mining Corp. - 100%.	08/04/09	08/04/10	106D06	1500131733
Snoose 57	YD11237	480649	7136981	1029.2	Monster Mining Corp. - 100%.	08/04/09	08/04/10	106D06	1500131734
Snoose 58	YD11238	481019	7136719	526.2	Monster Mining Corp. - 100%.	08/04/09	08/04/10	106D06	1500131735
Snoose 59	YD11239	480904	7137352	526.2	Monster Mining Corp. - 100%.	08/04/09	08/04/10	106D06	1500131736
Snoose 60	YD11240	481165	7137719	526.2	Monster Mining Corp. - 100%.	08/04/09	08/04/10	106D06	1500131737
Snoose 61	YD11241	483265	7136786	526.2	Monster Mining Corp. - 100%.	08/04/09	08/04/10	106D06	1500131738
Snoose 62	YD11242	483265	7136786	526.2	Monster Mining Corp. - 100%.	08/04/09	08/04/10	106D06	1500131739
Snoose 63	YD11243	482897	7137047	1029.2	Monster Mining Corp. - 100%.	08/04/09	08/04/10	106D06	1500131740
Snoose 64	YD11244	482897	7137047	1029.2	Monster Mining Corp. - 100%.	08/04/09	08/04/10	106D06	1500131741
Snoose 65	YD11245	482529	7137307	1029.2	Monster Mining Corp. - 100%.	08/04/09	08/04/10	106D06	1500131742
Snoose 66	YD11246	482529	7137307	1029.2	Monster Mining Corp. - 100%.	08/04/09	08/04/10	106D06	1500131743
Snoose 67	YD11247	482161	7137568	1029.2	Monster Mining Corp. - 100%.	08/04/09	08/04/10	106D06	1500131744
Snoose 68	YD11248	482161	7137568	1029.2	Monster Mining Corp. - 100%.	08/04/09	08/04/10	106D06	1500131745
Snoose 69	YD11249	481794	7137828	526.2	Monster Mining Corp. - 100%.	08/04/09	08/04/10	106D06	1500131746
Snoose 70	YD11250	481794	7137828	526.2	Monster Mining Corp. - 100%.	08/04/09	08/04/10	106D06	1500131747
Snoose 71	YD11251	481426	7138088	526.2	Monster Mining Corp. - 100%.	08/04/09	08/04/10	106D06	1500131748
Snoose 72	YD11252	481058	7138348	1029.2	Monster Mining Corp. - 100%.	08/04/09	08/04/10	106D06	1500131749
Snoose 73	YD11253	483894	7136893	1029.2	Monster Mining Corp. - 100%.	08/12/09	08/12/10	106D06	1500131833
Snoose 74	YD11254	483894	7136893	1029.2	Monster Mining Corp. - 100%.	08/12/09	08/12/10	106D06	1500131828
Snoose 75	YD11255	483633	7136526	1029.2	Monster Mining Corp. - 100%.	08/12/09	08/12/10	106D06	1500131827
Snoose 76	YD11256	483633	7136526	1029.2	Monster Mining Corp. - 100%.	08/12/09	08/12/10	106D06	1500131830
Snoose 77	YD11257	483372	7136158	1029.2	Monster Mining Corp. - 100%.	08/12/09	08/12/10	106D06	1500131829
Snoose 78	YD11258	483372	7136158	1029.2	Monster Mining Corp. - 100%.	08/12/09	08/12/10	106D06	1500131861
Snoose 79	YD11259	483111	7135790	1029.2	Monster Mining Corp. - 100%.	08/12/09	08/12/10	106D06	1500131831
Snoose 80	YD11260	483111	7135790	1029.2	Monster Mining Corp. - 100%.	08/12/09	08/12/10	106D06	1500131832
Snoose 81	YD11261	482850	7135422	1029.2	Monster Mining Corp. - 100%.	08/12/09	08/12/10	106D06	1500131834
Snoose 82	YD11262	482591	7135055	1029.2	Monster Mining Corp. - 100%.	08/12/09	08/12/10	106D06	1500131862
Snoose 83	YD11263	484630	7136373	1029.2	Monster Mining Corp. - 100%.	08/12/09	08/12/10	106D06	1500131845
Snoose 84	YD11264	484630	7136373	1029.2	Monster Mining Corp. - 100%.	08/12/09	08/12/10	106D06	1500131851
Snoose 85	YD11265	484369	7136005	1029.2	Monster Mining Corp. - 100%.	08/12/09	08/12/10	106D06	1500131846
Snoose 86	YD11266	484369	7136005	1029.2	Monster Mining Corp. - 100%.	08/12/09	08/12/10	106D06	1500131856
Snoose 87	YD11267	484108	7135637	1029.2	Monster Mining Corp. - 100%.	08/12/09	08/12/10	106D06	1500131859
Snoose 88	YD11268	484108	7135637	1029.2	Monster Mining Corp. - 100%.	08/12/09	08/12/10	106D06	1500131852
Snoose 89	YD11269	483848	7135270	1029.2	Monster Mining Corp. - 100%.	08/12/09	08/12/10	106D06	1500131853
Snoose 90	YD11270	483587	7134902	1029.2	Monster Mining Corp. - 100%.	08/12/09	08/12/10	106D06	1500131847

**A new expiry date is anticipated based upon acceptance of this Assessment Report.*

2. PROPERTY LOCATION AND DESCRIPTION

2.1 Location and Access

The occurrence area is situated on the south slopes of McKay and Horseshoe Hills near the headwaters of Red Gulch approximately 23.5 km northwest of McQuesten Lake (Deklerk and Traynor (compilers), 2008) on NTS map sheet 106D/6. The McKay Hill Property is located within the Mayo Mining District, 50 km north of Keno City which is 465 km by road to Whitehorse. The prospect is centered at 64° 20' North Latitude, 135° 22' West Longitude. Please refer to *Figure 1- Location Map* on following page.

The prospect is currently accessible by helicopter from Mayo airport 95 km south of the property. The closest road access is via Hanson Lake Road to McQuesten Lake from the Silver Trail Highway at km 102.1 from Stewart Crossing. From this point a 1959 era winter road forms the Wind River trail which follows McQuesten Lake, Scrougale Creek and the Beaver River to its junction with Braine Creek which is approximately 20 km downstream along the Beaver River from the McKay Hill property (Pautler, 2009). However, if the target proves that is has development potential the original access route that followed the South McQuesten River from Elsa across a low divide to the East McQuesten River to the Beaver River could be evaluated (*Figure 2*, page 10).

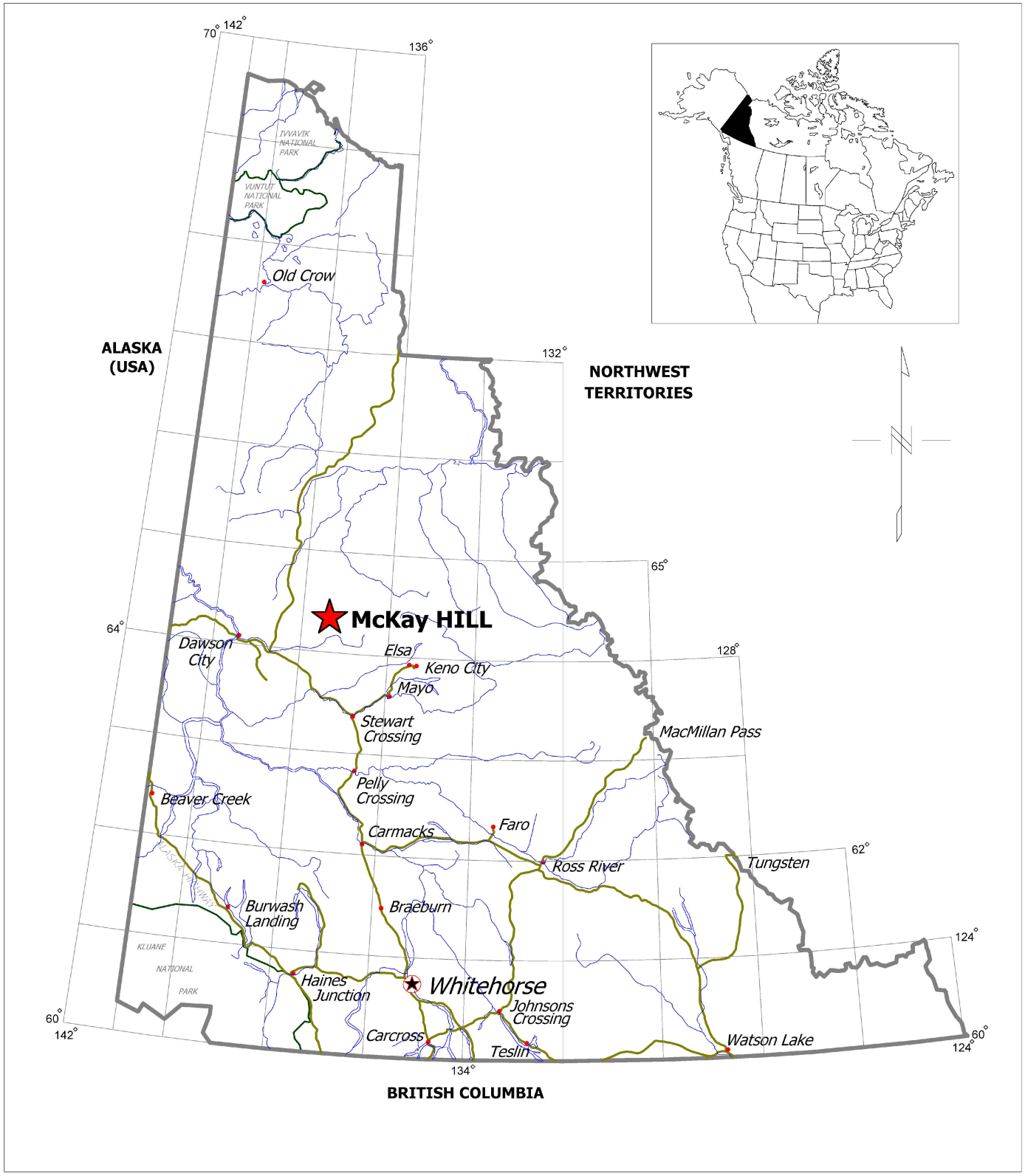
2.2 Physiography & Climate

The SNOOSE 1-90 claims are located in the area surrounding McKay Hill on the southern flank of Horseshoe Hill, roughly due north of the Beaver River within the Olgilvie Mountains. Elevations within the claim area range from 1050 m ASL to 1750 m ASL. It should be noted that McKay Hill appears to originally refer to the hill on the southern flank of Horseshoe Hill where the showing(s) are located but it now marked as a hill 2 km to the west (Paulter, 2009).

The area experiences warm summers and long cold winters with relatively little precipitation. In the Mayo area summer temperatures average 15°C during the day and 9°C at night. Winter temperatures average -20°C during the day and -31°C at night. Permafrost was found to extend down to 46 m below surface by Cominco in 1929 (Paulter, 2009).

Water is available if the need arises for drilling and a permanent exploration camp from Red Gulch and Falls Creek which flow southerly into the Beaver River.

Most of the property lies above tree line with narrow ridge-tops and steep slopes. However, there does not appear to be any topographic or physiographic impediments, and suitable lands occur for a potential mine including mill, tailings storage, heap leach and waste disposal sites.



100000 0 100000
(meters)

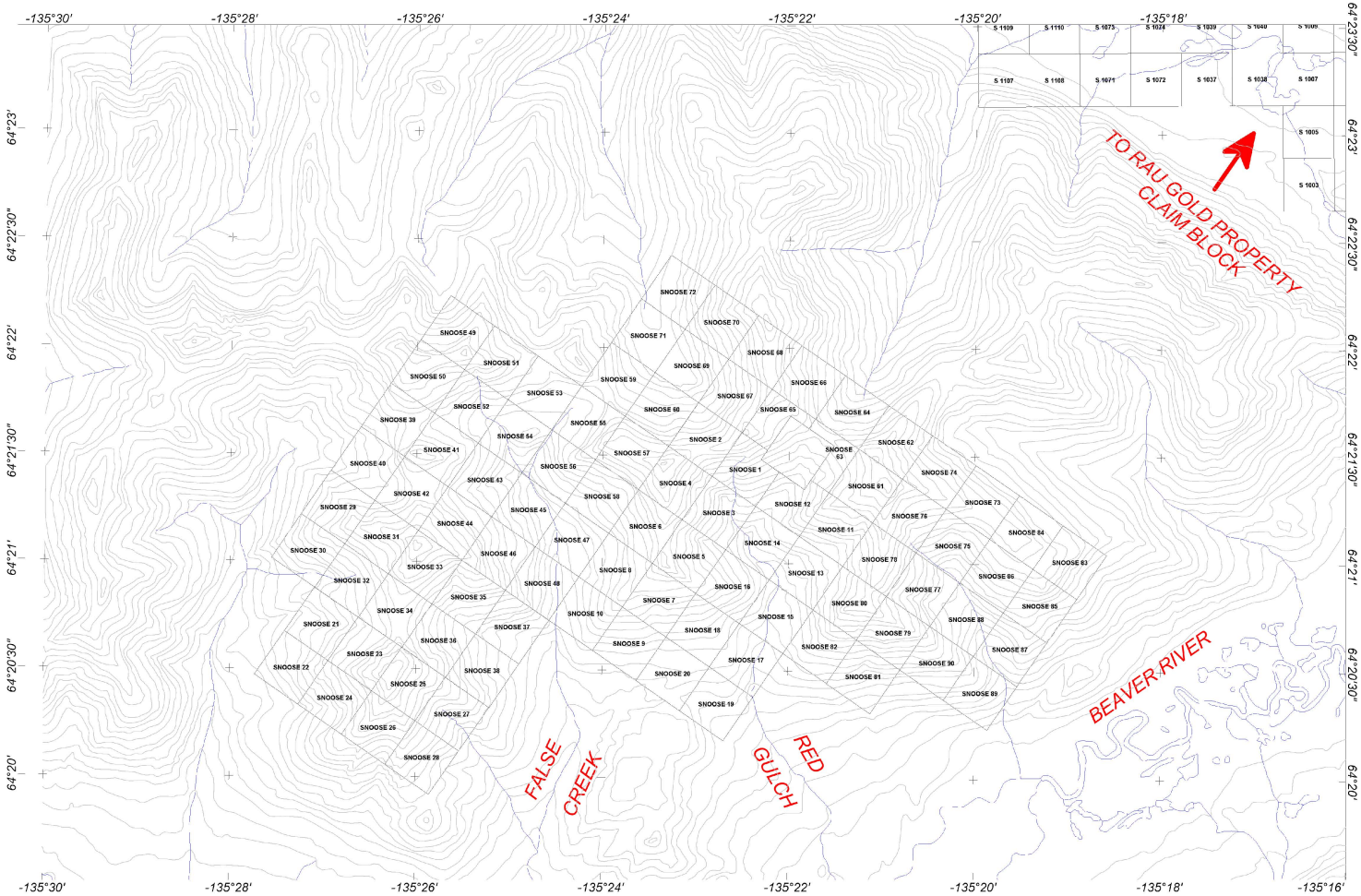
Monster Mining Corp.

McKay Hill- 2009 Exploration Program
Figure 1. Location Map

NTS Map-sheet- 106D/6
Datum- NAD83
Drafted by- L.R. Blackburn

Mining District- Mayo
UTM- Zone 8N
Date- January 5th 2010

Keno Hill Exploration Corp.





250 0 250 500 750 1000
(meters)

Monster Mining Corp.

McKay Hill- 2009 Exploration Program
Figure 2. McKay Hill Property Map

NTS Map-sheet- 106D/6
Datum- NAD83
Drafted by- L.R. Blackburn

Mining district- Mayo
UTM- Zone 8N
Date- January 5th 2010

Keno Hill Exploration Corp.

3. PROPERTY HISTORY

The McKay Hill property (Yukon MINFILE 106D 037 & 038) history extends back to 1922 during the early days of the Keno Hill district staking rush. The property history summarized in *Table 2* (below) is based primarily on the YGS's MINFILE capsule 106D 038 (Deklerk and Traynor (*compilers*), 2008; see *Appendix 17.1- MINFILE capsules*).

Table 2. Property History*

June 1922	Originally staked by W. McKay (Snowdrift- *14669* and Blackhawk- *14676*) and L. Erickson (Carrie- *14672*) and Margaret (*14702*) by N. Marquis.
1925-29	While under option from Erickson, Cominco pursues the Carrie (*14672*) claim via prospecting, trenching and a 7-hole, 832 m diamond drilling program. Trenching in 1926 returned average values of 154.3 g/t Ag and 9.6% Zn over an average width of 1.6 m.
1926 & 29	McKay drives an 18 m adit into the Blackhawk claim (*14676*).
1945-46	The Carrie claim was restaked as Rit (*55329*) by Yukon Northwest Exploration Ltd (a Leitch Gold Mines Ltd subsidiary) and sold to Hoyle Mining Company Ltd. (a Ventures Ltd. subsidiary).
1948-49	East Bay Gold Limited held a sub-lease from Hoyle Mining Co. and produced 143 tonnes from the Carrie (*14672*) claim at 390.8 g/t Ag and 74.1% Pb.
1951-52	Mac *(61588)* claims are staked by M. McCallion who explored with a 3.7m shaft in 1952.
1952	Property is transferred to Beaver River Silver ML.
1953	Rit group are taken to lease.
1959	Property is transferred to Venture Claims Ltd.
1966-1981	Pat *(Y6309)* claims staked by P. Callison and L. Brown. The Sam *(Y31831)* claims staked by P. Verscluce. The McCal *(Y94231)* claims staked by C.A. Lindstrom. The Beaver *(YA41621)* claims are staked by Grant Oil Inc. which transferred the claims to Jamto Resources Ltd in 1981.
July 19th 2007	SNOOSE 1-20 (*YC56719 to YC56737)* claims are staked by Matthias Bindig.
October 12th 2007	Prospecting, trench mapping/verification and geochemical sampling by Monster Mining Corp. (previously Northex Minerals Inc.).
July 24th 2008	Prospecting, trench mapping/verification and geochemical sampling by Monster Mining Corp. (previously Northex Minerals Inc.).
August 1st 2009	Staking of SNOOSE 21-90 *(YD11201 to YD11270)* by Monster Mining Corp. for a total of 90 claims (1881 Ha).
August 12-14th 2009	YMIP-funded exploration program completed on the SNOOSE 1-90 (*YC56719 to YC56737, YD11201 to YD11270)* claims by Monster Mining Corp. Program included: detailed mapping of a 700 m^2 area, collection and analysis of 140 soil samples and pertrographic analysis of 10 thin sections and 7 polished sections.

**Please refer to Section 7.1 for MINFILE capsules 105M 037 & 038.*

4. GEOLOGIC SETTING

4.1 Regional Geology

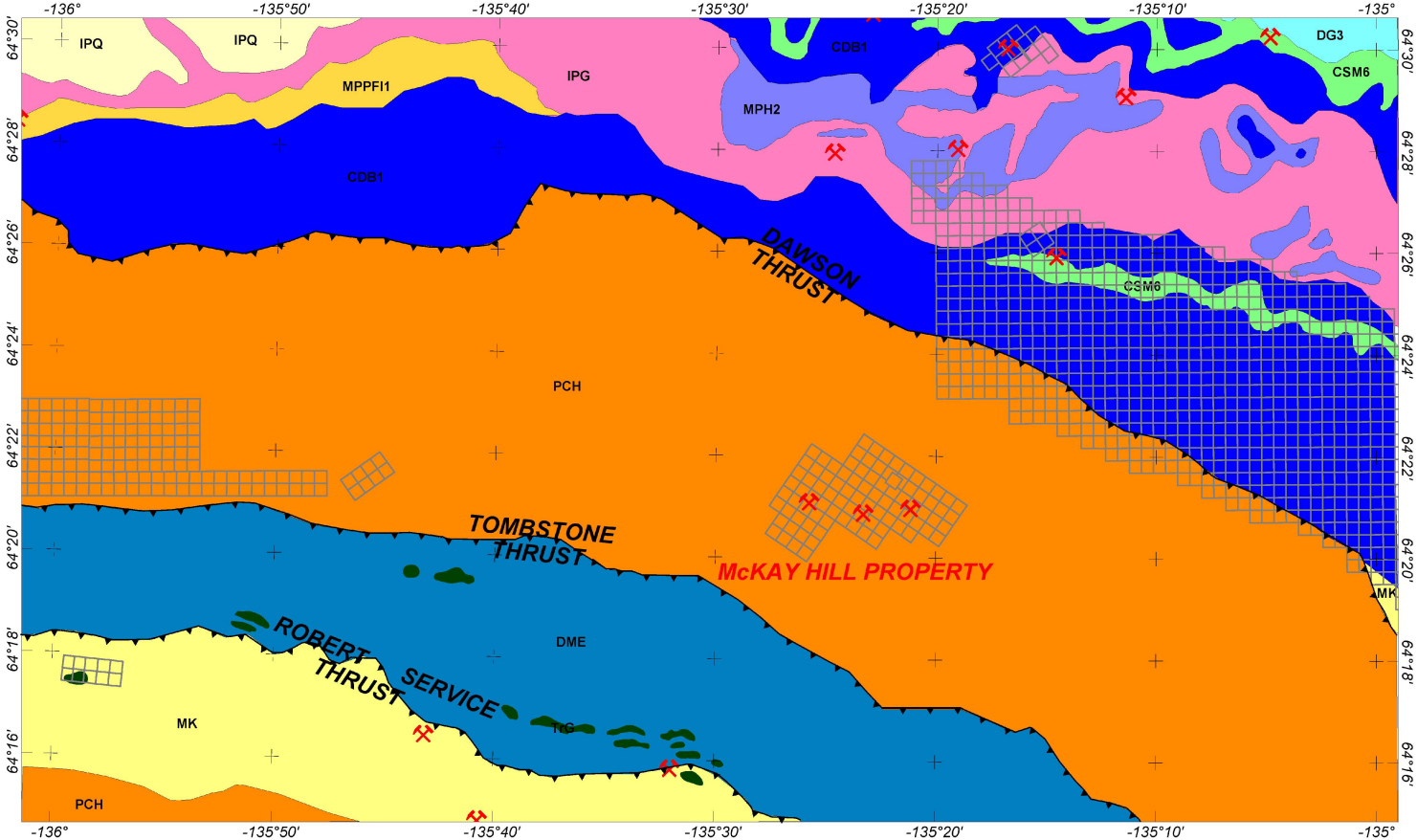
The property is located on the 1:250 000 scale Mayo (106D) map-sheet and the 1:50 000 scale map-sheet (106D/6). The most recent mapping of the area was completed by the GSC in 1961 by L.J. Green and J.A. Roddick (1972 GSC 1:250 000 map 1282A) and the south-central portion of NTS 106D (1:50 000 map sheets 6 and 7) has never been mapped at a 1:50 000 scale and to date is relatively poorly understood (Blackburn, 2010).

The property lies within the northwestern Ominieca Belt in a band of regional-scale thrust faults—the Robert Service, Dawson and Tombstone Thrusts imbricate rocks of the Selwyn Basin and MacKenzie Platform (Blackburn, 2010). The McKay Hill Project is situated within the pericratonic Selwyn Basin on the cratonic margin with Ancestral North America (see following page for Regional Geology Map). Selwyn Basin comprises an offshelf continental margin, deep water shales and clastic wedges forming a basin bounded by platform carbonates to the northeast, the Tintina fault truncates the basin to the southwest (Pigage, 2006). McKay Hill is at the center of the Dawson Thrust sheet, which is bound by the Dawson Thrust to the northeast and the Tombstone Thrust to the southwest. The Robert Service Thrust occurs between grey quartzite and carbonaceous phyllite of the Keno Hill Quartzite and the muscovite-chlorite phyllite and gritty psammite of the Hyland Group (Roots, 1997).

Table 3. Regional Geological Units (Gordey, S.P. and Makepeace, A.J. (*compilers*), 2003)

Unit	*Age*	*Rock Type*
Hyland Group (PCH)	Upper Proterozoic to Lower Cambrian	Greenschist facies metamorphosed coarse turbiditic clastic rocks, limestone and fine clastic rocks; characteristic maroon to green shales and mafic volcanic rocks.
Earn Group (DME)	Devonian to Mississippian	Graphitic shale, chert, siltstone, sandstone, greywacke and conglomerate; minor felsic to intermediate volcanic rocks.

In the McKay Hill area, the Dawson Thrust sheet is currently mapped as underlain by the Yusezyu Formation of the Upper Proterozoic to Lower Cambrian Hyland Group (PCH; Blackburn, 2010). The Hyland Group and Earn Group together form the Dawson Range Mineral Belt (formally known as the Dawson Thrust Sheet) which is bound by the Dawson Thrust to the NW and the Tombstone Thrust to the SW. Approximately 7 km to the SW the Hyland Group rocks are overlain by the Earn Group (DME) metasediments, which host the Keno Hill mineral occurrences. In the Keno district, the Keno Hill Quartzite (Early Carboniferous) hosts 'blow-outs' of polymetallic Ag-Pb-Zn ± Au veins and is extensively exposed within the Dawson Thrust Sheet.



LEGEND:

- Quartz claims
- MINFILE OCCURENCE
- Thrust
- TrG- Galena Suite
- MK- Keno Hill Quartzite
- DME- Earn Group
- DG3- Gossage
- CSM6- Marmot
- CDB1- Bouvette
- PCH- Hyland Group
- MPPFI1- Pinguicula / Fifeteen Mile
- MPH2- Hart River
- IPG- Gillespie Lake Group
- IPQ- Quartet Group

2000 0 2000 4000 6000
(meters)

Monster Mining Corp.

McKay Hill- 2009 Exploration Program
Figure 3. Regional Geology Framework

NTS Map-sheet- 106D/6 & 7
Datum- NAD83
Drafted by- L.R. Blackburn

Mining district- Mayo
UTM- Zone 8N
Date- January 5th 2010

Keno Hill Exploration Corp.

The Hyland Group consists upwards, from oldest to youngest, of coarse turbiditic clastics, limestone and fine clastics typified by maroon and green shale and may include younger scattered mafic volcanic rocks (Gordey and Makepeace (compilers), 2003). The Hyland Group is divided into two formations- the Late Proterozoic to Cambrian Narchilla Formation (PCn) and the Late Proterozoic Yusezyu Formation (PY). The McKay Hill area is represented by the more widespread, older Yusezyu Formation which is described by Roots (1997) as consisting of metamorphosed sandstone, grit, black slate, minor limestone, chlorite schist and conglomerate.

Yusezyu Formation stratigraphy comprises shale-siltstone, sandstone-quartzite with younger lesser grits. The extensive hypabyssal volcanic rocks found at McKay Hill are not incorporated into the geological models proposed for the formation and conglomerate within the Yusezyu Formation are described as containing strained quartz and feldspar sedimentary clasts surrounded by little matrix material (Blackburn, 2010). However, on the McKay Hill property the majority of clasts found within the conglomerate are undeformed and volcanic in origin (Blackburn, 2010). These findings suggest that the Hyland Group Yusezyu Formation does in fact not underlie the McKay Hill area but may represent the extension of the Middle (?) Cambrian to Early (?) Ordivician volcanic rocks ("*Dempster volcanics"* (COv) mapped by Abbott (1997) on NTS map-sheets 116A/10 116A/11.

4.2 Property Geology

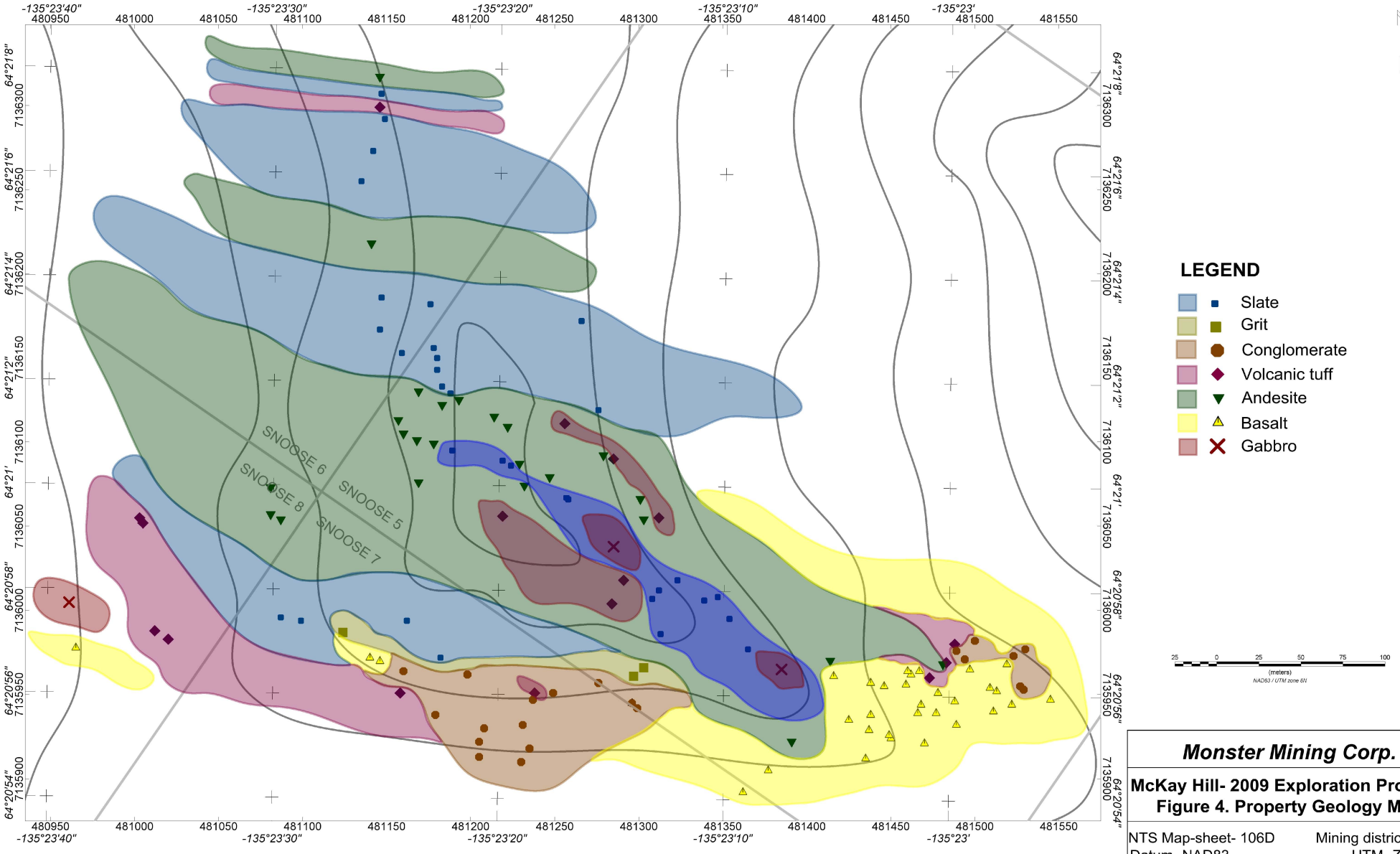
The following is taken from Blackburn (2010):

> *Previous mapping completed in the area by Cockfield (1924a, b and 1925a, b) recognized two units within the siliciclastic sequence—sedimentary and breccia/volcanic rocks. In 2009 these units were broken up and described more specifically as: sedimentary rocks comprising slate, conglomerate and sandstone grit, and hypabyssal volcanic rocks comprising basalt (amygdaloidal, vesicular and pillowed), andesite, volcanic tuff and their brecciated equivalents.*
>
> *Extensive fine-grained grey-blue slate and matrix-supported, polymictic, cobble-conglomerate (diamictite) are present as a steeply dipping, near vertical, succession striking roughly northwest. Slate bedding appears to be parallel to foliation consistently in the mapped area, less a few localized pockets where it was observed as an argillic-altered slate breccia related to brittle deformation along discrete topographic depressions presumed to be faults. Layers of fining-upwards, poorly bedded conglomerate are characterized by very fine to fine-grained, immature matrix material, enveloping poorly sorted sub-angular to sub-rounded clasts. The diamictite unit is one of the more favorable hosts for deep level Ag-Cu-Pb mineralization. Clasts (≤15 cm) of primarily volcanic (and lesser sedimentary) origin appear to float in the finer-grained detrital clay-rich matrix. A thin bed of poorly sorted sandstone grit overlies the conglomerate and is penetratively weathered a distinct rusty-orange colour.*
>
> *The interior of the succession comprises thickening upward intercalations of volcanic rocks. Most notably, andesite and basaltic units with extensive local variation. Amygdaloidal, vesicular and pillowed basalts were observed on the property*

illustrating the local variation along strike. Calcite (± quartz) circular to oblong amygdules (≤ 3mm) comprise ≤ 35% of the amygdaloidal basalt, this unit was noted to almost always exhibit a weak to well-developed penetrative planar fabric and hosts numerous high-level siliceous veins. Two small, hillside outcrops of pillowed basalt were mapped on the southwest end of the map area on the west margin of the thick conglomerate layer. These pillows were distinctly concentric with a northeasterly younging direction and locally were brecciated and generally vesicular. Highly porous basalts with abundant vesicles were noted on the property as small, but prolific, localized lenses on the west end of the map area. This unit appears to be particularly favourable host for mineralization at depth. Volcanic tuff is a favourable host for deep-level base metal mineralization at the Snowdrift Vein where its groundmass is replaced with galena ± copper carbonate minerals (namely azurite, malachite ± chrysocolla). Outcrops of volcanic tuff, surrounded by resistant andesite, were noted to exhibit extensive iron-carbonate and propylitic alteration. At the center of the map area a resistant knob of massive (locally foliated), dark green hornblende-porphyritic to nearly aphanitic, locally propylitic altered (clay ± pyrite) andesite forms the top of McKay Hill.

See following page for *Figure 4.* Property Geology, note that symbols denote outcrop and shaded regions denote interpreted geology.

These findings accompanied by the lack of geological work illustrate the poorly understood nature of the McKay Hill property despite the extent of work that has been completed to date. It is the author's belief that re-evaluating the regional framework could potentially illustrate the areas metallogenic potential for different types of mineral occurrences. Furthermore, accurately understanding the mineralization styles present at McKay Hill is crucial to assessing properties full potential.



Monster Mining Corp.

McKay Hill- 2009 Exploration Program
Figure 4. Property Geology Map

NTS Map-sheet- 106D
Datum- NAD83
Drafted by- L. Blackburn
Mining district- Mayo
UTM- Zone 8N
Date- Jan. 5th 2010

Keno Hill Exploration Corp.

5. 2009 EXPLORATION PROGRAM SUMMARY

The 2009 exploration program for the McKay Hill property consisted of four phases:

- Detailed mapping of the central claims;
- establish mineralization styles;
- locate and verify the White Hill occurrence (MINFILE 106D 037); and
- complete a relatively detailed soil geochemical sampling survey.

5.1 Detailed mapping

Detailed mapping over a 700 m^2 area covering the central claims was completed during the 2009 YMIP-funded exploration program on the SNOOSE 5-8 (YC*56723-YC56726*) claims. It was anticipated that typical polymetallic Ag-Pb-Zn ± Au-style mineralization would be observed, however, during geological mapping numerous distinct differences from the proposed polymetallic model became apparent (see section 4.2 for detailed results).

5.2 Establish mineralization styles

The ore model previously for the McKay Hill property was polymetallic Ag-Pb-Zn ± Au-style mineralization similar to that in the Keno Hill camp to the south-southeast. The Ag-Pb-Zn ± Au-style mineralization found in the Keno district is hosted in dialational fault structures associated with late transpressional and transtensional regional deformation. Mineralization on the McKay Hill property is similar in that host rock competency is vital in controlling mineralization, however, unlike Keno Hill, veins on the property lack the siderite gangue and are not present as vein faults. These findings resulted in collection of samples to be analysed via petrographic work (10 thin sections of country rock and 7 polished sections of mineralized samples; see *Appendix 17.2- Thin & Polished Section Descriptions*.

Furthermore, three rock samples were collected at different levels to test the mineralogical relationships observed from the fluid evolution of high-level siliceous mineralization to low-level galena-Pb ± Cu-carbonate mineralization. The epithermal ore model appears to most closely represent the mineralization-styles apparent at McKay Hill.

5.2.1 Sample Descriptions

The three samples reported up to 1.29 g/t Au, 156 g/t Ag, 58.29% Pb, 6.3% Zn and 0.9% Cu (*Table 4,* following page; see *Appendix 17.3- Rock Sample Assay Results,* Assay Certificate VAN09004185). Extensive rock sampling was completed during the 2007 and 2008 exploration seasons and therefore rock sampling was not a component of the 2009 exploration season (see Paulter 2008 and 2009 for results). These samples reported relatively low to average geochemically anomalous results for the elements listed above but did however verify the mineralogical relationships observed supporting the evolution of the ore-forming fluids. These samples were described prior to analysis and representative samples were collected and are currently stored in Keno City.

Table 4. Mineralogical-geochemical rock sampling

Sample	Easting_ NAD83	Northing_ NAD83	Sample #	Description	Au (g/t)	Ag (g/t)	Pb (%)	Zn (%)	Cu (%)
					0.01	**0.1**	**0.00001**	**0.0001**	**0.00001**
09-McK-013-1	481372	7135937	56813	Quartz vein (late, clean qtz) + <5% interstitial galena. Vein No. 6	<0.01	32.4	9.04	1.93	0.01174
09-McK-013-2	481372	7135937	56814	High-grade galena sample within conglomerate. Little qtz.	0.03	156	58.29	6.3	0.0943
09-McK-033	481620	7135832	56815	4% Azurite + 2% Scorodite (?) + 3% malachite + 3% galena within a milky white quartz vein with minor blitzed basaltic country rock.	1.29	139	9.93	3.18	0.90316

** All samples listed above are grab samples.

5.3 White Hill Occurrence (MINFILE 105D 037)

On August 1st 2009, Monster Mining Corp. staked an additional 70 claims surrounding the original claim block to cover known vein extensions and the White Hill Showing (MINFILE occurrence 106D 037). The newly staked White Hill occurrence (106D 037) was located and prospected during the exploration program and 5 rock samples were collected and sent in for inductively coupled mass-spectrometry (ICP-MS) analysis with a gold-fire assay finish and Ag-Au-Pb-Zn overlimit analyses at ACME Analytical Labs (*Table 5*, below; see *Appendix 17.3- Rock Sample Assay Results,* Assay Certificate VAN09004185).

Table 5. White Hill sample descriptions

Sample	Easting_ NAD83	Northing_ NAD83	Sample #	Description	Au (g/t)	Ag (g/t)	Pb (%)	Zn (%)	Cu (%)
					0.01	**0.1**	**0.00001**	**0.0001**	**0.00001**
09-McK-308	479325	7136303	56851	White Hill Area- Grab sample white and rusty quartz. Hand trench on massive quartz vein, boulders up to 10 feet in size. Abundant float. Vein strikes ~090?	<0.01	3.9	1.41	0.13	0.00542
09-McK-309	479351	7136280	56852	White Hill Area- Grab sample white and rusty quartz + manganese stain +/- siderite? Massive quartz vein, large quartz boulders. Abundant float.	0.06	0.7	0.04868	0.0114	0.01233
09-McK-317	479660	7136214	56853	White Hill Area- Grab sample white and rusty quartz vein that is 1 to 4 feet wide. Massive quartz vein + malachite + galena, large quartz boulders. Abundant float. Appears to trend ~050-060 dipping steeply to the Se (080).	<0.01	0.2	0.02697	0.0098	0.49966
MK09-R-01	479510	7137967	56854	Boulder od quartz-vein material (15 X 12 feet in size). Very large vugs (<30cm) of clear to white quartz crystals, some local rusty stain.	0.06	0.1	0.01127	0.0023	0.00081
MK09-R-02	479477	7137923	56855	Pit on top of ridge trenching quartz vein that is trending 035/70 SE. Quartz is white to clear with minor limonite stain and locally is rusty.	<0.01	<0.1	0.00888	0.0023	0.00251

** All samples listed above are grab samples.

Prospecting located numerous massive-appearing, resistant, quartz veins ± Cu-carbonate hosted within coarse-grained volcanic breccia, fine-grained volcanic tuff and massive-appearing andesite. Rock samples reported up to 0.06 g/t Au, 3.9 g/t Ag, 1.41% Pb, 0.13% Zn and 0.5% Cu. Despite the relatively low geochemical values reported, the area is

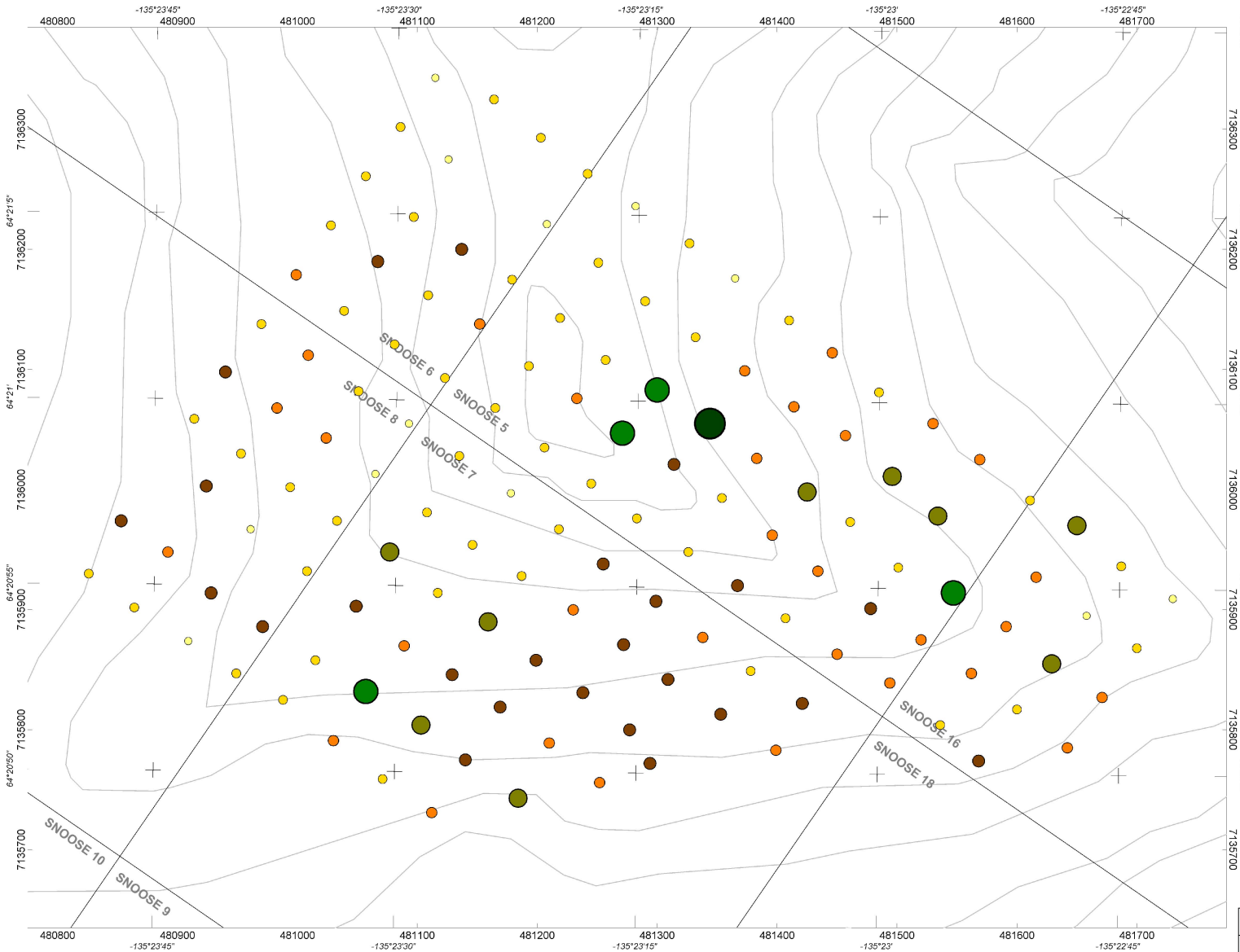
highly prospective and was briefly prospected while trying to locate the showing(s). Historical work at the White Hill showing is extensive, however, no historical data is known. Therefore, this prospect should be visited in future exploration programs and more extensively prospected and geochemically sampled.

5.4 Soil geochemical sampling

A total of 140 soil samples were collected during the program and sent in for inductively coupled mass-spectrometry (ICP-MS) analysis with Ag-Au-Pb-Zn overlimit analyses at ACME Analytical Labs. These samples were collected with a 'Swede-pic' from depths ranging from 10 to 35 cm (most commonly 20 cm), consistently below the surficial rock horizon where soil could be obtained. These samples were described in the field (% organics, colour and general description) and areas where soil development was poor was noted in the sample description (see *Appendix 17.4- Soil Sample Descriptions*).

Samples returned values of up to 652.6 ppb Au, 16.2 g/t Ag, 1.95% Pb, 2.24% Zn and 1.09% Cu (see *Appendix 17.5- Soil Sample Assay Results,* Assay Certificate VAN09004184). Overall the soil sampling survey appeared to highlight geochemically broad anomalous zones despite the nature of the poorly developed soils. In general soil samples contained abundant rock chips and therefore data may be influenced by rock-fall from higher elevations. However, samples were collected at a depth where surficial talus should have minimal impact on the soil geochemistry.

Au, Ag, Pb, Zn and Cu proportional bubble plots were created with the data obtained from the program and highlight known mineralized zones and possible structures (see following pages for *Figures 5a-e*, soil geochemical maps).



Au (ppm)

- > 300
- 100 - 300
- 50 - 100
- 15 - 50
- 5 - 15
- 1 - 5
- < 1

50 0 50 100 150
(meters)

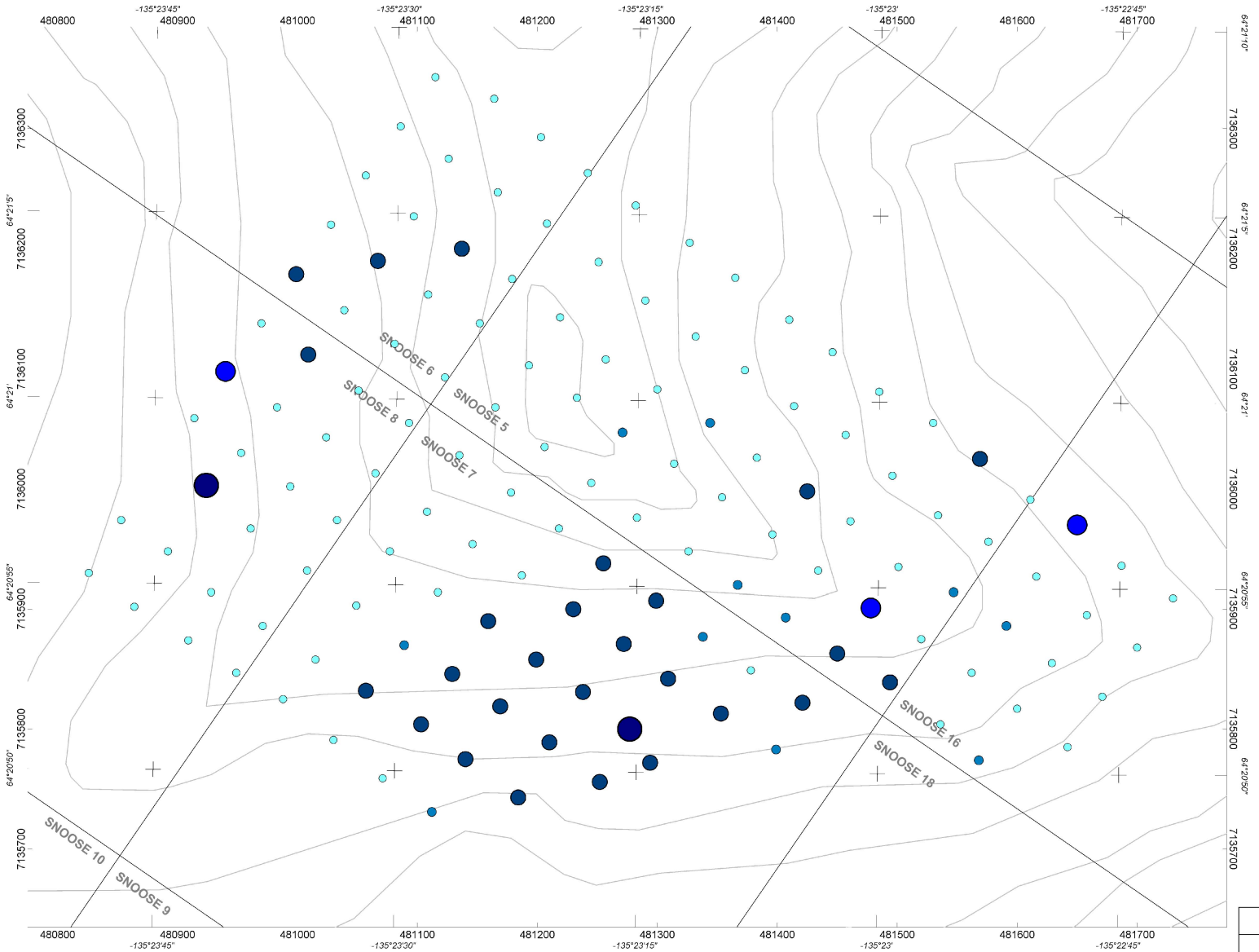
Monster Mining Corp.

McKay Hill- 2009 Exploration Program
Figure 5a. Au Soil Geochemistry

NTS Map-sheet- 106D/6
Datum- NAD83
Drafted by- L.R. Blackburn

Mining district- Mayo
UTM- Zone 8N
Date- January 3rd 2010

Keno Hill Exploration Corp.



Ag (g/t)

- > 10
- 5 - 10
- 1 - 5
- 0.5 - 1
- < 0.5

50 0 50 100 150
(meters)

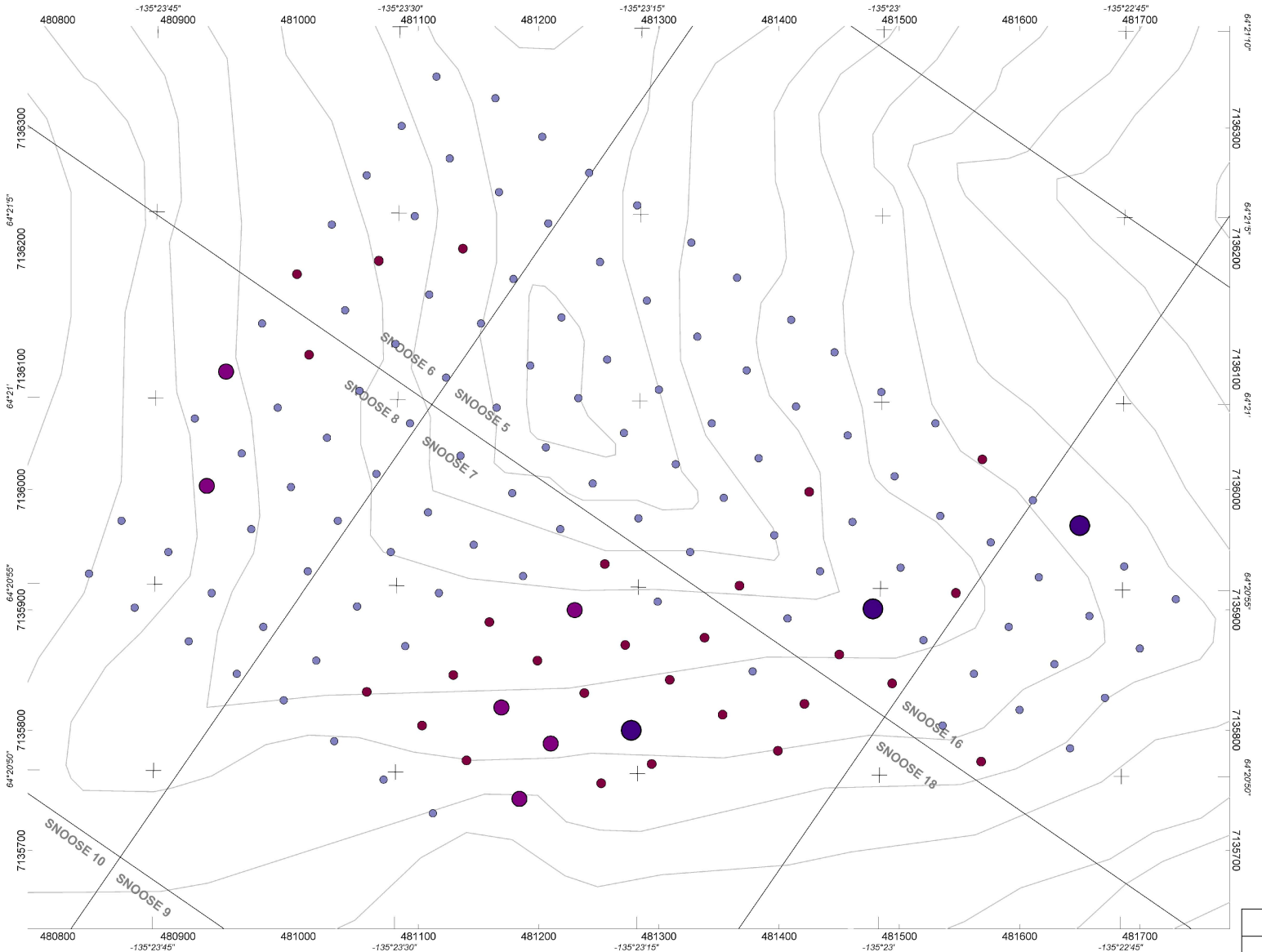
Monster Mining Corp.

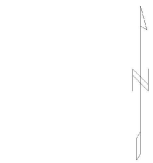
McKay Hill- 2009 Exploration Program
Figure 5b. Ag Soil Geochemistry

NTS Map-sheet- 106D/6
Datum- NAD83
Drafted by- L.R. Blackburn

Mining district- Mayo
UTM- Zone 8N
Date- January 3rd 2010

Keno Hill Exploration Corp.





Pb (%)

- > 2
- 1 - 2
- 0.5 - 1
- 0.1 - 0.5
- < 0.1

50 0 50 100 150
(meters)

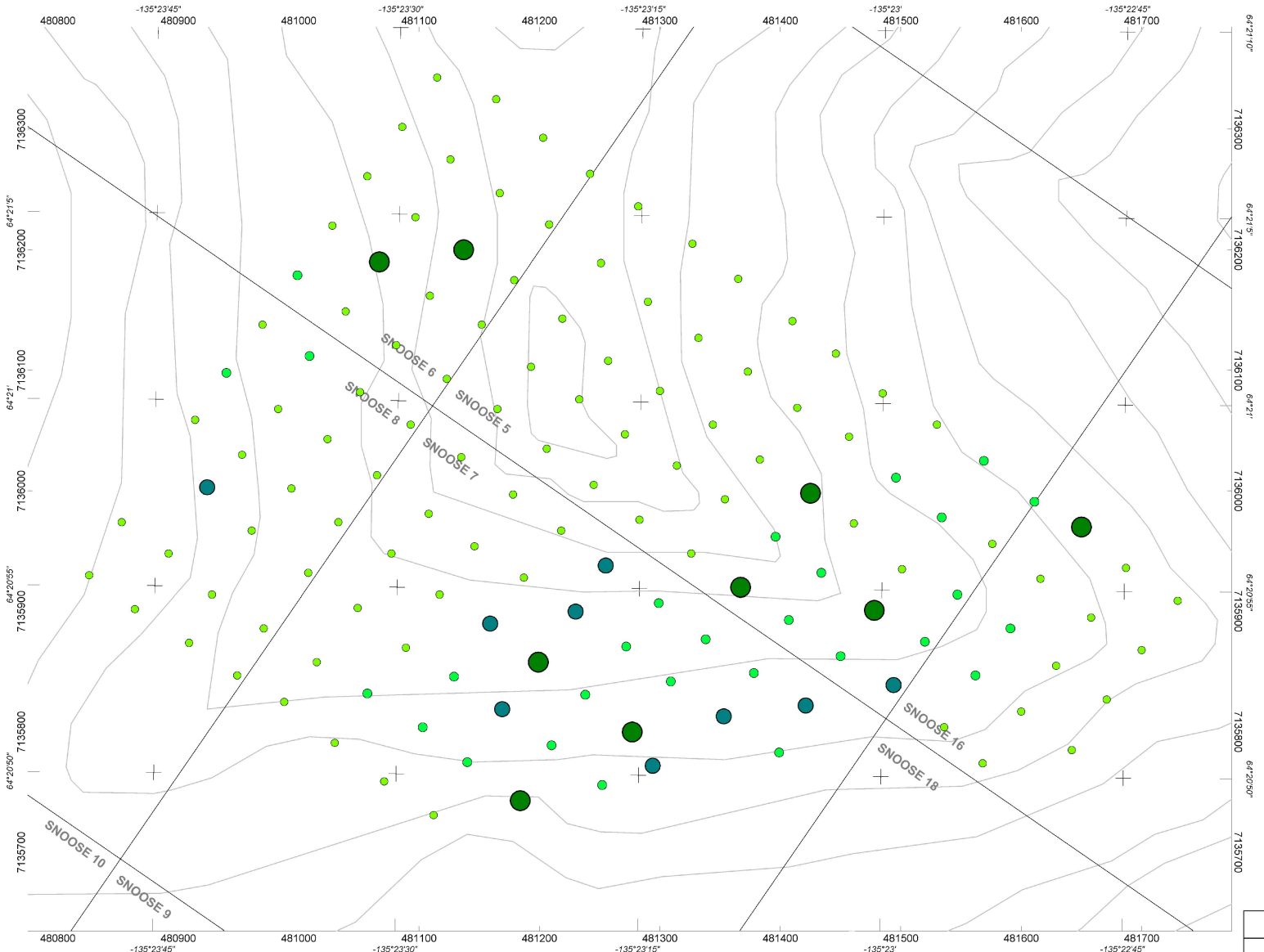
Monster Mining Corp.

McKay Hill- 2009 Exploration Program
Figure 5c. Pb Soil Geochemistry

NTS Map-sheet- 106D/6
Datum- NAD83
Drafted by- L.R. Blackburn

Mining district- Mayo
UTM- Zone 8N
Date- January 3rd 2010

Keno Hill Exploration Corp.



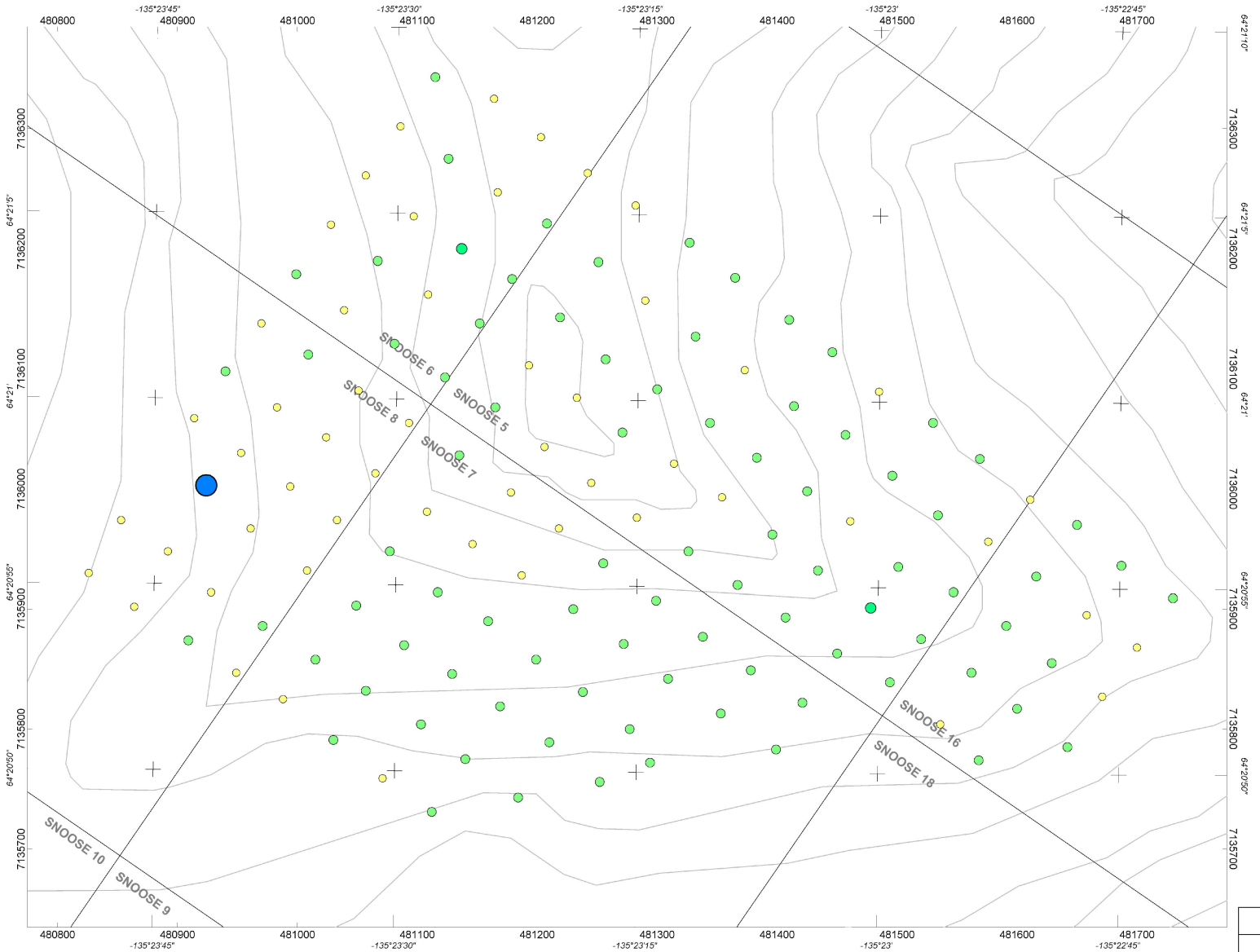
Monster Mining Corp.

McKay Hill- 2009 Exploration Program
Figure 5d. Zn Soil Geochemistry

NTS Map-sheet- 106D/6
Datum- NAD83
Drafted by- L.R. Blackburn

Mining district- Mayo
UTM- Zone 8N
Date- January 3rd 2010

Keno Hill Exploration Corp.



Monster Mining Corp.

McKay Hill- 2009 Exploration Program
Figure 5e. Cu Soil Geochemistry

NTS Map-sheet- 106D/6
Datum- NAD83
Drafted by- L.R. Blackburn

Mining district- Mayo
UTM- Zone 8N
Date- January 3rd 2010

Keno Hill Exploration Corp.

6. DEPOSIT MODELS

6.1 Revised Deposit Model

Geological findings from the 2009 YMIP-funded exploration program have resulted in reconsidering ore models. Numerous distinct differences from the polymetallic Keno Hill-style mineralization model became apparent and are highlighted in *Table 6* below.

Table 6. Keno Hill vs. McKay Hill

Keno Hill Camp	**McKay Hill Property**
Polymetallic Ag-Pb-Zn ± Au-style mineralization	High-level Au-Cu and deeper-level Ag-Pb ± Cu mineralization
Vein faults	Veins episodically brecciate and heal
Siderite ± quartz gangue	Quartz gangue
Mineralization present solely as veins	Mineralization present as vein breccias, veins & partial to whole-rock replacement
Large-scale lateral mineral zonation	Local vertical mineral zonation
Little to no alteration	Extensive clay alteration
Country rocks are Keno Hill Quartzite & Carbonaceous Phyllite (Devonian Earn Group)	Country rocks are siliciclastic sediments and hypabyssal volcanic roks (Upper Proterozoic to Lower Cambrian)
Country rocks are intensely folded	Country rocks consistently trend NNW, dip nearly vertical

The mineralization at McKay Hill appears to evolve from a high-level silica-rich system (SiO_2 + Cu + As ± Au) to Pb + Ag ± Cu system (massive galena) at the lowermost exposed levels of the veins (Blackburn, 2010). This vertical zonation is evident as high-level quartz-rich Au-Cu mineralization in competent hypabyssal volcanic rocks to deeper-level massive galena (Ag-Cu-Pb) ore shoots in less competent sedimentary (± highly vesicular volcanic) rocks (Blackburn, 2010). The mineralization style appears to most closely fit with the epithermal ore deposit model.

7. MINERALIZATION



Figure 6. *View looking northwest showing 3 of 20 known mineralized sites on the central Snoose claims (distance viewed is approximately 200 m in length). Note Fe-carbonate (orange) alteration surrounding mineralized sites (photo courtesy of M. Bindig).*

7.1 Vertical Zonation*

7.1.1 High-level Quartz-Carbonate-Au Mineralization

High-level mineralization exposed on the ridgeline is present as distinct, milky-white quartz veins with azurite and malachite-lined fractures (*Figure 7* on following page). These veins precipitate along early structures or at lithologic boundaries. Locally the veins are surrounded by an extensive propylitic alteration zone characterized by intense alteration forming a distinct bright orange-brown, iron-carbonate (Fe-chlorite and calcite) halo. Anhedral, coarse-grained milky-white quartz crystals lined by anhedral coatings and euhedral vug-filling crystals of copper carbonate, namely azurite and malachite.

These siliceous veins are exposed on the ridge as distinct resistant tabular bodies and as linear float trains on the sides-slopes. Replacement and incorporation of country rocks in these high-level siliceous systems was not noted. These high-level veins have reported values up to 16.8 g/t Au, 668 g/t Ag and 3.9% Cu from grab and chip samples collected by Monster Mining Corp.

*Taken from Blackburn, 2010.

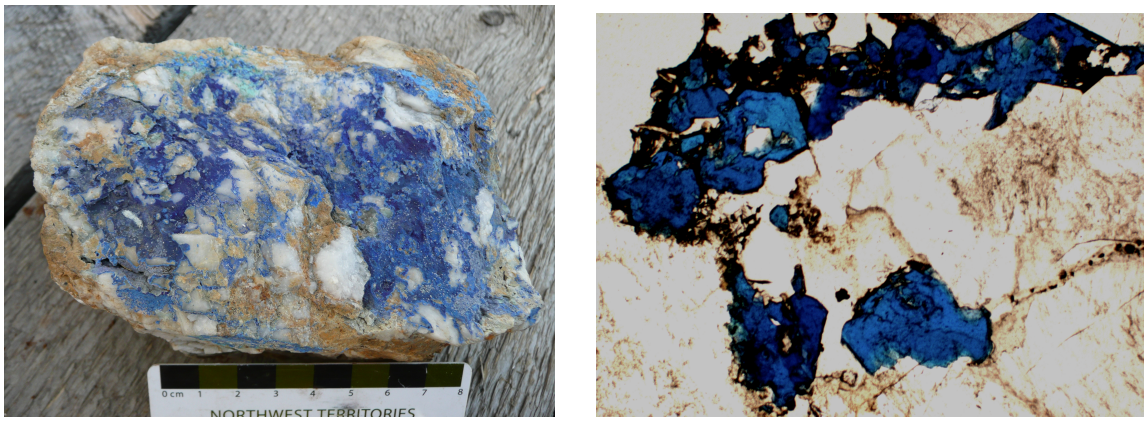


Figure 7. *Examples of high-level, siliceous Au-Cu mineralization at the McKay Hill Property. Left- hand sample, and right- thin section (FOV= 7.2 mm).*

7.1.2 Quartz-Carbonate-Au – Galena-Pb Mineralization Transition Zone

A quartz-carbonate-gold galena-lead transition zone is exposed at mid-level at the Snowdrift and Vein No. 6 sites (see Pautler, 2009 showing locations). The Snowdrift Vein exposes the high-level quartz-carbonate-Au mineralization as a massive, white siliceous vein evolving towards galena-lead-rich mineralization at lower levels within partially to wholly replaced diamictite and vesicular basaltic country rock material. In the transition zone the copper-carbonate minerals (azurite, malachite ± scorodite) appeared to be associated with minor epidotization (*Figure 8* below).

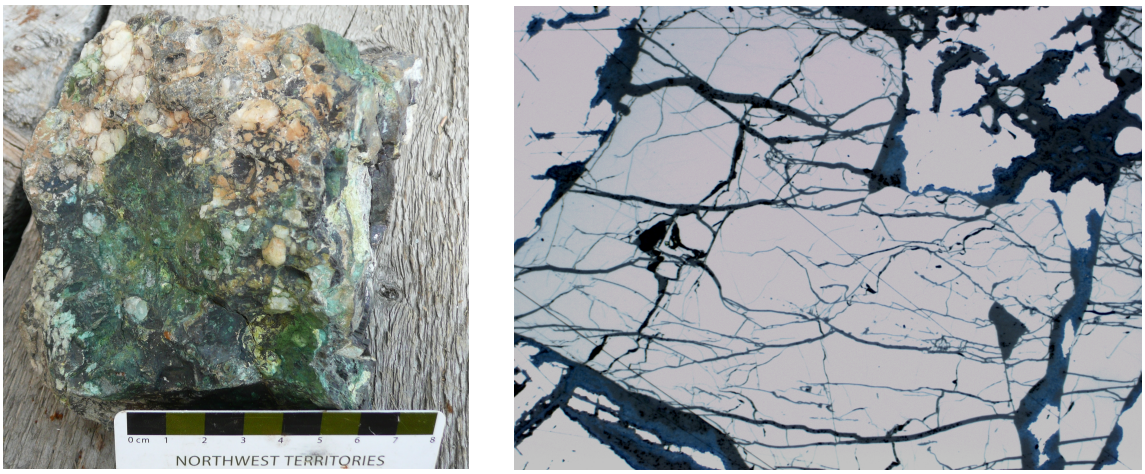


Figure 8. *Examples mineralization within the transition zone at the McKay Hill Property; left-hand sample, and right- thin section (note brecciated texture; FOV= 3.6 mm).*

Grab and chip samples collected from the transition zone by Monster Mining Corp. have reported values up to 0.9 g/t Au, 550 g/t Ag, 2.2% Cu and 8.8% Zn. Au-Ag-Cu values within this zone tend to be relatively lower and there appears to be an enrichment of zinc; rocks within this 'transition zone' typically contained up to 8% zinc. Late, translucent 6-sided, pyramidal quartz crystals are noted at this level and appear to be associated with brecciation and healing. Presence of this 'clean quartz' continues down to lower levels and appears to represent relatively mid to late fluidization.

7.1.3 Low-level Galena-Pb ± Cu-carbonate Mineralization

The fluids continue to evolve and are found at depth as prolific base metal mineralization. This low-level mineralization exposed on the hillsides of the property is found as extensive galena ± malachite, azurite, scorodite mineralization. These veins have reported values up to 2.5 g/t Au, 700 g/t Ag and 2.2% Cu from grab and chip samples collected by Monster Mining Corp. Mineralization at this level depends extensively on the lithologic permeability and competency of the country rocks and shows variation property-wide in its mineralization style. Mineralization may be present as vein breccias (North vein?), matrix-replacing flow-banded/layered galena within diamictite (Vein No. 6), to nearly whole-rock replacement in the vesicular basalts found at lower levels in the Snowdrift Vein system. Ore was mined from the property at Vein No. 6 within partially to wholly matrix-replaced diamictite; flow-banded galena characterizes the current matrix-material which envelops rotten, soft clasts that exhibit extensive iron-carbonate alteration (*Figure 9* below).



Figure 9. *Examples of deep-level, siliceous Au-Cu mineralization at the McKay Hill Property; left- hand sample, and right- thin section (FOV= 3.6 mm).*

Locally, brecciated portions of vein material contain clean prismoidal quartz gangue, these crystals were also observed within the transition zone present at higher-levels. The quartz crystals were found to locally contain inclusions of euhedral cubic galena which may be suitable for fluid inclusion geochemical analysis (*Figure 10* on following page).

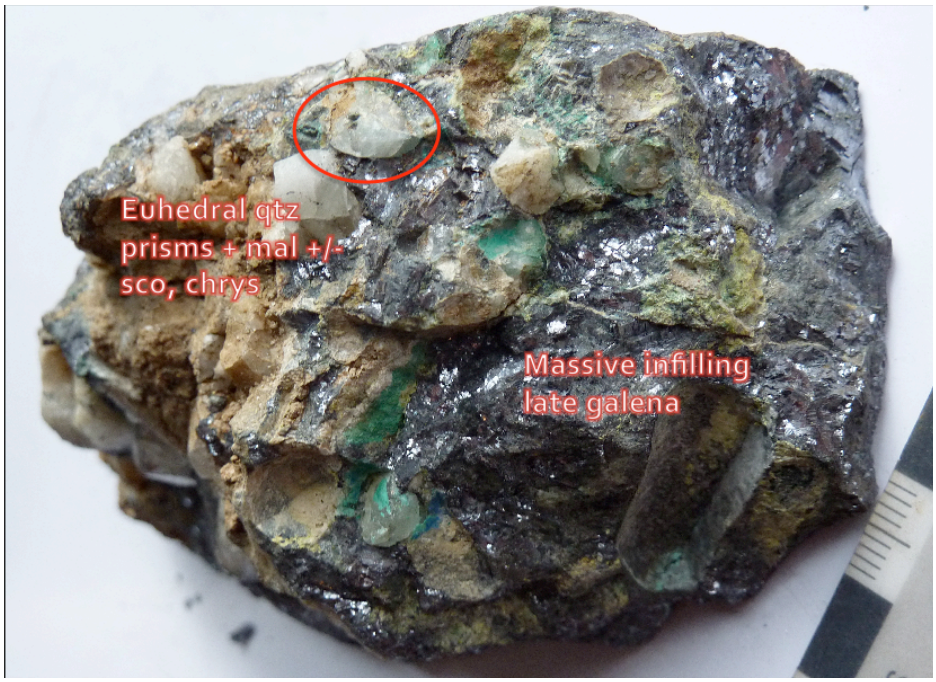


Figure 10. *Euhedral quartz prisms with cubic galena inclusions surrounded in banded base metal mineralization (galena + malachite ± scorodite, chrysocolla).*

7.2 Alteration

The most striking aerial feature of the McKay Hill property is the distinct, bright orange alteration vein halos that consistently occur at mineralized sites (*Figure 6*).

The iron-carbonate alteration is present in thin section as Fe-chlorite and calcite which overprint primary minerals. These alteration halos surround all mineralized sites with minor variations in intensity but are indiscriminate to the various lithologies (Blackburn, 2010).

More widespread clay alteration that appears to be coeval with vein emplacement is present as adularia (?), calcite and chlorite proximal to vein emplacement, and pyrite and epidote, distal from vein emplacement.

Alteration is particularly prevalent in the more permeable, matrix-supported conglomerate unit whereby progressive alteration and galena-Pb matrix replacement can be observed on the property (*Figure 11* on following page).

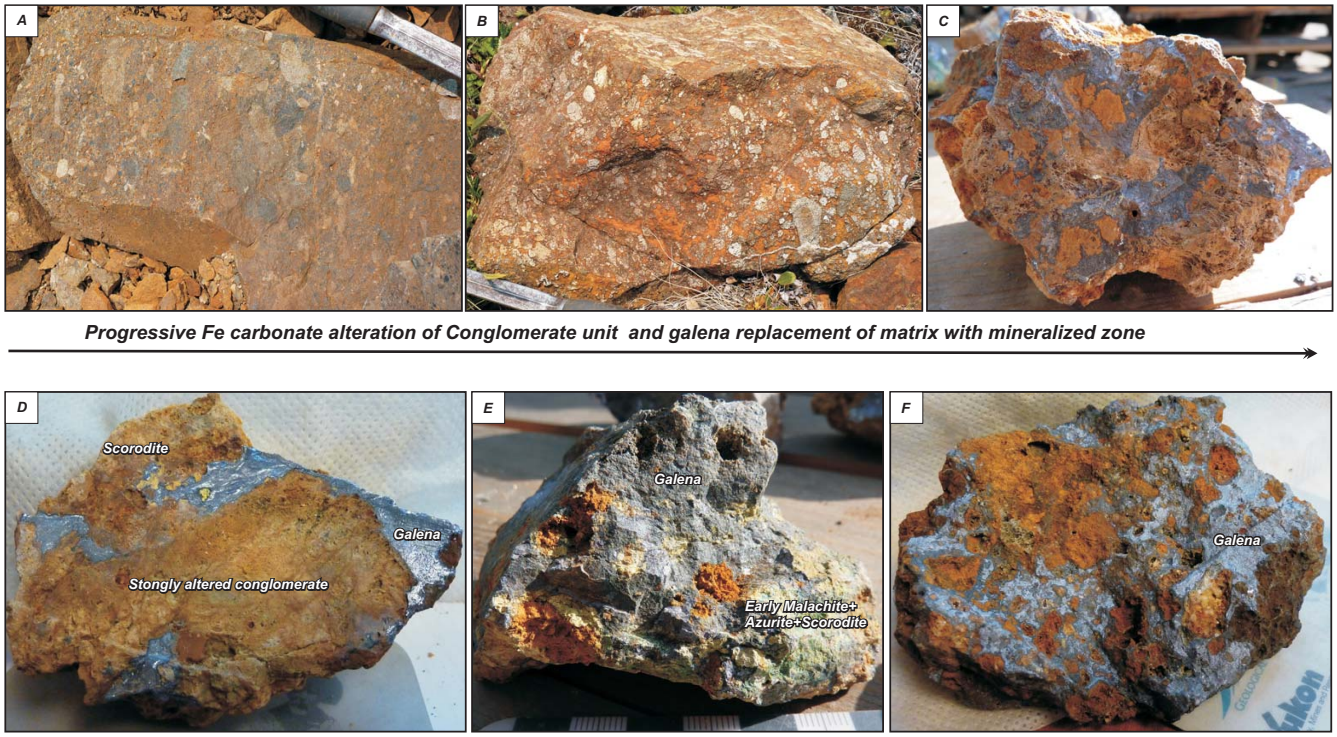


Figure 11. *Progressive Fe-carbonate alteration and destruction of the conglomerate framework clasts with late stage matrix replacement of galena (taken from Bennett, 2009). All rocks viewed above are from the "Vein No. 6" showing.*

7.3 McKay Hill Exploration Targets

The mineralization at the McKay Hill property exhibits prolific veination in a relatively small area. At present, there are 20 known sites of mineralization on the four central claims [SNOOSE 5-8 (YC*56723-YC56726*)]. The mineralization present at surface likely represents more extensive mineralization at depth where these 'ore shoots' run into one another, particularly in the area surrounding the more permeable matrix-supported conglomerate, vesicular basalt and volcanic tuff units. Mineralization on the property is structurally-controlled. Due to the consistent NNW-striking nature of the unfolded rocks, mineralization present at surface is likely continuous outside of outcrop and simply covered by talus.

Of particular interest are the "Vein No. 6", "Vein No. 7" and "Snowdrift" sites. Vein No. 6 has seen the most work on the property and occurs as massive galena-Pb mineralization within the conglomerate unit. Extensive trenching and adit work was completed in the 1920s on the vein and in 1928 seven horizontal diamond drillholes were completed in the area but missed appreciable mineralization. East Bay Gold Ltd. produced 143 tonnes from the Carrie (*14672*) claim at 390.8 g/t Ag and 74.1% Pb in the late 1940s from Vein No. 6.

Vein No. 7 exhibits high and low-level mineralization (± transition zone) where mineralization is found within the boundary between the fine-grained metasediments (slate) and the massive-appearing andesite. Due to time constraints, very minimal time was

spent on this showing and therefore, it should be more extensively examined in future exploration programs.

The Snowdrift vein appears to be the downslope extension of the Vein No. 2 vein system (note that in Pautler, 2009 these veins are plotted to have different azimuths, however, these azimuths appear to represent float). Vein No. 2 is present along the ridge as a distinct, resistant, quartz vein with malachite and azurite lined fractures hosted at the contact of calcite-amygdaloidal and vesicular basalts. Vein No. 2 has reported the highest gold numbers on the property to date. The Snowdrift showing exhibits low-level galena-Pb ± carbonate (azurite, malachite ± scorodite) mineralization as partial to whole-rock replacement within the basalt and volcanic tuff units. In the area surrounding the Snowdrift showing three permeable rock types (basalt, volcanic tuff and conglomerate) occur that would be particularly favourable for low-level galena-Pb ± mineralization.

It is important to note that anomalous Au, Ag, Cu ± Pb and Zn occur at all levels of mineralization on the property. The zonation that has previously been discussed is based upon significant mineralogy, gangue material and country rock structural controls.

8. STRUCTURAL GEOLOGY & ORE CONTROLS

Vein propagation appears to be primarily controlled by competency and lithologic permeability contrasts between units (with localized brecciation of massive volcanic wall rocks; V. Bennett, pers. comm., 2009). Additionally, mineralization present as matrix-replacement was found as an irregular body within the thick package of fining-upward conglomerate where the veins propagate as northeast-trending, steeply south-dipping structures within the southeast-trending low-angle slickensides preserved on local, discrete, fault surfaces (Blackburn, 2010). Vesicular basalts, volcanic tuff and conglomerate present at the southeast end of the map area are also favourable hosts for low-level galena-Pb ± Cu-carbonate mineralization (see *Figure 4*). In this area at the Snowdrift showing, vesicular basalts were wholly replaced and the volcanic tuff unit displayed similar replacement textures to the conglomerate unit within its groundmass.

Competency, lithologic permeability and geologic contacts appear to structurally control mineralization on the property. Understanding these structures is vital in understanding the extent and nature of mineralization, particularly the evolution from the resistant high-level siliceous mineralization to the low-level, irregular, ore emplacement.

9. ADJACENT PROPERTIES

The McKay Hill property is an isolated block of 90-contiguous claims (1881 Ha) NNW of the Keno Hill camp. To the northeast is the Rau property (MINFILE's 106D 007 & 008) owned (100%) by ATAC Resources Ltd. (refer to *Figure 2*). The Rau property has been described as a 'Carlin-like' gold discovery and covers over 1300^2 km. ATAC Resources Ltd. is aggressively exploring the Rau claim block and has completed extensive diamond drill and geochemical sampling programs in the 2008-10 field seasons (see to *www.atacresources.com/s/Rau.asp* for details).

10. METALLURGICAL TESTING & PROCESSING

The McKay Hill Property is at an early exploration stage and therefore no metallurgical testing has been completed to date. However, from 1948 to 1949 East Bay Gold Limited held a sub-lease from Hoyle Mining Co. and produced 143 tonnes from the Carrie (*14672*) claim at 390.8 g/t Ag and 74.1% Pb.

11. RESOURCE AND MINERAL RESERVE ESTIMATES

The McKay Hill Property is at an early exploration stage. From 1928 to 1929 a 7-hole, 832 m, diamond drilling program was completed with a pac-sac drill but did not intersect appreciable mineralization. The drill mast was fixed horizontally limiting the ability to set-up the drill for intersection. Furthermore, understanding of structural geological characteristics at that time were limited and relatively poorly understood. Currently, there is insufficient data to complete ore calculations.

12. INTERPRETATION AND CONCLUSIONS

The new, exciting geological findings exhibit the properties merit for further exploration. Previously, the mineralization at McKay Hill has been interpreted to be typical of that of the Keno Hill camp (polymetallic Ag-Pb-Zn ± Au shear-hosted vein-style mineralization). During Monster Mining Corp.'s 2009 program numerous distinct differences became apparent resulting in significant implications in interpreting the geology of the area, potential of the McKay Hill prospect and potentially the regional geology (Blackburn, 2010). It is the author's belief that the McKay Hill property exhibits similarities with epithermal ore deposits.

The McKay Hill property is currently accessible via helicopters, however, the Wind River Trail, a 1959 access road which comes within 20 km to the SW of the Beaver River, could be re-established. An earlier abandoned trail crossed from Elsa past Steamboat Mountain to the Beaver River, the conditions of this trail are unknown.

Despite the extensive surficial, underground development work and mining history associated with McKay Hill, the property was geologically poorly understood and is a relatively untested target and warrants further investigation. The author recommends an extensive exploration program.

13. 2009 BUDGET SUMMARY

A total of **$22 901.65** was spent by Monster Mining Corp. for the 2009 Exploration work completed on the McKay Hill Property. These costs incurred include work completed in the field and in town (see *Table 7*, following page for details).

Table 7. *Budget summary.*

ITEM		Cost
Daily Living Expenses (Food *etc*.)	$	600.00
Travel		
Helicopter (@ $1500 hr including fuel)	$	6,939.98
Analyses / Assay Costs	$	2,926.79
Shipping	$	149.38
Thin Section Preparation	$	535.50
Thin Section Analysis	$	1,500.00
Equipment Rentals		
Fly camp rental	$	460.00
Trimble Rental @ $50/day	$	150.00
1 Sat phone	$	150.00
1 truck, 4 days (@ 25% -L.Blackburn's personal truck)	$	95.00
XRF - 1 day	$	125.00
Contractors-field		
Lauren Blackburn (Geologist @ $450/day)	$	2,025.00
Lauren Blackburn (XRF Operator @ $450/day)	$	450.00
Matthias Bindig (Prospector, soil sampler @ $350/day)	$	1,925.00
Mark Roden (Prospector, TRIMBLE operator @ $350/day)	$	1,750.00
Report		
Report Preparation	$	3,000.00
Other Expenses (Field supplies)	$	120.00
TOTAL EXPENSES	**$**	**22,901.65**

14. RECOMMENDATIONS FOR FUTURE WORK

An extensive exploration program is recommended for the McKay Hill property due to the geological findings observed during the 2009 field season (see *Table 8*, following page). Please note that this proposal does not include consumables and helicopter time.

Future work recommended includes:

1) revisiting the currently mapped area for more intensive structural analysis;
2) more widespread geological mapping;
3) extension and infilling of the current soil sampling grid;
4) eight 100' holes of portable-diamond drilling;
5) 20-line km of SC3DIP, a new geophysical survey developed by Aurora Geosciences Ltd. designed to target structurally controlled mineralization; and
6) prospecting of the area surrounding the newly staked White Hill occurrence.

Table 8. *Exploration Proposal*

Staff	**Man days @ rate**		**Cost**
Geologist	20 man days @ 500/day	8 days mapping (incl. below), 8 days logging, 4 comp days	6000
Exploration personnel	20 man days @ 400/day	12 days sampling, 8 prospecting (incl. below)	
Geological	**Man days @ rate**		**Cost**
Mapping	8 man days @ 500/day		4000
Detailed prospecting	8 man days @ 400/day		3200
Map creation	2 man days @ 500/day	(Back in town)	1000
Geol Report	5 man days @ 500/day	(Back in town)	2500
Geophysics	**Man days @ rate**	**Line-km @ rate**	**Cost**
SC3DIP (IP)	Crew $2000/day	20-line km @1.5-line km/day	27000
Field Report	$1000 + $100/line	18 lines	2800
Interpretation	4-5 hrs per target @ 75/hr	6 targets, 18 lines	2025
Technical time	2.5 hrs per target @ $75/hr	6 targets, 18 lines	1125
Geophys Report			2000
Geochem	**Man days @ rate**	**Samples per man day**	**Cost**
Soil Sampling	12 man days @ 400/day	40 samples/man-day	4800
Assays		$15/sample	7200
Drilling		**Cost/ft**	**Cost**
Portable Drilling rental	8 holes at 100'	25	20000
Drillers	12 man days @ 400/day		4800
Camp building	**Man days @ rate**	**Supplies @ rate**	**Cost**
1 permanent dry (framed)			1500
Dry plumbing & pumps			1500
2- 14 X 16 sleeper wall-tents (tear down, no poles)		2 @ 1200	2400
14 X 16 kitchen tent (tear-down, no poles)		1 @ 1200	1200
Building	8 man days @ 400/day		3200
4 Geostoves		4 @ 1000	4000
Kitchen supplies (portable stoves, tables, chairs etc).			800
Food			
Fuel			
Helicopter			

TOTAL= **$103 050.00**

15. BIBLIOGRAPHY

Abbott, G., 1997. Geology of the Upper Hart River Area, Eastern Olgilvie Mountains, Yukon Territory (116A/10, 116A/11). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Bulletin 9, 92 pp.

ATAC Resources Ltd., undated: Rau Property; ATAC Resources Ltd, <http://www.atacresources.com/s/Rau.asp> [accessed November 3, 2009].

Bennett, V., 2009. (Un-published) Memo: August 6 2009, Visit to McKay Hill. Yukon Geological Survey, 12 p.

Blackburn, L.R., 2010. High-sulphidation epithermal Au-Ag-Cu mineralization at the McKay Hill property- a revised geological model. *In*: Yukon Exploration and Geology 2009, K. MacFarlane and L.H. Weston (eds.), Yukon Geological Survey.

Boyle, R.W., 1957. The Geology and Geochemistry of the Silver-Lead-Zinc Deposits of Galena Hill, Yukon Territory. Geological Survey of Canada Paper 57-1, 39 p.

Buchanan, L. J., 1981. Precious metal deposits associated with volcanic environments in the southwest. Arizona Geol. Soc. Digest, vol. 14, p. 237-261.

Cockfield, W.E., 1925. Geological Survey of Canada Summary Report 1924, Part A, 1-18pp.

Debiki. R.L.,1983. Yukon Mineral Industry, 1941 TO 1959, p. 53, 84, 93.

Deklerk, R. and Traynor, S. (compilers), 2008. Yukon MINFILE 2008- A database of mineral occurrences.

Fonseca, A. and Bradshaw, G., 2005. Yukon Mineral Deposit Profiles. Yukon Geological Survey, Open File 2005-5, 163 p.

Gleeson, C.F. and Boyle, R.W., 1980. Minor and trace element distribution in the heavy minerals of the rivers and streams of the Keno Hill District, Yukon Territory. Geological Survey of Canada, Paper 76-31, 9 p.

Gordey, S.P. and Makepeace, A.J. (compilers), 2003. Complete GIS spatial database of bedrock geology, surficial geology, mineral deposits, paleontology, geochronology and oil and gas well data for Yukon.

Green, L.H., 1972. Geology of Nash Creek, Larsen Creek and Dawson map-areas, Yukon Territory (106D, 116A, 116B and 116C (E ½), Operation Olgivie. Geological Survey of Canada, Memoir 364.

Green, L.H., and Roddick, J.A., 1972. Geology of Nash Creek, Yukon Territory. Geological Survey of Canada, Map 1282A, 1:250 000 scale.

McTaggart, K.C., 1960. The Geology of Keno and Galena Hills, Yukon Territory (105M). Geological Survey of Canada, Bulletin 58, 37 p.

Panteleyev, A., 1994. A Canadian Cordilleran Model for Epithermal Gold-Silver Deposits. *In*: Ore Deposit Models: Geoscience Canada, Reprint Series 3, R.G. Roberts and P.A. Sheahan (eds.), Geological Association of Canada, p. 31-43.

Panteleyev, A., 1991. Gold in the Canadian Cordillera- A focus on epithermal and deeper environments. *In*: Ore deposits, tectonics and metallogeny in the Canadian Cordillera, Paper 1991-4, Province of British Columbia- Ministry of Energy, Mines and Petroleum Resources, pp. 163-212.

Pautler, J., 2008. Geological and Geochemical Evaluation Report on the McKay Hill Project. 30 p plus Appendices.

Pautler, J., 2009 (in progress). Geological and Geochemical Report and Evaluation of the 1926 trenching and 1929 diamond drill program on the McKay Hill Project.

Pigage, L.C., 2006. Selwyn Basin: Zinc-Lead-Silver-Barium. YGS Brochure 2006-2, Yukon Geological Survey.

Roddick, J.A., 1972. Geology of Nash Creek, Yukon Territory. Geological Survey of Canada Map 1282A, 1:250 000 scale.

Roots, C.F., 1997a. Bedrock geology of Mayo area, central Yukon (105M). Exploration and Geological Services Division, Indian and Northern Affairs Canada, Geoscience Map 1997-1, 1:50 000 scale.

Roots, C.F., 1997b. Geology of the Mayo Map Area, Yukon Territory (105M). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Bulletin 7, 82 p.

16. STATEMENT OF QUALIFICATION

I, Lauren R. Blackburn of Keno City, Yukon, am an employee of *Keno Hill Exploration Corp*. I am the author of this report and was present for the duration of the exploration program.

I am a graduate of the University Alberta with a BSc. Specialization in Geology. I have worked in the Yukon Territory since 2006 and in northern Canada since 2005.

Dated at Whitehorse, Yukon Territory this 7th day of December 2010.



_____

Lauren Blackburn B.Sc.
Keno Hill Exploration Corp.,
PO Box 28,
Keno City, YT Y0B 1M0

17. APPENDICIES

17.1 MINFILE Capsules

Yukon Geological Survey - MINFILE Database Search

MINFILE#: 106D 038
UPDATED: 2008-05-14
PRIMARY NAME: MCKAY HILL
DEPOSIT TYPE: Polymetallic Veins Ag-Pb-Zn+/-Au
STATUS: OPEN PIT PAST PRODUCER
TECTONIC ELEMENT: ANCESTRAL NORTH AMERICA

NTS MAP SHEET: 106D\6
LATITUDE: 64° 20' 57"
LONGITUDE: 135° 21' 9"

OTHER NAME(S):
MAJOR COMMODITIES: COPPER, LEAD, SILVER
MINOR COMMODITIES:
TRACE COMMODITIES:

CLAIMS(PREVIOUS & CURRENT)
BEAVER, BLACKHAWK, CARRIE, LAW #1, MAC, MARGARET, MCCAL, PAT #2, RIT, SAM, SNOOSE, SNOWDRIFT

WORK HISTORY
Staked in Jun/22 as a group of about 25 claims, of which the most important were single claims Carrie (14672) by L.B. Erickson, Blackhawk (14676) and Snowdrift (14669) by W. McKay, and Margaret (14702) by N. Marquis. Consolidated Mining & Smelting Company Ltd (predecessor company to Cominco Ltd) optioned the Carrie claim in Dec/26 and drilled 762.0 m in 1929 before dropping the option. McKay drove an 18 m adit on the Blackhawk claim in 1926 and 1929. The Margaret claim was surveyed in 1927 and taken to lease in Oct/30.

The Carrie claim was restaked as Rit, etc cl (55329) in Apr/45 by Yukon Northwest Exploration Ltd, a Leitch Gold Mines Ltd subsidiary, and sold to Hoyle Mining Company Ltd, a Ventures Ltd subsidiary, in Nov/46. The property was explored briefly in 1948 by East Bay Gold Ltd, which shipped 143 tonnes in 1949, and was transferred to Beaver River Silver Lead Mines Ltd in Apr/52, and to Ventures Claims Ltd (both Ventures Ltd subsidiaries) in Jan/59. The Rit group was taken to lease in 1953. The Margaret lease was held in 1948 by Yukon Lodes Ltd.

Recent staking around the leased claims include the Mac, etc cl (61588) in May/51 by M. McCallion, who explored with a 3.7 m shaft in 1952; the Pat cl #2 (Y6309) by P. Callison and Law cl #1 by L. Brown in Jun/66; Sam cl 1-8 (Y31831) in Mar/69 by P. Versluce; McCal cl 1-10 (Y95231) in Aug/74 by C.A. Lindstrom; and the Beaver cl 1-8 (YA41621) in Mar/80 by Grant Oil Inc, which were transferred to Jamto Resources Ltd in 1981.

Restaked as Snoose cl 1-20 (YC56719) in Jul/2007 by M. Bindig.

GEOLOGY

The occurrence area is situated on the south slopes of McKay and Horseshoe Hills near the headwaters of Red Gulch approximately 23.5 km northwest of McQuesten Lake. The area was regionally mapped by L. Green (1972) of the Geological Survey of Canada in 1961 as part of a helicopter-supported party known as Operation Ogilvie. Although the area has not yet been remapped by the Yukon Geological Survey, C. Roots (1997) of the Geological Survey of Canada under contract with the Exploration and Geological Services Division (now part of the Yukon Geological Survey) remapped topographic map sheet 105M located directly to the south in the mid-1990's. In 2003 Gordey and Makepeace released a geological compilation of the Yukon which covered this area.

Based on the work of various geologists, the occurrence area is thought to be underlain by deformed Upper Proterozoic to Lower Cambrian clastic rocks of the Hyland Group. Numerous small greenstone sills (Triassic age (?)) containing calcite which fills amygdules and replaces the original constituents of the rocks intrude the clastic rocks.

The occurrence consists numerous quartz veins up to 3.8 m wide containing galena, tetrahedrite and sphalerite that occur at the margins of a series of small greenstone sills that cut Hyland Group black slates, banded red and green slates, quartzite, conglomerate and limestone. In general the veins narrow quickly and never exceed 30 m in length. The Carrie vein assayed 56.5% lead and 111.4 g/t silver across a width of 3.8 m, but it narrowed to 1.2 m within 9 m along strike.

Several other tetrahedrite showings were found and all showed a silver-lead ratio of about 5 g/t silver:1% lead, with a selected specimen assaying up to 1 302.8 g/t silver, 4.58% lead and 8.84% copper. A picked talus sample of tetrahedrite float returned 2 129.1 g/t silver 9.27% lead 15.04% copper (all assays from Memoir 364, p. 134).

Drilling carried out by the Consolidated Mining and Smelting Company of Canada Ltd in 1929 was disappointing as it was determined that the mineralization did not extend to depth. East Bay Gold Ltd's shipped 143 tonnes of ore from the No. 6 vein (likely the Carrie claim), it averaged 390.9 g/t silver and 74.1% lead. According to Memoir 364, "mineralization decreased rapidly as the pits were deepened and disappeared totally within a few feet".

REFERENCES

CANADIAN MINING JOURNAL, May/49, p. 110.

GEOLOGICAL SURVEY OF CANADA Summary Report 1923 Part A, p. 22-28; 1924 Part A, p. 13A - 18A; 1929 Part A, p. 12A.

GORDEY, S.P. AND MAKEPEACE, A.J. 2003: Yukon Digital Geology, version 2.0, S.P. Gordey and A.J. Makepeace (comp); Geological Survey of Canada, Open File 1749 and Yukon Geological Survey, Open File 2003-9 (D).

GREEN, L.H. 1972. Geology of Nash Creek, Larsen Creek and Dawson Map-Areas, Yukon Territory. Geological Survey of Canada, Memoir 364, p. 133 - 134.

ROOTS, C.F., 1997. Bedrock geology of Mayo area, central Yukon (105M). Exploration and Geological Services Division, Indian and Northern Affairs Canada, Geoscience Map 1997-1, 1:50 000 scale.

ROOTS, C.F., 1997. Geology of the Mayo Map Area, Yukon Territory (105M). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Bulletin 7, 82 p.

YUKON MINERAL INDUSTRY 1941 TO 1959, p. 53, 84, 93.

YUKON MINFILE
YUKON GEOLOGICAL SURVEY
WHITEHORSE

MINFILE: 106D 037
NAME: WHITE HILL
STATUS: SHOWING
TECTONIC ELEMENT: MACKENZIE PLATFORM
DEPOSIT TYPE: Polymetallic Veins Ag-Pb-Zn+/-Au

NTS MAP SHEET: 106D\6
LATITUDE: 64º 21' 4" N
LONGITUDE: 135º 25' 45" W

OTHER NAME(S):
MAJOR COMMODITIES: COPPER, ZINC, LEAD
MINOR COMMODITIES:
TRACE COMMODITIES:

CLAIMS (PREVIOUS & CURRENT)

CRYSTAL, NORTHSTAR, SELINE, SELMA

WORK HISTORY

First staked as the Crystal cl (16516) in Aug/24 by F.E. Envoldsen. Additional claims added Aug/25 include Selma cl (16069) by E. Anderson, Seline cl (16068) by C. Williamsen and Northstar cl (16070) by L.B. Erickson. There is no record of work on the claims.

GEOLOGY

A narrow quartz vein containing galena, chalcopyrite and sphalerite cuts Cambrian or older quartzite and schist.

REFERENCES

GEOLOGICAL SURVEY OF CANADA Summary Report 1924, Part A.

17.2 Thin & Polished Section Descriptions

Thin Section Sample Descriptions

	Station	Easting_ NAD83	Northing_ NAD83	Rock Type	Description
XPL Sections	09-McK-011	481299	7135942	Mineralized Conglomerate	Replaced conglomerate + late prismoidal qtz +/- mal, azu + Fe-carb alt. Very few rotten clasts in piece.
	09-McK-024	481139	7136126	Quartz vein	Qtz +/- gal, mal (jame? tetra?)
	09-Mck-025a	481435	7135938	Quartz vein in basaltic country rock	Qtz +mal, azu+/- tetra, epidote instability?
	09-Mck-025b	481435	7135938	Quartz vein in basaltic country rock	Qtz + mal + chrys + azu +/- tetra, tenorite (?), epidote instability?
	09-McK-031	481235	7135918	Mineralized Conglomerate	Massive stratified galena +/- mal, azu. Rotten clasts.
	09-McK-033	481620	7135832	Quartz vein	Qtz + gal (+/- mal, azu, tetra (?)). Euhedral qtz prisms surrounded by void-filling galena
	09-McK-247	481473	7135960		Mal + chrys +/- epi, tenorite (?), apy (?) coated massive galena.
PPL Sections	09-McK-007	481285	7136038	Basalt(?) + mal	Vein No 7, massive white quartz vein surrounded by rusty volcanics (basalt?) that contain interstitial malachite.
	09-McK-008	481303	7136054	Andesite	Forms volcanic butte-- most convincing andesite on property.
	09-McK-058	481425	7135935	Qtz-eye basalt	Classic qtz-eye basalt. Are they calcite or quartz amygdules. Is this really a basalt?
	09-McK-069	481488	7135980	Conglomerate	A poor example of conglomerate… want to convince myself that the rocks in this area are still conglomerates. Large (<3cm) clasts that are rounded to angular.
	09-McK-214	481188	7136129	Argillic altered slate brx?	Definitly a BRX, clasts are angular, creamy white and very fine grained. Interstitial rusty clots (Fe-carb?). Clasts almost appear chert-like or exhalitive.
	09-McK-227	481285	7136090	Volcanic brx? Or Andesite?	May be andesite? Fragmented clasts within, some appear to be black mudstone (?), minor pyrite (?). Fresh surfaces are green in colour.
	09-McK-247	481473	7135960	Conglomerate (with basalt?)	Gritty in appearance. Minor large clasts, some appear basaltic. Minor black mudstone (?) clasts.
	09-McK-265	481140	7135972	Basalt	Pillowed basalt (?). Qtz or cc amygdules preserved. Definitely layered. Massive appearing siliceous layers within.
	09-McK-271	481297	7135961	Sandstone grit	Thin layer of sandstone grit (overlying?) conglomerate that is fining upwards. Medium-grained, rusty fracture surfraces (Fe-carb?). Grains appear sub-angular.
	09-McK-287	481012	7135988	Unknown	Unknown! Looks like a combination between the conglomerate + basalt or a brx'd/volcanic tuff. Agglomerate?

17.3 Rock Sample Assay Results

Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Keno Hill Exploration**
PO Box 15
Keno City YT Y0B 1M0 Canada

Submitted By: Lauren Blackhurn
Receiving Lab: Canada-Vancouver
Received: September 11, 2009
Report Date: November 04, 2009
Page: 1 of 2

CERTIFICATE OF ANALYSIS VAN09004185.2

CLIENT JOB INFORMATION

Project: McKay Hill
Shipment ID:
P.O. Number
Number of Samples: 8

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 90 days

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
R200	8	Crush, split and pulverize rock to 200 mesh			VAN
G6	8	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX1	8	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
G613	2	Fire Assay Ag by gravimetric finished	30	Completed	VAN
7AR	4	1:1:1 Aqua Regia digestion ICP-ES analysis	0.4	Completed	VAN
7AR.1	1	1:1:1 Aqua Regia Digestion ICP-ES Finish	0.1	Completed	VAN

ADDITIONAL COMMENTS

Version 2: Group 6 Ag Grav & 7AR Pb Zn included

Invoice To: Monster Mining Corp.
Suite 916 - 925 W. Georgia Street
Vancouver BC V6C 3L2
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.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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PO Box 15
Keno City YT Y0B 1M0 Canada

Project: McKay Hill
Report Date: November 04, 2009

CERTIFICATE OF ANALYSIS VAN09004185.2

	Method	WGHT	G6	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	gm/mt	ppm	%	%	%	gm/mt	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.01	0.1	1e-005	1e-005	0.0001	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
7R56813	Rock	2.19	<0.01	0.3	0.0117	>1	>1	32.4	2.9	0.5	114	0.60	29.7	0.2	1.8	<0.1	9	183.5	302.7	0.3	2
7R56814	Rock	1.61	0.03	0.4	0.0943	>1	>1	>100	6.1	0.6	446	1.81	99.8	0.9	22.2	<0.1	136	622.8	1605	1.8	6
7R56815	Rock	1.39	1.29	0.4	0.9032	>1	>1	>100	9.4	1.6	97	0.63	488.6	0.8	740.8	<0.1	17	753.6	>2000	0.8	<2
7R56851	Rock	0.72	<0.01	0.2	0.0054	>1	0.1527	3.9	1.5	0.4	45	0.40	4.6	<0.1	0.6	0.1	4	13.4	51.7	<0.1	<2
7R56852	Rock	0.85	0.06	0.7	0.0123	0.0487	0.0114	0.7	20.2	10.9	479	1.57	14.9	0.3	19.2	0.8	4	2.7	18.7	0.1	2
7R56853	Rock	1.08	<0.01	0.7	0.4997	0.0270	0.0098	0.2	5.2	1.1	121	0.82	4.7	<0.1	<0.5	<0.1	9	1.0	4.2	<0.1	<2
7R56854	Rock	1.61	0.06	0.4	0.0008	0.0113	0.0023	0.1	7.5	7.0	219	0.90	46.3	0.1	38.1	0.1	31	0.4	3.9	<0.1	3
7R56855	Rock	0.91	<0.01	0.4	0.0025	0.0089	0.0023	<0.1	7.2	2.9	477	1.03	13.4	<0.1	1.9	0.1	100	0.2	3.8	<0.1	4

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Project: McKay Hill
Report Date: November 04, 2009

CERTIFICATE OF ANALYSIS VAN09004185.2

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	G6	7AR
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ag	Pb
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	gm/mt	%
	MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	5	0.01
7R56813	Rock	0.01	0.002	10	7	<0.01	2	<0.001	<20	<0.01	<0.001	<0.01	<0.1	1.60	0.7	0.2	1.28	<1	1.1	N.A.	9.04
7R56814	Rock	0.03	<0.001	<1	2	0.04	5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	18.44	2.8	1.6	6.97	<1	8.0	156	>10
7R56815	Rock	0.01	<0.001	3	8	0.01	12	<0.001	<20	<0.01	<0.001	<0.01	<0.1	46.61	0.5	0.4	1.17	<1	9.1	139	9.93
7R56851	Rock	<0.01	0.001	<1	11	<0.01	4	<0.001	<20	0.02	<0.001	<0.01	<0.1	0.55	<0.1	0.2	0.19	<1	<0.5	N.A.	1.41
7R56852	Rock	<0.01	0.007	2	16	<0.01	55	<0.001	<20	0.10	0.008	0.05	<0.1	0.26	0.5	<0.1	<0.05	<1	<0.5	N.A.	N.A.
7R56853	Rock	0.42	0.007	3	13	0.06	9	<0.001	<20	0.02	0.001	<0.01	<0.1	0.02	0.5	<0.1	<0.05	<1	<0.5	N.A.	N.A.
7R56854	Rock	1.02	0.016	<1	12	0.03	34	0.001	<20	0.05	0.004	0.04	<0.1	0.03	1.6	<0.1	<0.05	<1	<0.5	N.A.	N.A.
7R56855	Rock	2.05	0.013	4	14	0.60	17	<0.001	<20	0.03	0.002	0.02	<0.1	<0.01	0.8	<0.1	<0.05	<1	<0.5	N.A.	N.A.

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Method		7AR	7AR.1
Analyte		Zn	Pb
Unit		%	%
MDL		0.01	0.01
7R56813	Rock	1.93	
7R56814	Rock	6.30	58.29
7R56815	Rock	3.18	
7R56851	Rock	0.13	
7R56852	Rock	N.A.	
7R56853	Rock	N.A.	
7R56854	Rock	N.A.	
7R56855	Rock	N.A.	

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QUALITY CONTROL REPORT VAN09004185.2

	Method	WGHT	G6	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	gm/mt	ppm	%	%	%	gm/mt	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.01	0.1	1e-005	1e-005	0.0001	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
Pulp Duplicates																					
REP G1	QC			<0.1	0.0003	0.0002	0.0048	<0.1	3.0	4.2	576	1.79	0.6	1.8	<0.5	5.9	51	<0.1	<0.1	<0.1	35
7R56814	Rock	1.61	0.03	0.4	0.0943	>1	>1	>100	6.1	0.6	446	1.81	99.8	0.9	22.2	<0.1	136	622.8	1605	1.8	6
REP 7R56814	QC		0.03																		
Reference Materials																					
STD CCU-1C	Standard																				
STD CDN-ME-6	Standard																				
STD CZN-3	Standard																				
STD DS7	Standard			20.4	0.0102	0.0087	0.0408	0.8	55.1	9.3	580	2.32	51.4	6.4	43.8	4.7	70	6.1	4.7	4.8	81
STD GBM997-6	Standard																				
STD GC-7	Standard																				
STD OREAS45PA	Standard			0.9	0.0567	0.0018	0.0116	0.2	278.3	105.6	1082	16.06	4.4	1.0	38.6	6.0	14	0.1	0.1	0.2	206
STD OXH55	Standard		1.29																		
STD OXH55	Standard		1.22																		
STD OXH55	Standard		1.27																		
STD OXK69	Standard		3.63																		
STD OXK69	Standard		3.72																		
STD OXK69	Standard		3.71																		
STD PTC-1A	Standard																				
STD R4A	Standard																				
STD DS7 Expected				20.5	0.0109	0.00706	0.0411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84
STD OREAS45PA Expected				0.9	0.06	0.0019	0.0119	0.3	281	104	1130	16.559	4.2	1.2	43	6	14	0.09	0.13	0.18	221
STD OXH55 Expected			1.282																		
STD OXK69 Expected			3.583																		
STD GC-7 Expected																					
STD R4A Expected																					
STD CDN-ME-6 Expected																					
STD CZN-3 Expected																					
STD PTC-1A Expected																					

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QUALITY CONTROL REPORT VAN09004185.2

		Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	G6	7AR
		Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ag	Pb
		Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	gm/mt	%
		MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	5	0.01
Pulp Duplicates																						
REP G1	QC		0.46	0.075	13	9	0.51	168	0.124	<20	0.89	0.072	0.41	<0.1	<0.01	1.9	0.3	<0.05	5	<0.5		
7R56814	Rock		0.03	<0.001	<1	2	0.04	5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	18.44	2.8	1.6	6.97	<1	8.0	156	>10
REP 7R56814	QC																				162	>10
Reference Materials																						
STD CCU-1C	Standard																					
STD CDN-ME-6	Standard																				107	
STD CZN-3	Standard																					
STD DS7	Standard		0.96	0.077	12	166	1.01	397	0.111	38	0.99	0.084	0.41	3.6	0.22	2.4	4.4	0.20	5	3.9		
STD GBM997-6	Standard																					
STD GC-7	Standard																					>10
STD OREAS45PA	Standard		0.23	0.031	15	774	0.10	182	0.123	<20	3.28	0.010	0.07	<0.1	0.01	41.0	<0.1	<0.05	16	<0.5		
STD OXH55	Standard																					
STD OXH55	Standard																					
STD OXH55	Standard																					
STD OXK69	Standard																					
STD OXK69	Standard																					
STD OXK69	Standard																					
STD PTC-1A	Standard																					
STD R4A	Standard																					1.47
STD DS7 Expected			0.93	0.08	12	179	1.05	370	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5		
STD OREAS45PA Expected			0.2411	0.034	16.2	873	0.095	187	0.124		3.34	0.011	0.0665	0.011	0.03	43	0.07	0.03	16.8	0.54		
STD OXH55 Expected																						
STD OXK69 Expected																						
STD GC-7 Expected																						10.44
STD R4A Expected																						1.503
STD CDN-ME-6 Expected																					101	
STD CZN-3 Expected																						
STD PTC-1A Expected																						

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QUALITY CONTROL REPORT VAN09004185.2

		Method	7AR	7AR.1
		Analyte	Zn	Pb
		Unit	%	%
		MDL	0.01	0.01
Pulp Duplicates				
REP G1	QC			
7R56814	Rock		6.30	58.29
REP 7R56814	QC		6.62	58.22
Reference Materials				
STD CCU-1C	Standard			0.37
STD CDN-ME-6	Standard			
STD CZN-3	Standard			0.22
STD DS7	Standard			
STD GBM997-6	Standard			23.86
STD GC-7	Standard		22.21	
STD OREAS45PA	Standard			
STD OXH55	Standard			
STD OXH55	Standard			
STD OXH55	Standard			
STD OXK69	Standard			
STD OXK69	Standard			
STD OXK69	Standard			
STD PTC-1A	Standard			0.19
STD R4A	Standard		3.38	
STD DS7 Expected				
STD OREAS45PA Expected				
STD OXH55 Expected				
STD OXK69 Expected				
STD GC-7 Expected			22.06	
STD R4A Expected			3.31	
STD CDN-ME-6 Expected				
STD CZN-3 Expected				0.113
STD PTC-1A Expected				0.05

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QUALITY CONTROL REPORT VAN09004185.2

		WGHT Wgt kg 0.01	G6 Au gm/mt 0.01	1DX Mo ppm 0.1	1DX Cu % 1e-005	1DX Pb % 1e-005	1DX Zn % 0.0001	1DX Ag gm/mt 0.1	1DX Ni ppm 0.1	1DX Co ppm 0.1	1DX Mn ppm 1	1DX Fe % 0.01	1DX As ppm 0.5	1DX U ppm 0.1	1DX Au ppb 0.5	1DX Th ppm 0.1	1DX Sr ppm 1	1DX Cd ppm 0.1	1DX Sb ppm 0.1	1DX Bi ppm 0.1	1DX V ppm 2
STD CCU-1C Expected																					
STD GBM997-6 Expected																					
BLK	Blank			<0.1	0.0001	<1e-005	<0.0001	<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
BLK	Blank		<0.01																		
BLK	Blank		<0.01																		
BLK	Blank		<0.01																		
BLK	Blank		<0.01																		
BLK	Blank		<0.01																		
BLK	Blank		<0.01																		
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	<0.01	<0.01																		
G1	Prep Blank			0.1	0.0002	0.0002	0.0046	<0.1	2.7	4.2	583	1.77	<0.5	1.8	<0.5	5.4	48	<0.1	<0.1	<0.1	35

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		1DX Ca % 0.01	1DX P % 0.001	1DX La ppm 1	1DX Cr ppm 1	1DX Mg % 0.01	1DX Ba ppm 1	1DX Ti % 0.001	1DX B ppm 20	1DX Al % 0.01	1DX Na % 0.001	1DX K % 0.01	1DX W ppm 0.1	1DX Hg ppm 0.01	1DX Sc ppm 0.1	1DX Tl ppm 0.1	1DX S % 0.05	1DX Ga ppm 1	1DX Se ppm 0.5	G6 Ag gm/mt 5	7AR Pb % 0.01
STD CCU-1C Expected																					
STD GBM997-6 Expected																					
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5		
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				<0.01
BLK	Blank																			<5	
BLK	Blank																				
Prep Wash																					
G1	Prep Blank																			N.A.	N.A.
G1	Prep Blank	0.46	0.073	13	9	0.51	164	0.123	<20	0.88	0.066	0.44	<0.1	<0.01	2.0	0.4	<0.05	5	<0.5		

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.

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Client: **Keno Hill Exploration**
PO Box 15
Keno City YT Y0B 1M0 Canada

Project: McKay Hill
Report Date: November 04, 2009

QUALITY CONTROL REPORT VAN09004185.2

		7AR Zn % 0.01	7AR.1 Pb % 0.01
STD CCU-1C Expected			0.34
STD GBM997-6 Expected			24.9095
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank	<0.01	
BLK	Blank		
BLK	Blank		<0.01
Prep Wash			
G1	Prep Blank	N.A.	
G1	Prep Blank		

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.

17.4 Soil Sample Descriptions

Soil Sample Descriptions:

Station	Easting_ NAD83	Northing_ NAD83	Elevation (m)	Depth (cm)	Colour	Organics	Description	Sampler
MK-A-01	480826	7135930	1442.8	30	Chocolate brown	<15%	On vegetated hillside near camp, abundant clay, slate rock chips, minor silt	L. Blackburn
MK-A-02	480864	7135902	1461.3	30	Light brown	<5%	On vegetated hillside near camp, abundant clay & silt, slate rock chips	L. Blackburn
MK-A-03	480909	7135874	1467.1	30	Grey-blue	<20%	By camp, used auger because ground was frozen, on slate, vegetated hilltop	L. Blackburn
MK-A-04	480949	7135847	1461.3	25	Grey-brown	<10%	Vegetated hilltop, sandy, abundant rock chips	L. Blackburn
MK-A-05	480988	7135825	1447.9	35	Grey	None	Vegetated hillside, sandy, abundant rock chips	L. Blackburn
MK-A-06	481030	7135791	1427	20	Grey	<20%	Vegetated hillside, sandy, abundant rock chips	L. Blackburn
MK-A-07	481071	7135759	1417.8	25	Brown	<5%	Vegetated hillside, sandy, abundant rock chips	L. Blackburn
MK-A-08	481112	7135731	1403.2	20	Brown	<15%	Vegetated hillside, sandy	L. Blackburn
MK-B-01	480853	7135974	1466.8	20	Brown	<10%	Some rock chips, on grassy slope	L. Blackburn
MK-B-02	480892	7135948	1468	20	Grey-brown	<10%	Abundant rock chips, on grassy slope	L. Blackburn
MK-B-03	480928	7135914	1475	20	Grey-brown	<10%	Abundant rock chips, on hill top	L. Blackburn
MK-B-04	480971	7135886	1470	20	Grey-brown	<20%	Grassy hillside, rusty volcanic rock chips	L. Blackburn
MK-B-05	481015	7135858	1458.2	20	Brown	<20%	Grassy hillside, rusty rock chips	L. Blackburn
MK-B-06	481057	7135832	1445	20	Rusty brown	<5%	Hillside, some trees, nodular clay-rich soil	L. Blackburn
MK-B-07	481103	7135804	1435.1	20	Grey-brown	<5%	Hillside, some trees, nodular clay-rich soil	L. Blackburn
MK-B-08	481140	7135775	1423.1	25	Rusty brown	None	Hillside, some trees, nodular clay-rich soil, abundant small volcanic rock chips, poor soil	L. Blackburn
MK-B-09	481184	7135743	1409.6	25	Rusty brown	None	Talus slope, some trees, nodular clay-rich soil, abundant small volcanic rock chips, poor soil	L. Blackburn
MK-C-01	NO SAMPLE							M. Roden
MK-C-02	480924	7136003		15	Rusty orange-brown	<20%	Iron-carbonate and andesite/basalt and qtz vein float	M. Roden
MK-C-03	480961	7135967		15	dark brown	<20%	Andesite float	M. Roden
MK-C-04	481008	7135932		25	brown	<20%	Slate and quartz vein float	M. Roden
MK-C-05	481049	7135903		20	dark brown	<20%		M. Roden

Soil Sample Descriptions:

Station	Au (ppm)	Ag (g/t)	Pb (%)	Zn (%)	Cu (%)	As (ppm)	Mo (ppm)	Ni (ppm)	Co (ppm)	Mn (ppm)	Fe (%)	U (ppm)
	0.5	0.1	0.00001	0.0001	0.00001	0.5	0.1	0.1	0.1	1	0.01	0.1
MK-A-01	1.6	<0.1	0.00234	0.0063	0.00275	12.9	1	22	9.3	405	2.86	0.6
MK-A-02	2.6	<0.1	0.00293	0.0073	0.00331	17.6	1	29.2	14.3	640	3.05	0.8
MK-A-03	0.7	<0.1	0.00329	0.0106	0.00597	14.1	0.7	55.3	24.9	1362	5.53	1
MK-A-04	2.1	<0.1	0.00309	0.0067	0.0031	14.4	1.2	25.9	13.9	732	3.2	0.7
MK-A-05	2.6	<0.1	0.00257	0.0088	0.00338	26.1	1	35.4	14.7	689	3.29	0.8
MK-A-06	10.3	0.2	0.00472	0.0119	0.00516	40.8	1.1	49.6	16.3	583	3.84	1
MK-A-07	2.2	<0.1	0.00467	0.0174	0.00391	30.5	1.1	40.4	14.7	793	4.23	0.8
MK-A-08	5.7	0.6	0.05444	0.0745	0.00783	110.9	1.3	106.1	31.7	1023	5.9	0.7
MK-B-01	28.8	0.2	0.00544	0.0153	0.00394	58.5	0.9	39.8	15	644	3.46	0.8
MK-B-02	7	0.2	0.00326	0.0124	0.00445	66.1	1.7	49.6	20	696	3.83	0.8
MK-B-03	26.8	<0.1	0.00244	0.0124	0.00388	179.2	4.7	50.6	19.1	1028	3.08	0.7
MK-B-04	21.3	0.2	0.00586	0.0132	0.00665	162.5	1.3	53	17.3	1385	4.01	0.6
MK-B-05	3.2	0.3	0.00444	0.0144	0.00733	33.7	1.3	105.5	33.3	1441	5.91	1.1
MK-B-06	265.3	3.1	0.16105	0.2232	0.03027	422.4	2.6	118.8	35.8	1665	8.45	1.1
MK-B-07	96.1	1.7	0.1677	0.2411	0.01509	81.3	1.3	71.1	30.5	1410	5.58	0.7
MK-B-08	21.2	2.7	0.22493	0.4628	0.0168	139.4	1.6	162.5	43.6	1949	9.13	0.9
MK-B-09	65.5	3.2	0.50133	>1.0000	0.02342	701.5	1.8	111.9	42.2	3620	11.09	0.8
MK-C-01												
MK-C-02	47	16.4	0.80872	>1.0000	0.04343	255.3	2	109.9	40.1	2269	10.97	1.1
MK-C-03	0.8	<0.1	0.00275	0.0082	0.00362	11.3	1.1	27.6	13.7	948	3.21	0.8
MK-C-04	2.2	0.3	0.00349	0.0157	0.00491	16.9	1.8	61.4	25.6	1236	5.01	1.1
MK-C-05	32.4	0.5	0.02399	0.0363	0.00815	158.9	1.4	65.2	22.4	1295	5.42	1

Soil Sample Descriptions:

Station	Th (ppm)	Sr (ppm)	Cd (ppm)	Sb (ppm)	Bi (ppm)	V (ppm)	Ca (%)	P (%)	La (ppm)	Cr (ppm)	Mg (%)	Ba (ppm)	Ti (%)
	0.1	**1**	**0.1**	**0.1**	**0.1**	**2**	**0.01**	**0.001**	**1**	**1**	**0.01**	**1**	**0.001**
MK-A-01	0.9	8	0.2	1.6	0.3	37	0.07	0.065	11	24	0.36	67	0.013
MK-A-02	3	9	0.1	1.3	0.3	37	0.08	0.055	13	25	0.46	121	0.02
MK-A-03	10.7	23	<0.1	1.3	0.4	35	0.18	0.078	28	46	0.89	53	0.003
MK-A-04	0.5	11	0.2	2.1	0.3	45	0.12	0.074	12	30	0.38	75	0.014
MK-A-05	2.5	18	0.3	3.2	0.3	41	0.21	0.075	16	29	0.48	140	0.013
MK-A-06	3.3	30	0.5	7	0.3	37	0.56	0.097	12	40	0.4	102	0.005
MK-A-07	0.4	25	1.1	7.2	0.3	53	0.35	0.159	13	41	0.42	174	0.007
MK-A-08	4	39	6.4	60.4	0.2	37	0.44	0.158	19	48	0.25	97	0.008
MK-B-01	3.7	34	0.6	9.1	0.2	40	0.25	0.075	20	26	0.43	137	0.016
MK-B-02	2.5	33	0.3	10.7	0.3	46	0.39	0.117	19	25	0.5	129	0.011
MK-B-03	2	34	0.9	15.8	0.3	37	0.17	0.078	15	19	0.26	129	0.011
MK-B-04	1	22	0.6	25.2	0.3	26	0.2	0.086	10	22	0.17	118	0.003
MK-B-05	1.6	58	0.9	11.5	0.2	93	1.13	0.18	31	127	0.79	135	0.008
MK-B-06	3.7	43	22.3	194.8	0.5	28	0.46	0.157	14	26	0.22	91	0.004
MK-B-07	4.6	43	28.5	159	0.2	60	0.46	0.164	21	44	0.28	75	0.007
MK-B-08	3.4	54	45.6	113.4	0.2	73	0.73	0.242	23	102	0.41	72	0.007
MK-B-09	3.3	67	102	161.7	0.2	75	0.79	0.244	27	74	0.4	112	0.007
MK-C-01													
MK-C-02	2	59	118.5	279.6	0.2	62	0.88	0.258	24	42	0.34	118	0.011
MK-C-03	0.5	16	0.8	1.8	0.3	60	0.17	0.09	18	37	0.45	193	0.016
MK-C-04	1.4	36	1	4.2	0.2	83	0.39	0.153	43	76	0.89	217	0.013
MK-C-05	0.7	31	1.8	27.2	0.4	38	0.34	0.127	12	30	0.27	148	0.007

Soil Sample Descriptions:

Station	B (ppm)	Al (%)	Na (%)	K (%)	W (ppm)	Hg (ppm)	Sc (ppm)	Tl (ppm)	S (%)	Ga (ppm)	Se (ppm)	Pb (%)	Zn (%)
	20	**0.01**	**0.001**	**0.01**	**0.1**	**0.01**	**0.1**	**0.1**	**0.05**	**1**	**0.5**	**0.01**	**0.01**
MK-A-01	<20	1.36	0.008	0.03	0.1	<0.01	1.3	<0.1	<0.05	4	0.6	N.A.	N.A.
MK-A-02	<20	1.42	0.006	0.04	0.1	0.01	2.3	<0.1	<0.05	5	<0.5	N.A.	N.A.
MK-A-03	<20	2.51	0.004	0.03	<0.1	0.03	3.3	<0.1	<0.05	8	<0.5	N.A.	N.A.
MK-A-04	<20	1.24	0.007	0.03	<0.1	<0.01	1.3	<0.1	<0.05	4	0.6	N.A.	N.A.
MK-A-05	<20	1.31	0.009	0.04	0.1	0.03	2.7	<0.1	<0.05	4	<0.5	N.A.	N.A.
MK-A-06	<20	1.31	0.009	0.05	<0.1	0.22	4.6	<0.1	<0.05	4	0.6	N.A.	N.A.
MK-A-07	<20	1.52	0.01	0.05	<0.1	0.07	1.3	0.1	0.05	5	<0.5	N.A.	N.A.
MK-A-08	<20	0.67	0.01	0.04	<0.1	0.54	8.9	<0.1	<0.05	2	<0.5	N.A.	N.A.
MK-B-01	<20	1.01	0.007	0.04	0.1	0.37	4.9	<0.1	<0.05	3	<0.5	N.A.	N.A.
MK-B-02	<20	1.08	0.007	0.04	0.2	0.15	3.9	<0.1	<0.05	3	0.7	N.A.	N.A.
MK-B-03	<20	0.68	0.006	0.03	<0.1	0.12	2.1	0.1	<0.05	2	<0.5	N.A.	N.A.
MK-B-04	<20	0.5	0.007	0.04	<0.1	0.18	3.6	<0.1	<0.05	2	0.7	N.A.	N.A.
MK-B-05	<20	1.9	0.013	0.04	<0.1	0.33	10.7	0.1	0.08	6	1.1	N.A.	N.A.
MK-B-06	<20	0.7	0.007	0.05	<0.1	5.73	13.1	<0.1	<0.05	2	1.3	N.A.	N.A.
MK-B-07	<20	0.62	0.008	0.05	<0.1	1.64	9.3	<0.1	<0.05	2	<0.5	N.A.	N.A.
MK-B-08	<20	1.15	0.008	0.04	<0.1	2.86	16.4	0.2	<0.05	4	0.9	N.A.	N.A.
MK-B-09	<20	1.01	0.009	0.05	<0.1	3.47	18	0.5	<0.05	3	1.3	0.51	1.35
MK-C-01													
MK-C-02	<20	0.93	0.009	0.04	0.1	10.55	14.4	0.1	0.06	6	1.7	0.81	1.09
MK-C-03	<20	1.79	0.005	0.04	0.1	0.04	1.7	<0.1	0.06	6	<0.5	N.A.	N.A.
MK-C-04	<20	2.11	0.006	0.05	0.1	0.28	4.8	0.1	0.05	7	0.7	N.A.	N.A.
MK-C-05	<20	1.19	0.007	0.05	<0.1	0.75	3.7	0.1	<0.05	4	0.6	N.A.	N.A.

Soil Sample Descriptions:

Station	Easting_ NAD83	Northing_ NAD83	Elevation (m)	Depth (cm)	Colour	Organics	Description	Sampler
MK-C-06	481089	7135870		15	dark brown	<15%	Rusty iron-carbonate, conglomerate and qtz vein float	M. Roden
MK-C-07	481129	7135846		15	dark brown	<20%		M. Roden
MK-C-08	481169	7135819		15	dark brown	<20%	Conglomerate float	M. Roden
MK-C-09	481210	7135789		15	dark brown	<15%	Conglomerate float	M. Roden
MK-C-10	481252	7135756		20	dark brown	<15%	Conglomerate float	M. Roden
MK-C-11	481294	7135772		15	dark brown	<15%	Conglomerate, basalt and quartz vein float	M. Roden
MK-D-01	480914	7136059		15	dark brown	<15%	Slate float	M. Roden
MK-D-02	480953	7136030		20	dark brown	<15%		M. Roden
MK-D-03	480994	7136002		15	dark brown	<10%	Andesite float	M. Roden
MK-D-04	481033	7135974		20	dark brown	<15%	Basalt float	M. Roden
MK-D-05	481077	7135948		20	dark brown	<10%	Slate float	M. Roden
MK-D-06	481117	7135914		20	dark brown	<15%	Slate float	M. Roden
MK-D-07	481159	7135890		20	dark brown	<10%	Slate and qtz vein float	M. Roden
MK-D-08	481199	7135858		15	rusty orange	<10%	Conglomerate and qtz vein float	M. Roden
MK-D-09	481238	7135831		20	orange-brown	<10%	Basalt float?	M. Roden
MK-D-10	481277	7135800		20	rusty orange-brown	<10%	Conglomerate, qtz vein and basaltic float + gal and mal	M. Roden
MK-E-01	480940	7136098	1699.2	15	Dark brown	<5%	Little soil, abundant rock chips	M. Bindig
MK-E-02	480983	7136068	1529.1	20	Dark brown	<20%	Abundant clay, rock chips	M. Bindig

Soil Sample Descriptions:

Station	Au (ppm)	Ag (g/t)	Pb (%)	Zn (%)	Cu (%)	As (ppm)	Mo (ppm)	Ni (ppm)	Co (ppm)	Mn (ppm)	Fe (%)	U (ppm)
	0.5	0.1	0.00001	0.0001	0.00001	0.5	0.1	0.1	0.1	1	0.01	0.1
MK-C-06	11	0.6	0.02258	0.0837	0.00748	72.8	1.2	63.4	23.7	1158	6.35	1
MK-C-07	29	2.8	0.30499	0.4169	0.01745	285.6	1.8	150.5	47.7	2487	9.9	0.7
MK-C-08	46.9	3.9	0.64982	0.8984	0.01697	256.1	1.3	101.9	38.5	3336	9.73	0.7
MK-C-09	14.4	4	0.59042	0.2127	0.01137	220.6	1.5	129	36.3	2078	8.08	0.8
MK-C-10	14.8	1.8	0.22345	0.1487	0.0108	199.7	1.2	190	49	2347	9.64	0.7
MK-C-11	24.9	4.8	0.46989	0.6473	0.01923	448.7	1.1	216.2	46.8	1944	9.16	0.6
MK-D-01	2.5	0.3	0.01294	0.0213	0.00493	22.8	1.8	55.4	18.7	847	4.36	1
MK-D-02	2.9	<0.1	0.01076	0.015	0.00356	28.1	1.4	30.2	16.3	1159	3.54	0.7
MK-D-03	1.6	<0.1	0.0031	0.0076	0.00365	17.5	1	38.3	15.7	915	3.42	0.7
MK-D-04	1.6	<0.1	0.00252	0.0112	0.00454	15.5	1.1	92.9	31.3	1494	6.25	0.8
MK-D-05	70.3	0.3	0.02145	0.0307	0.00849	127.4	1.4	48.3	31.9	2613	5.24	1
MK-D-06	2.6	0.2	0.01672	0.0573	0.00688	59.9	1.5	77.1	26.9	1658	5.37	0.7
MK-D-07	51.1	1.5	0.22897	0.7426	0.01398	219.7	1.8	106.7	45.3	2691	7.87	0.7
MK-D-08	30.8	1.5	0.22685	>1.0000	0.01115	245.5	1.2	124.5	46.9	3191	10.33	0.6
MK-D-09	26.8	1.8	0.24365	0.1542	0.01055	200.7	1.5	141.7	38.8	1596	7.06	0.7
MK-D-10	31.7	13.2	>1.00000	>1.0000	0.04537	427.9	2.1	197.2	60	4265	10.5	1
MK-E-01	20.1	8	0.63862	0.395	0.03671	138.5	2.4	75.2	26.8	1650	6.41	1
MK-E-02	5.7	<0.1	0.00747	0.0118	0.00306	14.6	1.3	25.7	11.2	746	3.28	0.6

Soil Sample Descriptions:

Station	Th (ppm)	Sr (ppm)	Cd (ppm)	Sb (ppm)	Bi (ppm)	V (ppm)	Ca (%)	P (%)	La (ppm)	Cr (ppm)	Mg (%)	Ba (ppm)	Ti (%)
	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1	1	0.01	1	0.001
MK-C-06	1.8	41	3.9	25.5	0.2	84	0.63	0.183	23	49	0.5	121	0.008
MK-C-07	3.3	59	54.3	142.4	0.2	61	0.69	0.217	23	83	0.3	84	0.008
MK-C-08	2.3	83	75.5	142.6	0.2	75	1.06	0.246	27	67	0.5	129	0.009
MK-C-09	4.5	82	15.4	83.3	0.2	102	0.76	0.248	41	113	1.01	143	0.021
MK-C-10	3.2	107	12.9	59.8	0.1	137	1.48	0.32	52	218	1.22	152	0.009
MK-C-11	3.2	77	52	166.2	0.1	134	0.9	0.23	34	248	1.31	278	0.023
MK-D-01	1.8	53	1.6	8.4	0.2	69	0.62	0.136	24	63	0.7	175	0.016
MK-D-02	0.5	16	1.3	6.6	0.3	55	0.16	0.096	13	38	0.35	112	0.019
MK-D-03	2.8	17	0.3	2.9	0.2	46	0.19	0.045	23	37	0.51	161	0.022
MK-D-04	4.4	79	0.3	5.3	0.2	115	0.7	0.196	88	124	0.83	123	0.017
MK-D-05	2.8	12	2.6	23.3	0.5	32	0.06	0.097	16	24	0.33	88	0.013
MK-D-06	1.9	34	4.8	34.8	0.3	41	0.42	0.153	17	47	0.4	86	0.008
MK-D-07	4.1	78	45.8	137.9	0.2	65	0.7	0.248	27	51	0.38	87	0.01
MK-D-08	4.1	108	130.3	81.6	0.1	66	0.83	0.294	34	70	0.34	110	0.009
MK-D-09	4.6	77	10.9	79.4	0.2	80	0.77	0.217	38	123	0.78	96	0.013
MK-D-10	2.7	59	69	422.8	0.1	104	0.64	0.213	22	181	0.42	94	0.007
MK-E-01	3.1	57	51.7	469.8	0.5	53	0.57	0.171	23	44	0.38	87	0.004
MK-E-02	0.3	37	0.7	6.1	0.3	54	0.34	0.134	18	30	0.43	162	0.01

Soil Sample Descriptions:

Station	B (ppm)	Al (%)	Na (%)	K (%)	W (ppm)	Hg (ppm)	Sc (ppm)	Tl (ppm)	S (%)	Ga (ppm)	Se (ppm)	Pb (%)	Zn (%)
	20	**0.01**	**0.001**	**0.01**	**0.1**	**0.01**	**0.1**	**0.1**	**0.05**	**1**	**0.5**	**0.01**	**0.01**
MK-C-06	<20	1.35	0.009	0.04	0.1	2.45	9.3	<0.1	<0.05	5	0.9	N.A.	N.A.
MK-C-07	<20	0.69	0.008	0.03	0.1	3.03	15.7	0.1	<0.05	2	1	N.A.	N.A.
MK-C-08	<20	0.92	0.009	0.03	<0.1	1.54	14.4	0.2	0.06	3	1.2	N.A.	N.A.
MK-C-09	<20	1.59	0.009	0.04	0.1	1.68	15.8	0.2	<0.05	6	<0.5	N.A.	N.A.
MK-C-10	<20	1.52	0.011	0.04	0.1	1.09	18.9	0.3	0.08	7	0.5	N.A.	N.A.
MK-C-11	<20	1.68	0.009	0.06	0.1	3.23	17.8	0.2	<0.05	7	0.8	N.A.	N.A.
MK-D-01	<20	1.67	0.014	0.05	0.2	0.14	5.4	<0.1	0.07	5	0.7	N.A.	N.A.
MK-D-02	<20	1.48	0.016	0.05	0.1	0.1	1.5	<0.1	0.06	5	0.7	N.A.	N.A.
MK-D-03	<20	1.37	0.007	0.04	<0.1	0.03	3.9	<0.1	<0.05	4	<0.5	N.A.	N.A.
MK-D-04	<20	1.56	0.008	0.03	<0.1	0.28	8.1	<0.1	<0.05	6	<0.5	N.A.	N.A.
MK-D-05	<20	1.16	0.007	0.06	<0.1	0.13	4.5	0.1	<0.05	3	0.6	N.A.	N.A.
MK-D-06	<20	1.02	0.008	0.05	<0.1	0.45	5.8	<0.1	0.05	3	0.7	N.A.	N.A.
MK-D-07	<20	0.71	0.009	0.03	0.1	4.13	11.6	0.1	<0.05	3	0.8	N.A.	N.A.
MK-D-08	<20	0.72	0.008	0.04	<0.1	1.45	17.4	0.2	<0.05	2	1.5	0.23	1.57
MK-D-09	<20	1.34	0.008	0.04	0.1	1.3	14.3	0.2	<0.05	5	0.7	N.A.	N.A.
MK-D-10	<20	0.71	0.006	0.03	0.2	2.98	19.1	0.3	<0.05	3	1	1.7	1.21
MK-E-01	<20	0.88	0.008	0.05	<0.1	2.17	11.5	<0.1	0.05	2	0.7	N.A.	N.A.
MK-E-02	<20	1.27	0.009	0.04	<0.1	0.07	1.6	<0.1	0.11	4	<0.5	N.A.	N.A.

Soil Sample Descriptions:

Station	Easting_ NAD83	Northing_ NAD83	Elevation (m)	Depth (cm)	Colour	Organics	Description	Sampler
MK-E-03	481024	7136043	1538.5	15	Chocolate brown	<5%	Some rock chips, moderate amounts of clay	M. Bindig
MK-E-04	481065	7136013	1539.4	15	Brown	<5%	Rock chips, dry, little soil	M. Bindig
MK-E-05	481108	7135981	1530.8	25	Brown	<5%	Rock chips, dry, little soil	M. Bindig
MK-E-06	481146	7135954	1519	30	Dark brown	<5%	Abundant rock chips, little soil	M. Bindig
MK-E-07	481187	7135928	1507.5	20	Light brown	<20%	Abundant rock chips, little soil, dry	M. Bindig
MK-E-08	481230	7135900	1502.9	30	Red brown	<5%	Abundant rock chips, little soil, rusty	M. Bindig
MK-E-09	481272	7135871	1482.7	30	Chocolate brown	<20%	Rusty rock chips	M. Bindig
MK-E-10	481309	7135842	1476.9	25	Red brown	<5%	Moderate amounts of clay, rusty	M. Bindig
MK-E-11	481353	7135813	1466.4	15	Brown	<20%	Abundant rock chips, little soil, little clay	M. Bindig
MK-E-12	481399	7135783	1450.7	30	Dark brown	<20%	Abundant rock chips, little soil, little clay	M. Bindig
MK-F-01	480970	7136138	1699.2	20	Dark brown	<5%	Little clay, rock chips	M. Bindig
MK-F-02	481009	7136112	1539.7	20	Dark brown	<5%	Rock chips, little soil	M. Bindig
MK-F-03	481051	7136082	1552.4	15	Dark brown	<5%	Slate chips, little soil	M. Bindig
MK-F-04	481093	7136055	1568	20	Dark brown	<5%	Slate chips, little soil	M. Bindig
MK-F-05	481135	7136028	1560.6	20	Chocolate brown	<20%	Little clay, rock chips	M. Bindig
MK-F-06	481178	7135997	1555.5	15	Black brown	<30%	Abundant rock chips, little soil	M. Bindig
MK-F-07	481218	7135967	1541.1	20	Dark brown	<20%	Abundant rock chips, little soil	M. Bindig
MK-F-08	481255	7135938	1525.5	20	Red brown	None	Rusty rock chips	M. Bindig
MK-F-09	481299	7135907	1518.8	15	Dark brown	<30%	Little soil, rock chips	M. Bindig
MK-F-10	481338	7135877	1507	20	Dark brown	<30%	Little soil, rock chips	M. Bindig
MK-F-11	481378	7135849	1486.6	25	Brown	<20%	Moderate amounts of clay, rock chips	M. Bindig
MK-F-12	481421	7135822	1475	30	Light brown	<5%	Abundant rock chips, dry	M. Bindig

Soil Sample Descriptions:

Station	Au (ppm)	Ag (g/t)	Pb (%)	Zn (%)	Cu (%)	As (ppm)	Mo (ppm)	Ni (ppm)	Co (ppm)	Mn (ppm)	Fe (%)	U (ppm)
	0.5	0.1	0.00001	0.0001	0.00001	0.5	0.1	0.1	0.1	1	0.01	0.1
MK-E-03	6	<0.1	0.00436	0.0085	0.00318	30.6	1.2	30.1	12	990	4.11	0.6
MK-E-04	0.9	<0.1	0.00446	0.0106	0.00286	13.2	1.6	28.5	13.8	876	3.55	0.8
MK-E-05	2.6	<0.1	0.0055	0.0096	0.00443	45.2	1.2	38.4	21.3	1341	3.99	0.8
MK-E-06	3.4	<0.1	0.00528	0.0086	0.00288	10.3	1.3	22	16.9	1579	3.3	0.8
MK-E-07	2.8	<0.1	0.00922	0.0248	0.00494	39.5	1.5	51.3	24.8	1700	4.63	0.8
MK-E-08	13.2	3.3	0.66227	0.941	0.02178	147.3	2.8	71.8	19.8	5066	13.01	1.6
MK-E-09	22	1.5	0.16958	0.1629	0.00988	193.5	1.3	127.2	42.1	1692	7.6	0.6
MK-E-10	28.2	3.7	0.36041	0.4086	0.0166	502.6	1	151.7	32.6	1365	6.36	0.7
MK-E-11	23.3	1.6	0.25686	0.659	0.01778	272.2	1.5	214.1	63.9	1910	9.22	0.7
MK-E-12	10	0.6	0.12621	0.235	0.00622	133.8	0.9	142.3	32.2	1168	6.6	0.7
MK-F-01	1.5	0.1	0.00752	0.0138	0.00391	104.3	1.4	53.8	21.9	1436	4.87	0.7
MK-F-02	14.7	4.9	0.36671	0.1438	0.01431	70.7	1.9	44.8	15.2	811	4.75	0.7
MK-F-03	1.8	<0.1	0.0091	0.0128	0.0043	18.6	1.4	26.5	21.3	2051	3.6	0.7
MK-F-04	0.6	<0.1	0.00709	0.0106	0.00469	15.8	1.9	33.1	29.1	2044	4.09	1
MK-F-05	1.2	0.1	0.00363	0.0142	0.00821	65.7	1.4	93.2	41.7	2749	7.87	0.4
MK-F-06	0.9	0.1	0.00346	0.0064	0.00363	9.4	1.6	24.1	16.9	2009	3.99	0.8
MK-F-07	2.6	<0.1	0.00329	0.0066	0.00342	18.8	1	27.1	14.5	913	3.02	0.7
MK-F-08	21.4	1.5	0.37677	0.5176	0.02026	243.1	2.6	130.3	47.3	2201	6.55	0.9
MK-F-09	31.1	3.3	0.09706	0.1035	0.02963	316.3	1.3	62.8	32.5	2453	5.76	1
MK-F-10	6.9	0.9	0.20059	0.203	0.00742	149	1.2	105.8	33.9	1742	6.79	0.8
MK-F-11	4.7	0.2	0.03805	0.2377	0.01095	151.6	1.3	223.3	54	1167	7.51	0.6
MK-F-12	17.5	1.7	0.36074	0.5069	0.01176	276	1.3	187.9	48.9	1801	7.99	0.6

Soil Sample Descriptions:

Station	Th (ppm)	Sr (ppm)	Cd (ppm)	Sb (ppm)	Bi (ppm)	V (ppm)	Ca (%)	P (%)	La (ppm)	Cr (ppm)	Mg (%)	Ba (ppm)	Ti (%)
	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1	1	0.01	1	0.001
MK-E-03	0.4	10	0.5	8	0.3	50	0.07	0.068	9	34	0.21	113	0.015
MK-E-04	0.8	18	0.3	3	0.4	36	0.18	0.078	11	26	0.4	93	0.008
MK-E-05	0.9	13	0.3	5.3	0.5	32	0.1	0.076	11	24	0.31	73	0.013
MK-E-06	0.3	11	0.6	3.4	0.3	39	0.1	0.138	8	26	0.3	96	0.011
MK-E-07	0.8	37	1.3	8.3	0.2	67	0.43	0.174	20	61	0.88	119	0.011
MK-E-08	2.1	37	50.9	193.8	0.2	63	1.05	0.116	29	40	0.5	142	0.01
MK-E-09	1.7	81	10.5	81.7	0.1	82	1.32	0.275	27	111	0.59	81	0.007
MK-E-10	3.5	58	31.4	187.6	0.1	97	0.66	0.157	30	181	1.01	147	0.013
MK-E-11	1.9	59	45.5	136.6	<0.1	186	0.97	0.249	33	317	2.77	161	0.057
MK-E-12	1.4	64	20.1	39.4	0.1	134	0.92	0.197	36	245	1.64	403	0.023
MK-F-01	1.4	33	0.7	6.1	0.3	48	0.31	0.111	16	39	0.43	121	0.008
MK-F-02	1.6	49	14.5	139.3	0.4	47	0.47	0.141	16	30	0.33	106	0.006
MK-F-03	0.5	19	1.4	9.5	0.4	36	0.18	0.111	11	20	0.26	161	0.014
MK-F-04	0.4	16	1	4.2	0.4	46	0.12	0.142	13	33	0.37	208	0.014
MK-F-05	0.8	196	1.5	12.5	<0.1	108	1.92	0.352	45	72	1	143	0.006
MK-F-06	0.6	19	0.3	2	0.3	41	0.21	0.313	7	36	0.37	173	0.007
MK-F-07	1.3	14	0.2	3.4	0.3	39	0.14	0.067	13	25	0.42	69	0.02
MK-F-08	2.1	74	32.8	249.5	0.3	44	0.74	0.223	25	43	0.36	108	0.009
MK-F-09	1.3	48	7.8	208.7	0.3	35	1.21	0.207	11	41	0.34	140	0.006
MK-F-10	1.2	34	15.3	63.1	0.3	50	1.1	0.176	11	96	0.21	106	0.004
MK-F-11	1.2	48	15.4	41.1	<0.1	183	1.13	0.241	41	365	2.47	106	0.012
MK-F-12	1.1	44	33.2	87.7	<0.1	143	1.05	0.208	29	270	1.65	122	0.011

Soil Sample Descriptions:

Station	B (ppm)	Al (%)	Na (%)	K (%)	W (ppm)	Hg (ppm)	Sc (ppm)	Tl (ppm)	S (%)	Ga (ppm)	Se (ppm)	Pb (%)	Zn (%)
	20	**0.01**	**0.001**	**0.01**	**0.1**	**0.01**	**0.1**	**0.1**	**0.05**	**1**	**0.5**	**0.01**	**0.01**
MK-E-03	<20	1.12	0.006	0.04	<0.1	0.04	2.2	<0.1	0.05	4	<0.5	N.A.	N.A.
MK-E-04	<20	1.37	0.006	0.04	<0.1	0.04	1.5	<0.1	<0.05	4	<0.5	N.A.	N.A.
MK-E-05	<20	0.98	0.004	0.04	<0.1	0.07	1.8	<0.1	<0.05	3	<0.5	N.A.	N.A.
MK-E-06	<20	1.13	0.007	0.05	<0.1	0.1	0.8	<0.1	0.11	5	<0.5	N.A.	N.A.
MK-E-07	<20	1.81	0.007	0.05	0.1	0.09	4.2	<0.1	0.07	5	<0.5	N.A.	N.A.
MK-E-08	<20	1.04	0.008	0.03	0.1	0.72	8.7	0.2	0.05	3	0.7	N.A.	N.A.
MK-E-09	<20	1	0.008	0.02	0.2	0.78	14.6	0.1	0.09	4	0.8	N.A.	N.A.
MK-E-10	<20	1.38	0.007	0.03	0.3	3.47	11.3	0.2	<0.05	5	0.7	N.A.	N.A.
MK-E-11	<20	2.53	0.006	0.1	<0.1	3	18.4	0.3	<0.05	9	0.8	N.A.	N.A.
MK-E-12	<20	2.07	0.01	0.06	0.1	0.59	10.5	0.1	0.07	8	<0.5	N.A.	N.A.
MK-F-01	<20	1.23	0.008	0.05	0.1	0.09	3.8	0.1	<0.05	4	<0.5	N.A.	N.A.
MK-F-02	<20	0.86	0.011	0.05	0.1	2.08	6.1	<0.1	0.06	3	<0.5	N.A.	N.A.
MK-F-03	<20	1	0.01	0.06	<0.1	0.06	1.6	<0.1	0.1	3	0.6	N.A.	N.A.
MK-F-04	<20	1.65	0.006	0.06	<0.1	0.05	1.1	0.1	0.12	4	<0.5	N.A.	N.A.
MK-F-05	<20	1.26	0.014	0.02	<0.1	0.12	9.7	<0.1	0.14	4	0.7	N.A.	N.A.
MK-F-06	<20	1.67	0.01	0.04	<0.1	0.05	1.1	<0.1	0.19	5	<0.5	N.A.	N.A.
MK-F-07	<20	1.06	0.005	0.03	0.2	0.15	1.6	<0.1	<0.05	3	<0.5	N.A.	N.A.
MK-F-08	<20	0.72	0.008	0.03	<0.1	1.91	7.7	0.2	0.06	2	0.9	N.A.	N.A.
MK-F-09	<20	1.03	0.008	0.04	<0.1	1.01	4.8	0.1	0.13	3	0.8	N.A.	N.A.
MK-F-10	<20	0.64	0.011	0.04	0.1	0.77	8.4	0.1	0.11	2	0.8	N.A.	N.A.
MK-F-11	<20	2.77	0.008	0.02	0.1	0.7	13.8	0.1	0.08	10	0.5	N.A.	N.A.
MK-F-12	<20	2.08	0.008	0.03	0.1	1.43	16.5	0.1	0.06	7	0.8	N.A.	N.A.

Soil Sample Descriptions:

Station	Easting_ NAD83	Northing_ NAD83	Elevation (m)	Depth (cm)	Colour	Organics	Description	Sampler
MK-G-01	480999	7136179	1699.2	25	Chocolate brown	None	Some clay, rusty	M. Bindig
MK-G-02	481039	7136149	1553.1	20	Dark brown	<5%	Rock chips, little clay	M. Bindig
MK-G-03	481081	7136121	1571.9	30	Black brown	<30%	Abundant rock chips, little soil	M. Bindig
MK-G-04	481123	7136093	1586.5	20	Black brown	<30%	Abundant rock chips, little soil	M. Bindig
MK-G-05	481165	7136068	1595.9	15	Dark brown	<20%	Few rocks, moderate amounts of clay	M. Bindig
MK-G-06	481206	7136035	1584.4	20	Dark brown	<5%	Rock chips, little clay	M. Bindig
MK-G-07	481245	7136005	1570.9	10	Light brown	<30%	Abundant rock chips, little soil	M. Bindig
MK-G-08	481283	7135976	1555	15	Brown	<20%	Rock chips, little soil	M. Bindig
MK-G-09	481326	7135948	1543.3	15	Brown	<20%	Slate chips, little soil	M. Bindig
MK-G-10	481367	7135920	1530.8	10	Red brown	<20%	Rock chips, rusty	M. Bindig
MK-G-11	481407	7135893	1519	20	Dark brown	<20%	Few rocks, dry	M. Bindig
MK-G-12	481450	7135863	1490.6	20	Light brown	<5%	Rock chips, little clay	M. Bindig
MK-G-13	481494	7135839	1470.9	19	Black brown	<30%	Rock chips, little soil	M. Bindig
MK-G-14	481536	7135804	1446.2	15	Brown	<20%	Rock chips, little soil	M. Bindig
MK-G-15	481568	7135774	1420.9	15	Brown	<20%	Rock chips, little soil	M. Bindig
MK-H-01	481028	7136220	1699.2	20	Dark brown	<5%	Rock chips, little clay	M. Bindig
MK-H-02	481067	7136190	0	20	Chocolate brown	None	Rusty, rock chips	M. Bindig
MK-H-03	481109	7136162	1598.3	20	Light brown	<5%	Slate chips, some clay	M. Bindig
MK-H-04	481152	7136138	1616.6	20	Dark brown	<20%	Little soil, abundant rocks	M. Bindig
MK-H-05	481193	7136103	1610.6	20	Dark brown	<20%	Little clay, abundant rock chips	M. Bindig
MK-H-06	481233	7136076	1598.3	20	Dark brown	<5%	Slate chips, little soil	M. Bindig

Soil Sample Descriptions:

Station	Au (ppm)	Ag (g/t)	Pb (%)	Zn (%)	Cu (%)	As (ppm)	Mo (ppm)	Ni (ppm)	Co (ppm)	Mn (ppm)	Fe (%)	U (ppm)
	0.5	0.1	0.00001	0.0001	0.00001	0.5	0.1	0.1	0.1	1	0.01	0.1
MK-G-01	13.9	2.8	0.25434	0.4407	0.02402	165.5	1.6	116.8	32.9	1488	7.2	1
MK-G-02	2.9	<0.1	0.01305	0.0115	0.0035	14.4	1.2	26.5	16.1	1194	3.91	0.8
MK-G-03	2.2	0.5	0.04479	0.0296	0.00663	25.2	1.5	44.7	19.4	1225	3.79	0.5
MK-G-04	1.3	0.1	0.01012	0.0134	0.00627	22.9	6	49.1	32.2	2510	4.95	0.9
MK-G-05	3.4	<0.1	0.00267	0.0092	0.00518	17.4	1.6	44.6	23.3	1040	3.79	0.7
MK-G-06	1.4	<0.1	0.00274	0.0079	0.00431	21.7	2.8	41.6	19.4	987	5.1	0.8
MK-G-07	4.1	<0.1	0.00331	0.0077	0.00253	51.8	2.2	17.8	8.6	1000	2.87	0.5
MK-G-08	2.7	<0.1	0.00343	0.0079	0.00358	11.9	1.4	21.4	12.3	1245	3.23	0.9
MK-G-09	1.7	0.2	0.01273	0.0449	0.0058	21.5	1.2	37.7	31.1	3123	4.52	1
MK-G-10	43.9	1	0.35718	>1.0000	0.02089	491.1	1.9	176.2	51.8	2176	8.03	1
MK-G-11	3.2	0.7	0.09593	0.1155	0.00799	54.4	0.8	108.9	28.8	905	4.51	0.6
MK-G-12	8.6	2.3	0.32709	0.4262	0.0084	243.7	0.8	106.3	29.6	1786	5.36	0.5
MK-G-13	8.2	1.5	0.45766	0.9605	0.02156	292.5	1.2	102.2	30.5	2768	6.02	0.5
MK-G-14	4.1	0.5	0.07534	0.0401	0.00366	75.9	0.9	50.6	19	772	4.12	0.6
MK-G-15	22.2	1	0.10289	0.0805	0.00869	141.7	1.1	80.5	31	1089	5.65	0.5
MK-H-01	2.1	<0.1	0.00445	0.0078	0.00287	19.6	1	38.7	14.6	755	3.88	0.6
MK-H-02	20.1	4	0.48399	>1.0000	0.04655	219.9	2.1	164.1	52.3	1699	7.13	0.8
MK-H-03	2.4	<0.1	0.00559	0.0073	0.00268	11.5	1.6	20.1	13	967	4.9	1
MK-H-04	9.2	0.2	0.01592	0.0186	0.00607	98.1	1.7	47.7	23.1	1652	6.13	0.7
MK-H-05	2.9	0.1	0.00186	0.0111	0.0035	29.6	1.5	37.8	20	937	3.75	0.8
MK-H-06	9.8	<0.1	0.00321	0.0098	0.00239	17.9	2	24.4	11.1	542	3.76	0.6

Soil Sample Descriptions:

Station	Th (ppm)	Sr (ppm)	Cd (ppm)	Sb (ppm)	Bi (ppm)	V (ppm)	Ca (%)	P (%)	La (ppm)	Cr (ppm)	Mg (%)	Ba (ppm)	Ti (%)
	0.1	**1**	**0.1**	**0.1**	**0.1**	**2**	**0.01**	**0.001**	**1**	**1**	**0.01**	**1**	**0.001**
MK-G-01	3.3	54	58.5	250.1	0.3	48	0.66	0.169	17	75	0.31	86	0.006
MK-G-02	1.2	8	1.7	18	0.4	32	0.07	0.077	12	22	0.31	56	0.013
MK-G-03	0.7	153	3.9	32.2	0.1	59	1.77	0.181	30	40	0.69	135	0.011
MK-G-04	1.8	31	1	6.4	0.4	80	0.25	0.185	27	56	1.11	401	0.021
MK-G-05	2.7	50	0.7	2.6	0.2	72	0.42	0.113	31	47	0.97	215	0.02
MK-G-06	1.4	47	0.3	1.8	0.3	64	0.41	0.144	20	40	0.64	151	0.011
MK-G-07	0.2	31	0.4	6.3	0.3	43	0.3	0.086	9	18	0.21	163	0.013
MK-G-08	0.2	16	0.8	2.2	0.3	59	0.14	0.156	14	35	0.36	144	0.011
MK-G-09	1.7	17	3.4	17.4	0.5	22	0.3	0.139	9	19	0.28	133	0.006
MK-G-10	0.6	30	128.7	178.9	0.1	54	0.84	0.181	13	115	0.19	97	0.007
MK-G-11	1.3	41	11.4	39.4	0.1	109	0.93	0.116	34	192	1.47	133	0.015
MK-G-12	1.4	44	35.9	93.7	0.2	90	0.93	0.155	21	139	1.3	221	0.02
MK-G-13	0.4	61	124	119.2	<0.1	78	1.92	0.168	15	113	0.54	226	0.008
MK-G-14	0.8	55	2.5	17.2	0.2	71	1.05	0.135	14	77	0.86	219	0.014
MK-G-15	2.4	55	4.8	38.3	0.1	118	0.77	0.193	27	127	1.47	199	0.026
MK-H-01	0.7	37	0.4	1.9	0.2	76	0.44	0.106	26	70	0.74	130	0.013
MK-H-02	4.2	79	114	463.3	0.4	54	0.76	0.262	21	85	0.29	68	0.006
MK-H-03	2.5	8	0.5	2.4	0.4	45	0.05	0.076	11	24	0.24	53	0.021
MK-H-04	1	83	1.1	27.5	0.3	93	0.66	0.221	48	45	0.82	196	0.012
MK-H-05	1.3	42	0.5	1.9	0.3	57	0.39	0.109	15	34	0.57	243	0.014
MK-H-06	0.8	12	0.5	1.4	0.4	46	0.09	0.055	11	28	0.44	133	0.022

Soil Sample Descriptions:

Station	B (ppm)	Al (%)	Na (%)	K (%)	W (ppm)	Hg (ppm)	Sc (ppm)	Tl (ppm)	S (%)	Ga (ppm)	Se (ppm)	Pb (%)	Zn (%)
	20	**0.01**	**0.001**	**0.01**	**0.1**	**0.01**	**0.1**	**0.1**	**0.05**	**1**	**0.5**	**0.01**	**0.01**
MK-G-01	<20	0.75	0.008	0.04	<0.1	4.72	11.7	0.1	<0.05	2	1.3	N.A.	N.A.
MK-G-02	<20	1.1	0.005	0.04	<0.1	0.06	1.2	<0.1	0.05	4	0.5	N.A.	N.A.
MK-G-03	<20	1.13	0.013	0.04	<0.1	0.28	4.6	<0.1	0.2	4	0.8	N.A.	N.A.
MK-G-04	<20	2.23	0.01	0.04	<0.1	0.06	5.9	0.1	0.12	7	0.7	N.A.	N.A.
MK-G-05	<20	1.7	0.008	0.03	0.2	0.03	6.6	<0.1	<0.05	5	0.6	N.A.	N.A.
MK-G-06	<20	1.66	0.008	0.04	0.1	0.03	5.1	<0.1	0.06	5	0.7	N.A.	N.A.
MK-G-07	<20	0.86	0.011	0.04	0.1	0.03	0.9	0.1	0.07	5	<0.5	N.A.	N.A.
MK-G-08	<20	1.54	0.009	0.05	<0.1	0.03	0.9	<0.1	0.11	5	0.6	N.A.	N.A.
MK-G-09	<20	1.36	0.008	0.08	<0.1	0.39	2.1	<0.1	0.07	3	0.6	N.A.	N.A.
MK-G-10	<20	0.51	0.009	0.03	<0.1	1.38	15.7	0.1	0.1	2	1.2	0.38	1.42
MK-G-11	<20	2.04	0.008	0.03	0.3	0.34	7.2	<0.1	0.06	7	0.5	N.A.	N.A.
MK-G-12	<20	1.51	0.009	0.04	0.3	1.81	12.2	0.1	<0.05	5	<0.5	N.A.	N.A.
MK-G-13	<20	0.9	0.014	0.04	<0.1	0.77	7.1	0.2	0.16	3	0.9	N.A.	N.A.
MK-G-14	<20	1.55	0.007	0.03	0.2	0.19	3.8	<0.1	0.07	5	0.6	N.A.	N.A.
MK-G-15	<20	1.77	0.007	0.03	0.2	0.52	12.8	<0.1	<0.05	6	0.9	N.A.	N.A.
MK-H-01	<20	1.8	0.007	0.03	0.1	0.06	2.4	<0.1	<0.05	7	<0.5	N.A.	N.A.
MK-H-02	<20	0.51	0.006	0.03	<0.1	15.36	11.1	0.2	0.07	2	1.5	0.48	1.15
MK-H-03	<20	1.38	0.004	0.04	0.1	0.07	1.7	0.1	<0.05	6	0.8	N.A.	N.A.
MK-H-04	<20	1.87	0.009	0.03	<0.1	0.16	5.1	0.1	0.06	6	0.7	N.A.	N.A.
MK-H-05	<20	1.85	0.009	0.03	0.2	0.04	3.3	0.1	<0.05	5	0.6	N.A.	N.A.
MK-H-06	<20	1.65	0.006	0.05	0.2	0.04	1.6	0.1	<0.05	5	0.5	N.A.	N.A.

Soil Sample Descriptions:

Station	Easting_ NAD83	Northing_ NAD83	Elevation (m)	Depth (cm)	Colour	Organics	Description	Sampler
MK-H-07	481271	7136047	1583.6	15	Light brown	<5%	Moderate amounts of clay, abundant rock chips	M. Bindig
MK-H-08	481314	7136021	1568.5	15	Light brown	<5%	Moderate amounts of clay, abundant rock chips	M. Bindig
MK-H-09	481354	7135993	1554.1	15	Brown	<20%	Abundant rock chips, little soil	M. Bindig
MK-H-10	481396	7135962	1544.5	15	Light brown	<5%	Abundant rock chips, little soil	M. Bindig
MK-H-11	481434	7135932	1521.6	15	Light brown	<5%	Rusty, rock chips	M. Bindig
MK-H-12	481478	7135901	1504.3	20	Light brown	<5%	Abundant rock chips, some clay	M. Bindig
MK-H-13	481520	7135875	1484.6	15	Light brown	<5%	Rock chips, dry	M. Bindig
MK-H-14	481562	7135847	1451.7	20	Light brown	<5%	Rock chips, dry	M. Bindig
MK-H-15	481600	7135817	1426	20	Dark brown	<20%	Little clay, small rock chips, dry	M. Bindig
MK-H-16	481642	7135785	1699.2	30	Dark brown	<20%	Little clay, small rock chips, dry	M. Bindig
MK-I-01	481057	7136261	1699.2	20	Dark brown	<5%	Rock chips, boulders	M. Bindig
MK-I-02	481097	7136227	1580.5	15	Light brown	<5%	Rock chips, little clay	M. Bindig
MK-I-03	481137	7136200	1602.6	15	Rusty brown	None	Abundant rock chips, little soil	M. Bindig
MK-I-04	481179	7136175	1607.4	30	Dark brown	<5%	Abundant slate rock chips	M. Bindig
MK-I-05	481219	7136143	1601.9	20	Dark brown	None	Slate rock chips, little soil	M. Bindig
MK-I-06	481257	7136108	1585.3	20	Dark brown	None	Slate rock chips, little soil	M. Bindig
MK-I-07	481300	7136083	1565.4	15	Dark brown	None	Slate rock chips, little soil	M. Bindig
MK-I-08	481344	7136055	1551.7	15	Brown	<5%	Little soil, abundant rock chips	M. Bindig
MK-I-09	481383	7136026	1535.1	10	Dark brown	<20%	Little soil, abundant rock chips	M. Bindig
MK-I-10	481425	7135998	1523.6	10	Dark brown	<30%	Moderate amounts of clay, little soil	M. Bindig

Soil Sample Descriptions:

Station	Au (ppm)	Ag (g/t)	Pb (%)	Zn (%)	Cu (%)	As (ppm)	Mo (ppm)	Ni (ppm)	Co (ppm)	Mn (ppm)	Fe (%)	U (ppm)
	0.5	**0.1**	**0.00001**	**0.0001**	**0.00001**	**0.5**	**0.1**	**0.1**	**0.1**	**1**	**0.01**	**0.1**
MK-H-07	101.5	0.9	0.0321	0.0722	0.01418	977.2	3.9	201.8	101.5	6218	13.98	0.5
MK-H-08	17.1	<0.1	0.0036	0.0061	0.00285	15.2	4.4	24.5	13.9	968	3.46	0.6
MK-H-09	1.5	<0.1	0.00566	0.0198	0.00435	14.7	2.1	41.9	21.7	2024	4.23	0.8
MK-H-10	7.7	0.3	0.07655	0.2611	0.01159	43.5	1.3	285.9	70.2	2364	9.14	0.7
MK-H-11	5.3	0.3	0.04856	0.1752	0.01378	110.5	1.5	162.4	68	2559	8.95	0.7
MK-H-12	47.2	9.1	>1.00000	>1.0000	0.06911	945.5	1.9	155.7	50.5	4014	8.12	0.8
MK-H-13	7.8	0.5	0.07851	0.1587	0.00661	554	1.1	104	40.1	1784	7.07	0.6
MK-H-14	8.8	0.2	0.01329	0.2527	0.01479	384.4	1.9	362.3	123.2	2678	9.96	0.6
MK-H-15	4.2	0.4	0.03949	0.0856	0.01323	51.8	0.7	98.3	31.9	1363	4.5	0.4
MK-H-16	8.5	0.2	0.03304	0.0526	0.00576	116.6	1.8	62.9	22.3	1053	5.71	0.6
MK-I-01	2.5	<0.1	0.00227	0.0077	0.00416	16	0.9	44.7	19.3	2226	3.57	1
MK-I-02	2	<0.1	0.00253	0.0072	0.00345	15.9	1.2	43.1	14.5	543	3.5	0.7
MK-I-03	20.9	4.9	0.48969	>1.0000	0.07778	265.9	1.6	177.6	47.1	1931	8.15	0.7
MK-I-04	2.1	<0.1	0.0085	0.0101	0.00518	19.2	1.1	34.5	34.6	2605	4.95	1.4
MK-I-05	2.6	0.2	0.00971	0.0205	0.00625	33.2	1.9	51.5	35.6	1442	5.51	1.4
MK-I-06	4	0.1	0.00428	0.0128	0.0057	24.8	4.1	58.3	33	1916	5.05	1.1
MK-I-07	165.8	0.3	0.0293	0.055	0.00719	497.4	4	114.1	60.4	2144	8.39	0.8
MK-I-08	652.6	0.6	0.02474	0.0395	0.01357	289.7	2.5	72	36	2001	6.49	1
MK-I-09	5.7	0.2	0.0074	0.016	0.01078	132.7	3.6	136.9	52.7	4085	9.21	1.1
MK-I-10	52.6	3.3	0.33002	>1.0000	0.03429	509	3.1	109.8	38.2	3793	7.8	0.9

Soil Sample Descriptions:

Station	Th (ppm)	Sr (ppm)	Cd (ppm)	Sb (ppm)	Bi (ppm)	V (ppm)	Ca (%)	P (%)	La (ppm)	Cr (ppm)	Mg (%)	Ba (ppm)	Ti (%)
	0.1	**1**	**0.1**	**0.1**	**0.1**	**2**	**0.01**	**0.001**	**1**	**1**	**0.01**	**1**	**0.001**
MK-H-07	1.6	246	6.2	94	0.3	48	1.98	0.284	19	32	0.48	84	0.007
MK-H-08	2.6	10	0.2	1.8	0.2	42	0.09	0.046	13	31	0.3	76	0.028
MK-H-09	0.9	15	0.4	3.1	0.4	35	0.19	0.09	12	24	0.32	113	0.016
MK-H-10	1.4	42	22.7	20.5	<0.1	231	1.06	0.267	53	461	2.07	89	0.009
MK-H-11	2.2	57	11.6	63	0.1	189	1.08	0.237	73	179	1.75	183	0.024
MK-H-12	2	48	210.1	654.9	0.1	103	1.21	0.21	21	135	0.54	125	0.011
MK-H-13	1.5	49	14.9	50.1	0.1	115	0.8	0.098	24	105	1.23	444	0.048
MK-H-14	1.8	52	13.5	36.1	<0.1	229	0.91	0.299	33	477	1.99	202	0.017
MK-H-15	0.7	57	8.3	10.5	0.1	90	1.25	0.132	26	152	1.52	144	0.015
MK-H-16	0.5	40	6.7	14.4	0.2	93	0.77	0.124	16	93	0.82	260	0.032
MK-I-01	1.2	85	0.7	1.4	0.2	62	1.07	0.139	39	58	0.66	287	0.019
MK-I-02	1	14	0.2	1.6	0.2	54	0.15	0.078	15	53	0.52	111	0.019
MK-I-03	3	103	178.9	632.6	0.3	52	1.02	0.248	17	80	0.34	95	0.009
MK-I-04	3.1	11	0.5	3.5	0.5	27	0.05	0.14	10	35	0.45	63	0.007
MK-I-05	8.6	74	1	4.8	0.4	49	0.41	0.169	38	28	0.69	140	0.01
MK-I-06	1.7	93	1	3.4	0.3	99	0.71	0.187	33	61	1.22	217	0.015
MK-I-07	3.1	141	4.7	54.5	0.3	37	1.22	0.237	23	19	0.45	101	0.01
MK-I-08	5.2	36	2.9	64.1	0.8	18	0.19	0.074	17	15	0.14	125	0.004
MK-I-09	2.3	73	0.8	16.8	0.4	77	0.99	0.205	24	73	0.41	178	0.003
MK-I-10	1.3	46	107.4	436.6	0.3	21	0.88	0.121	9	19	0.16	82	0.004

Soil Sample Descriptions:

Station	B (ppm)	Al (%)	Na (%)	K (%)	W (ppm)	Hg (ppm)	Sc (ppm)	Tl (ppm)	S (%)	Ga (ppm)	Se (ppm)	Pb (%)	Zn (%)
	20	**0.01**	**0.001**	**0.01**	**0.1**	**0.01**	**0.1**	**0.1**	**0.05**	**1**	**0.5**	**0.01**	**0.01**
MK-H-07	<20	0.46	0.01	0.03	<0.1	0.57	23.3	0.1	0.1	1	1.1	N.A.	N.A.
MK-H-08	<20	1.37	0.005	0.02	0.2	0.06	2.2	<0.1	<0.05	4	<0.5	N.A.	N.A.
MK-H-09	<20	1.43	0.011	0.05	<0.1	0.1	2.6	0.1	0.05	4	0.7	N.A.	N.A.
MK-H-10	<20	2.21	0.006	0.02	0.2	0.59	24.2	0.1	0.05	8	1.1	N.A.	N.A.
MK-H-11	<20	2.25	0.01	0.02	<0.1	0.64	17.6	0.2	<0.05	9	1	N.A.	N.A.
MK-H-12	<20	0.79	0.005	0.03	0.1	12.4	14.4	0.3	<0.05	3	1.3	1.95	2.24
MK-H-13	<20	1.81	0.008	0.05	0.1	0.4	13.3	0.3	<0.05	6	0.6	N.A.	N.A.
MK-H-14	<20	2.16	0.005	0.02	0.2	0.88	25.3	0.4	<0.05	9	0.7	N.A.	N.A.
MK-H-15	<20	2	0.012	0.03	<0.1	0.17	10	<0.1	0.07	6	0.9	N.A.	N.A.
MK-H-16	<20	1.5	0.009	0.03	0.1	0.12	5	0.1	<0.05	7	0.5	N.A.	N.A.
MK-I-01	<20	1.65	0.011	0.04	0.2	0.06	3.5	<0.1	0.05	5	0.8	N.A.	N.A.
MK-I-02	<20	1.65	0.008	0.03	0.1	0.05	2.3	<0.1	<0.05	5	0.6	N.A.	N.A.
MK-I-03	<20	0.51	0.01	0.04	<0.1	15.53	13.6	0.2	<0.05	2	1.9	0.5	2.06
MK-I-04	<20	1.99	0.007	0.04	<0.1	0.11	1.7	<0.1	0.06	5	0.5	N.A.	N.A.
MK-I-05	<20	1.33	0.006	0.06	0.1	0.16	5.8	<0.1	<0.05	5	0.5	N.A.	N.A.
MK-I-06	<20	2.11	0.011	0.04	0.1	0.1	7.7	<0.1	0.07	7	<0.5	N.A.	N.A.
MK-I-07	<20	0.45	0.006	0.04	0.3	0.25	9	<0.1	<0.05	2	<0.5	N.A.	N.A.
MK-I-08	<20	0.36	0.003	0.05	<0.1	0.57	6.9	0.2	<0.05	1	1.4	N.A.	N.A.
MK-I-09	<20	0.98	0.009	0.04	<0.1	0.37	15.7	0.2	0.1	3	1	N.A.	N.A.
MK-I-10	<20	0.42	0.011	0.05	<0.1	14.56	8	0.1	0.09	2	0.8	0.32	1.25

Soil Sample Descriptions:

Station	Easting_ NAD83	Northing_ NAD83	Elevation (m)	Depth (cm)	Colour	Organics	Description	Sampler
MK-I-11	481461	7135973	1516.4	10	Black brown	<30%	No rocks, between boulders	M. Bindig
MK-I-12	481501	7135935	1517.6	20	Black brown	<20%	Dry, no rocks, no clay	M. Bindig
MK-I-13	481547	7135914	1490.6	20	Dark brown	<5%	No rocks, moderate amounts of clay	M. Bindig
MK-I-14	481591	7135886	1469.2	15	Dark brown	<5%	No rocks, moderate amounts of clay	M. Bindig
MK-I-15	481629	7135855	1441.4	20	Dark brown	<20%	Dry, rock chips abundant	M. Bindig
MK-I-16	481671	7135827	1699.2	20	Dark brown	<20%	Small rock chips, dry	M. Bindig
MK-J-01	481086	7136302	1699.2	20	Dark Brown	<20%	Moderate amounts of clay, rock chips	M. Bindig
MK-J-02	481126	7136275	1600	20	Grey	<20%	Slate chips, moderate amounts of clay	M. Bindig
MK-J-03	481167	7136247	1594	20	Chocolate brown	<5%	Rock chips, little clay	M. Bindig
MK-J-04	481208	7136221	1585.1	30	Grey	None	Slate chips, moderate amounts of clay	M. Bindig
MK-J-05	481251	7136189	1553.8	20	Dark Brown	<20%	Little soil, abundant rock chips	M. Bindig
MK-J-06	481290	7136157	1537	10	Black brown	<30%	Little soil, abundant rock chips	M. Bindig
MK-J-07	481332	7136127	1525.5	20	Dark Brown	<20%	Little soil, abundant rock chips	M. Bindig
MK-J-08	481373	7136099	1499.3	20	Dark Brown	<20%	Little soil, abundant rock chips	M. Bindig
MK-J-09	481414	7136069	1489	20	Light brown	<5%	Little soil, abundant rock chips	M. Bindig
MK-J-10	481457	7136045	1472.9	20	Light brown	<5%	Little soil, abundant rock chips	M. Bindig
MK-J-11	481496	7136011	1474.8	15	Brown	<5%	Rock chips, between boulders	M. Bindig
MK-J-12	481534	7135978	1476.2	15	Light brown	<5%	Rock chips, between boulders	M. Bindig
MK-J-13	481576	7135956	1462.3	20	Dark Brown	<30%	Few rocks, between boulders	M. Bindig
MK-J-14	481616	7135927	1451.7	15	Light brown	<20%	Moderate amounts of clay, boulders	M. Bindig

Soil Sample Descriptions:

Station	Au (ppm)	Ag (g/t)	Pb (%)	Zn (%)	Cu (%)	As (ppm)	Mo (ppm)	Ni (ppm)	Co (ppm)	Mn (ppm)	Fe (%)	U (ppm)
	0.5	0.1	0.00001	0.0001	0.00001	0.5	0.1	0.1	0.1	1	0.01	0.1
MK-I-11	2	<0.1	0.00257	0.01	0.00473	6.7	0.5	39.5	15.3	582	1.95	0.3
MK-I-12	1.5	0.1	0.00434	0.0091	0.0121	12.5	0.5	64.7	28.5	1997	4.11	0.3
MK-I-13	294	0.9	0.1005	0.1602	0.01172	367.9	1.5	78.5	29.8	1732	6.19	0.6
MK-I-14	15	0.7	0.09655	0.1274	0.01308	319.4	1.3	134	43.3	1875	7.22	0.4
MK-I-15	67.6	0.4	0.03805	0.0641	0.00629	288.2	3.4	90.9	29.3	1941	7.15	0.8
MK-I-16	14.3	0.2	0.03319	0.048	0.00457	100.1	1.4	76.2	17.5	717	5.01	0.7
MK-J-01	1.2	<0.1	0.00337	0.0072	0.00465	20.4	0.9	29.5	14.6	709	3.42	0.5
MK-J-02	0.8	<0.1	0.00721	0.0099	0.00616	27.7	0.9	40.7	42.7	861	3.99	0.8
MK-J-03	<0.5	<0.1	0.00522	0.0076	0.00413	13	1.4	22.5	12.8	629	3.7	1
MK-J-04	1	<0.1	0.0047	0.0103	0.00527	18.5	1.2	51.7	23.6	1032	5.11	1
MK-J-05	1.9	0.1	0.00503	0.0086	0.00561	21.6	1.3	48.1	30.9	1912	4.22	1
MK-J-06	1.4	<0.1	0.00167	0.0043	0.00237	16.1	1.1	19.3	11.1	1317	2.04	0.3
MK-J-07	1.4	0.1	0.00839	0.0175	0.00883	20.2	15.9	83.8	44.3	2582	7.5	1
MK-J-08	13	<0.1	0.00807	0.0145	0.00486	144.3	1.7	63.1	22.1	892	6.31	0.8
MK-J-09	9.3	0.2	0.0066	0.024	0.00778	178.9	1.3	135.3	50.8	2285	9.47	0.9
MK-J-10	8.6	0.3	0.0233	0.0614	0.00697	144.4	1.5	107.9	37.1	2491	7.9	0.7
MK-J-11	54.5	0.2	0.02367	0.1177	0.007	112.5	1.4	94.5	45.3	3610	8.76	0.7
MK-J-12	54.4	0.5	0.04493	0.2322	0.00968	266.1	1.4	93.2	42.5	1958	6.68	0.5
MK-J-13	<0.5	<0.1	0.00543	0.0225	0.00345	13.4	0.5	40.5	25.8	1387	6.05	0.8
MK-J-14	6.4	0.2	0.01902	0.087	0.00813	104.9	1	134.1	41.6	1383	7.98	0.7

Soil Sample Descriptions:

Station	Th (ppm)	Sr (ppm)	Cd (ppm)	Sb (ppm)	Bi (ppm)	V (ppm)	Ca (%)	P (%)	La (ppm)	Cr (ppm)	Mg (%)	Ba (ppm)	Ti (%)
	0.1	**1**	**0.1**	**0.1**	**0.1**	**2**	**0.01**	**0.001**	**1**	**1**	**0.01**	**1**	**0.001**
MK-I-11	0.2	92	0.8	3.4	<0.1	45	2.61	0.121	13	38	0.56	629	0.038
MK-I-12	0.4	107	0.8	2.3	<0.1	105	3.62	0.196	40	110	1.5	838	0.017
MK-I-13	2.9	46	8.2	56.3	0.2	101	0.57	0.158	30	85	1.06	255	0.032
MK-I-14	2.8	68	6	76.5	0.1	121	0.9	0.2	24	160	1.87	539	0.046
MK-I-15	1.5	48	4.5	25	0.2	49	0.79	0.165	21	57	0.55	167	0.011
MK-I-16	0.3	19	3	12	0.3	61	0.29	0.11	14	62	0.35	156	0.012
MK-J-01	1.2	13	0.1	0.4	0.4	53	0.16	0.082	22	47	0.77	91	0.016
MK-J-02	9.1	11	<0.1	0.6	0.4	26	0.14	0.086	44	30	0.67	41	0.013
MK-J-03	0.8	7	0.2	0.5	0.5	46	0.06	0.064	32	29	0.44	58	0.018
MK-J-04	8.7	13	<0.1	1.3	0.6	31	0.16	0.075	31	50	0.64	49	0.002
MK-J-05	3.3	52	0.2	2.7	0.6	21	0.9	0.111	13	24	0.39	127	0.007
MK-J-06	0.3	124	0.2	1.9	0.2	20	2.2	0.139	13	13	0.43	90	0.006
MK-J-07	5.3	93	1.4	7.1	0.3	129	0.74	0.271	44	82	1.62	143	0.027
MK-J-08	1.4	146	0.6	14.8	0.3	34	1.47	0.213	17	23	0.36	70	0.008
MK-J-09	2.5	103	0.8	16.8	0.2	112	1.11	0.244	36	82	0.63	126	0.007
MK-J-10	2.1	67	4.1	26.5	0.2	97	0.89	0.191	23	87	0.42	123	0.007
MK-J-11	3	147	6.2	26.7	<0.1	144	1.06	0.35	57	117	1.71	369	0.059
MK-J-12	2.9	97	17.5	47.2	0.1	126	0.98	0.226	50	89	1.29	221	0.051
MK-J-13	1.5	151	1.9	3	<0.1	124	1.47	0.216	45	63	1.93	197	0.112
MK-J-14	1.9	69	6	13.1	0.1	170	1.1	0.247	55	154	1.31	318	0.018

Soil Sample Descriptions:

Station	B (ppm)	Al (%)	Na (%)	K (%)	W (ppm)	Hg (ppm)	Sc (ppm)	Tl (ppm)	S (%)	Ga (ppm)	Se (ppm)	Pb (%)	Zn (%)
	20	**0.01**	**0.001**	**0.01**	**0.1**	**0.01**	**0.1**	**0.1**	**0.05**	**1**	**0.5**	**0.01**	**0.01**
MK-I-11	<20	0.87	0.016	0.04	<0.1	0.2	1.2	0.1	0.22	3	<0.5	N.A.	N.A.
MK-I-12	<20	1.87	0.01	0.04	0.1	0.08	3	<0.1	0.18	6	0.6	N.A.	N.A.
MK-I-13	<20	1.5	0.009	0.03	0.2	1.5	10.7	0.2	<0.05	5	0.6	N.A.	N.A.
MK-I-14	<20	1.78	0.009	0.07	0.1	0.52	12	0.1	<0.05	7	<0.5	N.A.	N.A.
MK-I-15	<20	1.23	0.012	0.03	<0.1	0.25	9.2	0.1	0.06	3	0.8	N.A.	N.A.
MK-I-16	<20	1.66	0.006	0.03	<0.1	0.22	2.8	0.1	<0.05	6	<0.5	N.A.	N.A.
MK-J-01	<20	1.64	0.006	0.03	<0.1	0.04	2.2	<0.1	0.07	6	<0.5	N.A.	N.A.
MK-J-02	<20	1.8	0.003	0.03	<0.1	0.03	2.2	<0.1	<0.05	6	<0.5	N.A.	N.A.
MK-J-03	<20	1.83	0.006	0.03	<0.1	0.04	1.1	<0.1	<0.05	6	0.5	N.A.	N.A.
MK-J-04	<20	1.86	0.004	0.03	<0.1	0.12	3.8	<0.1	<0.05	6	<0.5	N.A.	N.A.
MK-J-05	<20	1.17	0.013	0.04	<0.1	0.08	3.4	<0.1	0.1	3	<0.5	N.A.	N.A.
MK-J-06	<20	0.53	0.019	0.03	0.1	0.17	1	<0.1	0.23	2	<0.5	N.A.	N.A.
MK-J-07	<20	2.36	0.01	0.07	<0.1	0.15	11.2	0.2	0.07	8	0.6	N.A.	N.A.
MK-J-08	<20	0.73	0.019	0.05	<0.1	0.11	6.4	<0.1	0.13	2	<0.5	N.A.	N.A.
MK-J-09	<20	1.05	0.009	0.04	<0.1	0.65	14.1	0.2	0.09	5	0.7	N.A.	N.A.
MK-J-10	<20	0.74	0.012	0.05	<0.1	0.46	11.8	0.1	0.09	3	0.8	N.A.	N.A.
MK-J-11	<20	1.97	0.006	0.05	0.1	0.49	9.4	0.2	<0.05	10	<0.5	N.A.	N.A.
MK-J-12	<20	1.6	0.008	0.03	<0.1	2.08	7.1	0.1	<0.05	7	0.5	N.A.	N.A.
MK-J-13	<20	2.79	0.01	0.05	<0.1	0.07	4.1	0.1	0.1	12	<0.5	N.A.	N.A.
MK-J-14	<20	1.87	0.01	0.03	<0.1	0.55	15.4	0.1	0.07	7	0.8	N.A.	N.A.

Soil Sample Descriptions:

Station	Easting_ NAD83	Northing_ NAD83	Elevation (m)	Depth (cm)	Colour	Organics	Description	Sampler
MK-J-15	481658	7135895	1444.5	15	Chocolate brown	<20%	Rock chips, little clay	M. Bindig
MK-J-16	481700	7135868	1699.2	15	Light brown	<5%	Sandy, little clay	M. Bindig
MK-K-01	481115	7136343	1699.2	20	Dark brown	<20%	No clay, dry	M. Bindig
MK-K-02	481164	7136325	1615.6	20	Dark brown	<5%	Rock chips, dry	M. Bindig
MK-K-03	481203	7136293	1594	20	Dark brown	<5%	Rock chips, dry	M. Bindig
MK-K-04	481242	7136263	1565.6	20	Light brown	<5%	Slate chips, little clay	M. Bindig
MK-K-05	481282	7136236	1541.8	20	Grey	<5%	Clay rich, rock chips	M. Bindig
MK-K-06	481327	7136205	1514.9	30	Grey	<20%	Slate slope, abundant rock chips	M. Bindig
MK-K-07	481365	7136176	1501.7	20	Dark brown	<20%	Abundant rock chips, some clay	M. Bindig
MK-K-08	481410	7136141	1480.8	5	Light brown	<35%	Abundant clay, some rock chips, no soil below	M. Bindig
MK-K-09	481446	7136114	1465.2	20	Chocolate brown	<20%	Abundant clay, some rock chips	M. Bindig
MK-K-10	481485	7136081	1457.7	30	Black-brown	<35%	Moderate clay, between boulders	M. Bindig
MK-K-11	481530	7136055	1449.1	20	Red brown	None	Close to vein float	M. Bindig
MK-K-12	481569	7136025	1440.2	20	Red brown	<5%	Lots of rock chips, rusty	M. Bindig
MK-K-13	481611	7135991	1435.6	15	Dark brown	<20%	Lots of rock chips, boulders	M. Bindig
MK-K-14	481650	7135970	1429.1	15	Light brown	<5%	Vein float, rusty	M. Bindig
MK-K-15	481687	7135936	1418.8	15	Dark brown	None	Lots of rock chips, boulders	M. Bindig
MK-K-16	481730	7135909	1699.2	15	Dark brown	<20%	Little soil, abundant rocks	M. Bindig

Soil Sample Descriptions:

Station	Au (ppm)	Ag (g/t)	Pb (%)	Zn (%)	Cu (%)	As (ppm)	Mo (ppm)	Ni (ppm)	Co (ppm)	Mn (ppm)	Fe (%)	U (ppm)
	0.5	**0.1**	**0.00001**	**0.0001**	**0.00001**	**0.5**	**0.1**	**0.1**	**0.1**	**1**	**0.01**	**0.1**
MK-J-15	0.7	<0.1	0.00235	0.0067	0.00152	10.7	1.5	15.2	5	280	2.59	0.5
MK-J-16	1.2	<0.1	0.00165	0.006	0.00233	12	1.1	24.5	9.6	396	3.22	0.9
MK-K-01	0.8	<0.1	0.00125	0.0076	0.00617	22.8	1	39	36.6	893	3.51	0.5
MK-K-02	1.2	<0.1	0.00463	0.0064	0.00327	13.2	1	23.3	14.8	507	3.04	0.6
MK-K-03	1.8	<0.1	0.00451	0.0075	0.00446	14.9	1	32.3	20.9	1445	3.25	0.7
MK-K-04	1.3	<0.1	0.00374	0.0088	0.00486	16	1.6	21.3	18.3	1082	2.95	0.8
MK-K-05	0.8	<0.1	0.00315	0.0098	0.00479	13	0.7	48	21.5	1068	5.17	0.9
MK-K-06	2.8	0.1	0.01304	0.0272	0.00556	45.7	1.3	47.7	24.1	1521	4.59	0.8
MK-K-07	1	<0.1	0.00551	0.0131	0.0067	23.2	1.8	62.7	30.7	2120	5.36	1
MK-K-08	1.8	0.4	0.01042	0.0294	0.00726	26.4	4.8	82.7	36.3	1506	7.24	1.2
MK-K-09	11.4	0.2	0.007	0.0195	0.00706	160.6	1.7	139.5	54.6	1866	8.4	0.7
MK-K-10	2.2	<0.1	0.00242	0.0086	0.0039	37.5	0.8	55.3	20.1	924	4.3	0.6
MK-K-11	7.8	0.1	0.00873	0.0593	0.00741	74.6	1.1	97.9	52.7	2735	8.32	0.6
MK-K-12	12.6	1.1	0.18798	0.4227	0.01358	143.4	1.2	165.3	65.6	2723	9.98	0.9
MK-K-13	2.4	0.4	0.04723	0.1206	0.00449	51	0.8	64.2	34.4	1697	6.93	0.6
MK-K-14	63.9	9.8	>1.00000	>1.0000	0.04508	990.7	1.4	126.6	49	2111	7.74	0.7
MK-K-15	2	0.2	0.00541	0.0166	0.00698	36	1.3	99.3	42.3	1604	5.1	0.9
MK-K-16	0.8	0.4	0.0042	0.0182	0.01088	27.2	3.1	99.9	41.5	2966	5	1.3

Soil Sample Descriptions:

Station	Th (ppm)	Sr (ppm)	Cd (ppm)	Sb (ppm)	Bi (ppm)	V (ppm)	Ca (%)	P (%)	La (ppm)	Cr (ppm)	Mg (%)	Ba (ppm)	Ti (%)
	0.1	**1**	**0.1**	**0.1**	**0.1**	**2**	**0.01**	**0.001**	**1**	**1**	**0.01**	**1**	**0.001**
MK-J-15	0.3	7	0.2	1	0.3	55	0.06	0.042	8	21	0.2	88	0.013
MK-J-16	0.7	10	0.3	1.1	0.2	50	0.1	0.049	12	34	0.39	112	0.021
MK-K-01	0.8	17	0.3	0.8	0.2	73	0.22	0.055	11	65	0.88	152	0.038
MK-K-02	2	10	<0.1	0.7	0.3	41	0.11	0.055	20	28	0.44	68	0.023
MK-K-03	4.1	12	0.1	0.6	0.3	31	0.14	0.067	29	30	0.52	67	0.015
MK-K-04	2.1	8	0.2	0.6	0.3	35	0.08	0.065	18	24	0.34	54	0.022
MK-K-05	9	11	<0.1	0.4	0.4	29	0.11	0.054	31	47	0.71	55	0.002
MK-K-06	3.2	25	1.6	20.5	0.5	20	0.3	0.092	12	19	0.32	68	0.004
MK-K-07	2.9	74	0.3	5.5	0.4	72	0.74	0.183	28	63	0.95	131	0.011
MK-K-08	3.7	95	1.5	13	0.2	137	0.85	0.149	32	81	1.53	136	0.017
MK-K-09	3.8	97	0.6	13.1	0.2	112	0.74	0.239	35	98	0.76	123	0.012
MK-K-10	0.5	159	0.3	5.2	<0.1	67	1.91	0.196	33	65	0.41	91	0.009
MK-K-11	3.2	134	2	15.7	<0.1	176	0.99	0.321	60	128	1.55	277	0.054
MK-K-12	6.1	139	33.7	70.4	<0.1	195	1.3	0.435	88	176	1.61	224	0.022
MK-K-13	3.1	148	6.5	7	<0.1	135	0.98	0.296	49	124	2.54	188	0.112
MK-K-14	2.5	78	220.1	379.6	0.1	162	0.87	0.248	42	133	1.06	270	0.019
MK-K-15	1.6	46	1.5	3.7	0.2	107	0.74	0.127	27	142	1.56	171	0.026
MK-K-16	1.5	65	1.5	4.1	0.3	82	0.88	0.168	30	131	1.23	178	0.017

Soil Sample Descriptions:

Station	B (ppm)	Al (%)	Na (%)	K (%)	W (ppm)	Hg (ppm)	Sc (ppm)	Tl (ppm)	S (%)	Ga (ppm)	Se (ppm)	Pb (%)	Zn (%)
	20	**0.01**	**0.001**	**0.01**	**0.1**	**0.01**	**0.1**	**0.1**	**0.05**	**1**	**0.5**	**0.01**	**0.01**
MK-J-15	<20	1.33	0.007	0.04	0.1	0.06	0.8	0.1	<0.05	6	<0.5	N.A.	N.A.
MK-J-16	<20	1.75	0.006	0.03	0.1	0.07	1.6	<0.1	<0.05	5	0.6	N.A.	N.A.
MK-K-01	<20	1.8	0.007	0.03	0.1	0.07	3.5	<0.1	<0.05	6	<0.5	N.A.	N.A.
MK-K-02	<20	1.24	0.004	0.03	0.1	0.25	1.6	<0.1	<0.05	4	<0.5	N.A.	N.A.
MK-K-03	<20	1.42	0.005	0.03	0.3	0.04	1.8	<0.1	<0.05	4	<0.5	N.A.	N.A.
MK-K-04	<20	1.29	0.005	0.03	0.1	0.09	1.3	<0.1	<0.05	4	<0.5	N.A.	N.A.
MK-K-05	<20	2.07	0.004	0.03	<0.1	0.11	3.3	<0.1	<0.05	6	<0.5	N.A.	N.A.
MK-K-06	<20	0.84	0.007	0.04	<0.1	0.26	3.9	<0.1	0.07	3	<0.5	N.A.	N.A.
MK-K-07	<20	1.89	0.014	0.05	<0.1	0.14	7.6	<0.1	0.13	6	0.8	N.A.	N.A.
MK-K-08	<20	2.1	0.009	0.07	<0.1	0.46	11.5	<0.1	0.07	7	<0.5	N.A.	N.A.
MK-K-09	<20	1.1	0.006	0.04	<0.1	0.79	11.1	0.2	0.06	5	0.7	N.A.	N.A.
MK-K-10	<20	0.82	0.014	0.02	<0.1	0.23	4.4	<0.1	0.2	3	0.9	N.A.	N.A.
MK-K-11	<20	1.85	0.007	0.03	0.1	0.71	11.1	0.2	<0.05	10	<0.5	N.A.	N.A.
MK-K-12	<20	1.92	0.005	0.02	<0.1	3.01	13.9	0.2	<0.05	9	0.6	N.A.	N.A.
MK-K-13	<20	2.78	0.009	0.08	0.1	0.46	5.2	0.2	<0.05	13	<0.5	N.A.	N.A.
MK-K-14	<20	1.22	0.007	0.03	<0.1	15.43	13	0.3	<0.05	6	1.3	1.88	1.79
MK-K-15	<20	2.21	0.011	0.03	0.2	0.1	7.2	<0.1	<0.05	7	0.6	N.A.	N.A.
MK-K-16	<20	2.46	0.011	0.05	0.1	0.14	5.3	<0.1	0.06	7	0.8	N.A.	N.A.

17.5 Soil Sample Assay Results

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

Client: **Keno Hill Exploration**
PO Box 15
Keno City YT Y0B 1M0 Canada

Submitted By: Lauren Blackhurn
Receiving Lab: Canada-Vancouver
Received: September 11, 2009
Report Date: November 02, 2009
Page: 1 of 6

CERTIFICATE OF ANALYSIS VAN09004184.3

CLIENT JOB INFORMATION

Project: McKay Hill
Shipment ID:
P.O. Number
Number of Samples: 140

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 90 days

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	140	Dry at 60C sieve 100g to -80 mesh			VAN
Dry at 60C	140	Dry at 60C			VAN
1DX1	140	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
7AR	10	1:1:1 Aqua Regia digestion ICP-ES analysis	0.4	Completed	VAN

ADDITIONAL COMMENTS

Version 3: Group 7AR Pb Zn included; Report units for Cu Pb Zn from 1DX reported in %

Invoice To: Monster Mining Corp.
Suite 916 - 925 W. Georgia Street
Vancouver BC V6C 3L2
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.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	%	%	%	gm/mt	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	1e-005	1e-005	0.0001	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
MK-A-01	Soil	1.0	0.0027	0.0023	0.0063	<0.1	22.0	9.3	405	2.86	12.9	0.6	1.6	0.9	8	0.2	1.6	0.3	37	0.07	0.065
MK-A-02	Soil	1.0	0.0033	0.0029	0.0073	<0.1	29.2	14.3	640	3.05	17.6	0.8	2.6	3.0	9	0.1	1.3	0.3	37	0.08	0.055
MK-A-03	Soil	0.7	0.0060	0.0033	0.0106	<0.1	55.3	24.9	1362	5.53	14.1	1.0	0.7	10.7	23	<0.1	1.3	0.4	35	0.18	0.078
MK-A-04	Soil	1.2	0.0031	0.0031	0.0067	<0.1	25.9	13.9	732	3.20	14.4	0.7	2.1	0.5	11	0.2	2.1	0.3	45	0.12	0.074
MK-A-05	Soil	1.0	0.0034	0.0026	0.0088	<0.1	35.4	14.7	689	3.29	26.1	0.8	2.6	2.5	18	0.3	3.2	0.3	41	0.21	0.075
MK-A-06	Soil	1.1	0.0052	0.0047	0.0119	0.2	49.6	16.3	583	3.84	40.8	1.0	10.3	3.3	30	0.5	7.0	0.3	37	0.56	0.097
MK-A-07	Soil	1.1	0.0039	0.0047	0.0174	<0.1	40.4	14.7	793	4.23	30.5	0.8	2.2	0.4	25	1.1	7.2	0.3	53	0.35	0.159
MK-A-08	Soil	1.3	0.0078	0.0544	0.0745	0.6	106.1	31.7	1023	5.90	110.9	0.7	5.7	4.0	39	6.4	60.4	0.2	37	0.44	0.158
MK-B-01	Soil	0.9	0.0039	0.0054	0.0153	0.2	39.8	15.0	644	3.46	58.5	0.8	28.8	3.7	34	0.6	9.1	0.2	40	0.25	0.075
MK-B-02	Soil	1.7	0.0044	0.0033	0.0124	0.2	49.6	20.0	696	3.83	66.1	0.8	7.0	2.5	33	0.3	10.7	0.3	46	0.39	0.117
MK-B-03	Soil	4.7	0.0039	0.0024	0.0124	<0.1	50.6	19.1	1028	3.08	179.2	0.7	26.8	2.0	34	0.9	15.8	0.3	37	0.17	0.078
MK-B-04	Soil	1.3	0.0067	0.0059	0.0132	0.2	53.0	17.3	1385	4.01	162.5	0.6	21.3	1.0	22	0.6	25.2	0.3	26	0.20	0.086
MK-B-05	Soil	1.3	0.0073	0.0044	0.0144	0.3	105.5	33.3	1441	5.91	33.7	1.1	3.2	1.6	58	0.9	11.5	0.2	93	1.13	0.180
MK-B-06	Soil	2.6	0.0303	0.1611	0.2232	3.1	118.8	35.8	1665	8.45	422.4	1.1	265.3	3.7	43	22.3	194.8	0.5	28	0.46	0.157
MK-B-07	Soil	1.3	0.0151	0.1677	0.2411	1.7	71.1	30.5	1410	5.58	81.3	0.7	96.1	4.6	43	28.5	159.0	0.2	60	0.46	0.164
MK-B-08	Soil	1.6	0.0168	0.2249	0.4628	2.7	162.5	43.6	1949	9.13	139.4	0.9	21.2	3.4	54	45.6	113.4	0.2	73	0.73	0.242
MK-B-09	Soil	1.8	0.0234	0.5013	>1	3.2	111.9	42.2	3620	11.09	701.5	0.8	65.5	3.3	67	102.0	161.7	0.2	75	0.79	0.244
MK-C-02	Soil	2.0	0.0434	0.8087	>1	16.4	109.9	40.1	2269	10.97	255.3	1.1	47.0	2.0	59	118.5	279.6	0.2	62	0.88	0.258
MK-C-03	Soil	1.1	0.0036	0.0028	0.0082	<0.1	27.6	13.7	948	3.21	11.3	0.8	0.8	0.5	16	0.8	1.8	0.3	60	0.17	0.090
MK-C-04	Soil	1.8	0.0049	0.0035	0.0157	0.3	61.4	25.6	1236	5.01	16.9	1.1	2.2	1.4	36	1.0	4.2	0.2	83	0.39	0.153
MK-C-05	Soil	1.4	0.0082	0.0240	0.0363	0.5	65.2	22.4	1295	5.42	158.9	1.0	32.4	0.7	31	1.8	27.2	0.4	38	0.34	0.127
MK-C-06	Soil	1.2	0.0075	0.0226	0.0837	0.6	63.4	23.7	1158	6.35	72.8	1.0	11.0	1.8	41	3.9	25.5	0.2	84	0.63	0.183
MK-C-07	Soil	1.8	0.0175	0.3050	0.4169	2.8	150.5	47.7	2487	9.90	285.6	0.7	29.0	3.3	59	54.3	142.4	0.2	61	0.69	0.217
MK-C-08	Soil	1.3	0.0170	0.6498	0.8984	3.9	101.9	38.5	3336	9.73	256.1	0.7	46.9	2.3	83	75.5	142.6	0.2	75	1.06	0.246
MK-C-09	Soil	1.5	0.0114	0.5904	0.2127	4.0	129.0	36.3	2078	8.08	220.6	0.8	14.4	4.5	82	15.4	83.3	0.2	102	0.76	0.248
MK-C-10	Soil	1.2	0.0108	0.2235	0.1487	1.8	190.0	49.0	2347	9.64	199.7	0.7	14.8	3.2	107	12.9	59.8	0.1	137	1.48	0.320
MK-C-11	Soil	1.1	0.0192	0.4699	0.6473	4.8	216.2	46.8	1944	9.16	448.7	0.6	24.9	3.2	77	52.0	166.2	0.1	134	0.90	0.230
MK-D-01	Soil	1.8	0.0049	0.0129	0.0213	0.3	55.4	18.7	847	4.36	22.8	1.0	2.5	1.8	53	1.6	8.4	0.2	69	0.62	0.136
MK-D-02	Soil	1.4	0.0036	0.0108	0.0150	<0.1	30.2	16.3	1159	3.54	28.1	0.7	2.9	0.5	16	1.3	6.6	0.3	55	0.16	0.096
MK-D-03	Soil	1.0	0.0036	0.0031	0.0076	<0.1	38.3	15.7	915	3.42	17.5	0.7	1.6	2.8	17	0.3	2.9	0.2	46	0.19	0.045

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Project: McKay Hill
Report Date: November 02, 2009

CERTIFICATE OF ANALYSIS VAN09004184.3

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7AR	7AR
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pb	Zn
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%
	MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.01	0.01
MK-A-01	Soil	11	24	0.36	67	0.013	<20	1.36	0.008	0.03	0.1	<0.01	1.3	<0.1	<0.05	4	0.6	N.A.	N.A.
MK-A-02	Soil	13	25	0.46	121	0.020	<20	1.42	0.006	0.04	0.1	0.01	2.3	<0.1	<0.05	5	<0.5	N.A.	N.A.
MK-A-03	Soil	28	46	0.89	53	0.003	<20	2.51	0.004	0.03	<0.1	0.03	3.3	<0.1	<0.05	8	<0.5	N.A.	N.A.
MK-A-04	Soil	12	30	0.38	75	0.014	<20	1.24	0.007	0.03	<0.1	<0.01	1.3	<0.1	<0.05	4	0.6	N.A.	N.A.
MK-A-05	Soil	16	29	0.48	140	0.013	<20	1.31	0.009	0.04	0.1	0.03	2.7	<0.1	<0.05	4	<0.5	N.A.	N.A.
MK-A-06	Soil	12	40	0.40	102	0.005	<20	1.31	0.009	0.05	<0.1	0.22	4.6	<0.1	<0.05	4	0.6	N.A.	N.A.
MK-A-07	Soil	13	41	0.42	174	0.007	<20	1.52	0.010	0.05	<0.1	0.07	1.3	0.1	0.05	5	<0.5	N.A.	N.A.
MK-A-08	Soil	19	48	0.25	97	0.008	<20	0.67	0.010	0.04	<0.1	0.54	8.9	<0.1	<0.05	2	<0.5	N.A.	N.A.
MK-B-01	Soil	20	26	0.43	137	0.016	<20	1.01	0.007	0.04	0.1	0.37	4.9	<0.1	<0.05	3	<0.5	N.A.	N.A.
MK-B-02	Soil	19	25	0.50	129	0.011	<20	1.08	0.007	0.04	0.2	0.15	3.9	<0.1	<0.05	3	0.7	N.A.	N.A.
MK-B-03	Soil	15	19	0.26	129	0.011	<20	0.68	0.006	0.03	<0.1	0.12	2.1	0.1	<0.05	2	<0.5	N.A.	N.A.
MK-B-04	Soil	10	22	0.17	118	0.003	<20	0.50	0.007	0.04	<0.1	0.18	3.6	<0.1	<0.05	2	0.7	N.A.	N.A.
MK-B-05	Soil	31	127	0.79	135	0.008	<20	1.90	0.013	0.04	<0.1	0.33	10.7	0.1	0.08	6	1.1	N.A.	N.A.
MK-B-06	Soil	14	26	0.22	91	0.004	<20	0.70	0.007	0.05	<0.1	5.73	13.1	<0.1	<0.05	2	1.3	N.A.	N.A.
MK-B-07	Soil	21	44	0.28	75	0.007	<20	0.62	0.008	0.05	<0.1	1.64	9.3	<0.1	<0.05	2	<0.5	N.A.	N.A.
MK-B-08	Soil	23	102	0.41	72	0.007	<20	1.15	0.008	0.04	<0.1	2.86	16.4	0.2	<0.05	4	0.9	N.A.	N.A.
MK-B-09	Soil	27	74	0.40	112	0.007	<20	1.01	0.009	0.05	<0.1	3.47	18.0	0.5	<0.05	3	1.3	0.51	1.35
MK-C-02	Soil	24	42	0.34	118	0.011	<20	0.93	0.009	0.04	0.1	10.55	14.4	0.1	0.06	6	1.7	0.81	1.09
MK-C-03	Soil	18	37	0.45	193	0.016	<20	1.79	0.005	0.04	0.1	0.04	1.7	<0.1	0.06	6	<0.5	N.A.	N.A.
MK-C-04	Soil	43	76	0.89	217	0.013	<20	2.11	0.006	0.05	0.1	0.28	4.8	0.1	0.05	7	0.7	N.A.	N.A.
MK-C-05	Soil	12	30	0.27	148	0.007	<20	1.19	0.007	0.05	<0.1	0.75	3.7	0.1	<0.05	4	0.6	N.A.	N.A.
MK-C-06	Soil	23	49	0.50	121	0.008	<20	1.35	0.009	0.04	0.1	2.45	9.3	<0.1	<0.05	5	0.9	N.A.	N.A.
MK-C-07	Soil	23	83	0.30	84	0.008	<20	0.69	0.008	0.03	0.1	3.03	15.7	0.1	<0.05	2	1.0	N.A.	N.A.
MK-C-08	Soil	27	67	0.50	129	0.009	<20	0.92	0.009	0.03	<0.1	1.54	14.4	0.2	0.06	3	1.2	N.A.	N.A.
MK-C-09	Soil	41	113	1.01	143	0.021	<20	1.59	0.009	0.04	0.1	1.68	15.8	0.2	<0.05	6	<0.5	N.A.	N.A.
MK-C-10	Soil	52	218	1.22	152	0.009	<20	1.52	0.011	0.04	0.1	1.09	18.9	0.3	0.08	7	0.5	N.A.	N.A.
MK-C-11	Soil	34	248	1.31	278	0.023	<20	1.68	0.009	0.06	0.1	3.23	17.8	0.2	<0.05	7	0.8	N.A.	N.A.
MK-D-01	Soil	24	63	0.70	175	0.016	<20	1.67	0.014	0.05	0.2	0.14	5.4	<0.1	0.07	5	0.7	N.A.	N.A.
MK-D-02	Soil	13	38	0.35	112	0.019	<20	1.48	0.016	0.05	0.1	0.10	1.5	<0.1	0.06	5	0.7	N.A.	N.A.
MK-D-03	Soil	23	37	0.51	161	0.022	<20	1.37	0.007	0.04	<0.1	0.03	3.9	<0.1	<0.05	4	<0.5	N.A.	N.A.

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	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	%	%	%	gm/mt	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	1e-005	1e-005	0.0001	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
MK-D-04	Soil	1.1	0.0045	0.0025	0.0112	<0.1	92.9	31.3	1494	6.25	15.5	0.8	1.6	4.4	79	0.3	5.3	0.2	115	0.70	0.196
MK-D-05	Soil	1.4	0.0085	0.0215	0.0307	0.3	48.3	31.9	2613	5.24	127.4	1.0	70.3	2.8	12	2.6	23.3	0.5	32	0.06	0.097
MK-D-06	Soil	1.5	0.0069	0.0167	0.0573	0.2	77.1	26.9	1658	5.37	59.9	0.7	2.6	1.9	34	4.8	34.8	0.3	41	0.42	0.153
MK-D-07	Soil	1.8	0.0140	0.2290	0.7426	1.5	106.7	45.3	2691	7.87	219.7	0.7	51.1	4.1	78	45.8	137.9	0.2	65	0.70	0.248
MK-D-08	Soil	1.2	0.0112	0.2269	>1	1.5	124.5	46.9	3191	10.33	245.5	0.6	30.8	4.1	108	130.3	81.6	0.1	66	0.83	0.294
MK-D-09	Soil	1.5	0.0105	0.2437	0.1542	1.8	141.7	38.8	1596	7.06	200.7	0.7	26.8	4.6	77	10.9	79.4	0.2	80	0.77	0.217
MK-D-10	Soil	2.1	0.0454	>1	>1	13.2	197.2	60.0	4265	10.50	427.9	1.0	31.7	2.7	59	69.0	422.8	0.1	104	0.64	0.213
MK-E-01	Soil	2.4	0.0367	0.6386	0.3950	8.0	75.2	26.8	1650	6.41	138.5	1.0	20.1	3.1	57	51.7	469.8	0.5	53	0.57	0.171
MK-E-02	Soil	1.3	0.0031	0.0075	0.0118	<0.1	25.7	11.2	746	3.28	14.6	0.6	5.7	0.3	37	0.7	6.1	0.3	54	0.34	0.134
MK-E-03	Soil	1.2	0.0032	0.0044	0.0085	<0.1	30.1	12.0	990	4.11	30.6	0.6	6.0	0.4	10	0.5	8.0	0.3	50	0.07	0.068
MK-E-04	Soil	1.6	0.0029	0.0045	0.0106	<0.1	28.5	13.8	876	3.55	13.2	0.8	0.9	0.8	18	0.3	3.0	0.4	36	0.18	0.078
MK-E-05	Soil	1.2	0.0044	0.0055	0.0096	<0.1	38.4	21.3	1341	3.99	45.2	0.8	2.6	0.9	13	0.3	5.3	0.5	32	0.10	0.076
MK-E-06	Soil	1.3	0.0029	0.0053	0.0086	<0.1	22.0	16.9	1579	3.30	10.3	0.8	3.4	0.3	11	0.6	3.4	0.3	39	0.10	0.138
MK-E-07	Soil	1.5	0.0049	0.0092	0.0248	<0.1	51.3	24.8	1700	4.63	39.5	0.8	2.8	0.8	37	1.3	8.3	0.2	67	0.43	0.174
MK-E-08	Soil	2.8	0.0218	0.6623	0.9410	3.3	71.8	19.8	5066	13.01	147.3	1.6	13.2	2.1	37	50.9	193.8	0.2	63	1.05	0.116
MK-E-09	Soil	1.3	0.0099	0.1696	0.1629	1.5	127.2	42.1	1692	7.60	193.5	0.6	22.0	1.7	81	10.5	81.7	0.1	82	1.32	0.275
MK-E-10	Soil	1.0	0.0166	0.3604	0.4086	3.7	151.7	32.6	1365	6.36	502.6	0.7	28.2	3.5	58	31.4	187.6	0.1	97	0.66	0.157
MK-E-11	Soil	1.5	0.0178	0.2569	0.6590	1.6	214.1	63.9	1910	9.22	272.2	0.7	23.3	1.9	59	45.5	136.6	<0.1	186	0.97	0.249
MK-E-12	Soil	0.9	0.0062	0.1262	0.2350	0.6	142.3	32.2	1168	6.60	133.8	0.7	10.0	1.4	64	20.1	39.4	0.1	134	0.92	0.197
MK-F-01	Soil	1.4	0.0039	0.0075	0.0138	0.1	53.8	21.9	1436	4.87	104.3	0.7	1.5	1.4	33	0.7	6.1	0.3	48	0.31	0.111
MK-F-02	Soil	1.9	0.0143	0.3667	0.1438	4.9	44.8	15.2	811	4.75	70.7	0.7	14.7	1.6	49	14.5	139.3	0.4	47	0.47	0.141
MK-F-03	Soil	1.4	0.0043	0.0091	0.0128	<0.1	26.5	21.3	2051	3.60	18.6	0.7	1.8	0.5	19	1.4	9.5	0.4	36	0.18	0.111
MK-F-04	Soil	1.9	0.0047	0.0071	0.0106	<0.1	33.1	29.1	2044	4.09	15.8	1.0	0.6	0.4	16	1.0	4.2	0.4	46	0.12	0.142
MK-F-05	Soil	1.4	0.0082	0.0036	0.0142	0.1	93.2	41.7	2749	7.87	65.7	0.4	1.2	0.8	196	1.5	12.5	<0.1	108	1.92	0.352
MK-F-06	Soil	1.6	0.0036	0.0035	0.0064	0.1	24.1	16.9	2009	3.99	9.4	0.8	0.9	0.6	19	0.3	2.0	0.3	41	0.21	0.313
MK-F-07	Soil	1.0	0.0034	0.0033	0.0066	<0.1	27.1	14.5	913	3.02	18.8	0.7	2.6	1.3	14	0.2	3.4	0.3	39	0.14	0.067
MK-F-08	Soil	2.6	0.0203	0.3768	0.5176	1.5	130.3	47.3	2201	6.55	243.1	0.9	21.4	2.1	74	32.8	249.5	0.3	44	0.74	0.223
MK-F-09	Soil	1.3	0.0296	0.0971	0.1035	3.3	62.8	32.5	2453	5.76	316.3	1.0	31.1	1.3	48	7.8	208.7	0.3	35	1.21	0.207
MK-F-10	Soil	1.2	0.0074	0.2006	0.2030	0.9	105.8	33.9	1742	6.79	149.0	0.8	6.9	1.2	34	15.3	63.1	0.3	50	1.10	0.176
MK-F-11	Soil	1.3	0.0109	0.0381	0.2377	0.2	223.3	54.0	1167	7.51	151.6	0.6	4.7	1.2	48	15.4	41.1	<0.1	183	1.13	0.241

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PO Box 15
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Project: McKay Hill
Report Date: November 02, 2009

CERTIFICATE OF ANALYSIS VAN09004184.3

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7AR	7AR
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pb	Zn
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%
	MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.01	0.01
MK-D-04	Soil	88	124	0.83	123	0.017	<20	1.56	0.008	0.03	<0.1	0.28	8.1	<0.1	<0.05	6	<0.5	N.A.	N.A.
MK-D-05	Soil	16	24	0.33	88	0.013	<20	1.16	0.007	0.06	<0.1	0.13	4.5	0.1	<0.05	3	0.6	N.A.	N.A.
MK-D-06	Soil	17	47	0.40	86	0.008	<20	1.02	0.008	0.05	<0.1	0.45	5.8	<0.1	0.05	3	0.7	N.A.	N.A.
MK-D-07	Soil	27	51	0.38	87	0.010	<20	0.71	0.009	0.03	0.1	4.13	11.6	0.1	<0.05	3	0.8	N.A.	N.A.
MK-D-08	Soil	34	70	0.34	110	0.009	<20	0.72	0.008	0.04	<0.1	1.45	17.4	0.2	<0.05	2	1.5	0.23	1.57
MK-D-09	Soil	38	123	0.78	96	0.013	<20	1.34	0.008	0.04	0.1	1.30	14.3	0.2	<0.05	5	0.7	N.A.	N.A.
MK-D-10	Soil	22	181	0.42	94	0.007	<20	0.71	0.006	0.03	0.2	2.98	19.1	0.3	<0.05	3	1.0	1.70	1.21
MK-E-01	Soil	23	44	0.38	87	0.004	<20	0.88	0.008	0.05	<0.1	2.17	11.5	<0.1	0.05	2	0.7	N.A.	N.A.
MK-E-02	Soil	18	30	0.43	162	0.010	<20	1.27	0.009	0.04	<0.1	0.07	1.6	<0.1	0.11	4	<0.5	N.A.	N.A.
MK-E-03	Soil	9	34	0.21	113	0.015	<20	1.12	0.006	0.04	<0.1	0.04	2.2	<0.1	0.05	4	<0.5	N.A.	N.A.
MK-E-04	Soil	11	26	0.40	93	0.008	<20	1.37	0.006	0.04	<0.1	0.04	1.5	<0.1	<0.05	4	<0.5	N.A.	N.A.
MK-E-05	Soil	11	24	0.31	73	0.013	<20	0.98	0.004	0.04	<0.1	0.07	1.8	<0.1	<0.05	3	<0.5	N.A.	N.A.
MK-E-06	Soil	8	26	0.30	96	0.011	<20	1.13	0.007	0.05	<0.1	0.10	0.8	<0.1	0.11	5	<0.5	N.A.	N.A.
MK-E-07	Soil	20	61	0.88	119	0.011	<20	1.81	0.007	0.05	0.1	0.09	4.2	<0.1	0.07	5	<0.5	N.A.	N.A.
MK-E-08	Soil	29	40	0.50	142	0.010	<20	1.04	0.008	0.03	0.1	0.72	8.7	0.2	0.05	3	0.7	N.A.	N.A.
MK-E-09	Soil	27	111	0.59	81	0.007	<20	1.00	0.008	0.02	0.2	0.78	14.6	0.1	0.09	4	0.8	N.A.	N.A.
MK-E-10	Soil	30	181	1.01	147	0.013	<20	1.38	0.007	0.03	0.3	3.47	11.3	0.2	<0.05	5	0.7	N.A.	N.A.
MK-E-11	Soil	33	317	2.77	161	0.057	<20	2.53	0.006	0.10	<0.1	3.00	18.4	0.3	<0.05	9	0.8	N.A.	N.A.
MK-E-12	Soil	36	245	1.64	403	0.023	<20	2.07	0.010	0.06	0.1	0.59	10.5	0.1	0.07	8	<0.5	N.A.	N.A.
MK-F-01	Soil	16	39	0.43	121	0.008	<20	1.23	0.008	0.05	0.1	0.09	3.8	0.1	<0.05	4	<0.5	N.A.	N.A.
MK-F-02	Soil	16	30	0.33	106	0.006	<20	0.86	0.011	0.05	0.1	2.08	6.1	<0.1	0.06	3	<0.5	N.A.	N.A.
MK-F-03	Soil	11	20	0.26	161	0.014	<20	1.00	0.010	0.06	<0.1	0.06	1.6	<0.1	0.10	3	0.6	N.A.	N.A.
MK-F-04	Soil	13	33	0.37	208	0.014	<20	1.65	0.006	0.06	<0.1	0.05	1.1	0.1	0.12	4	<0.5	N.A.	N.A.
MK-F-05	Soil	45	72	1.00	143	0.006	<20	1.26	0.014	0.02	<0.1	0.12	9.7	<0.1	0.14	4	0.7	N.A.	N.A.
MK-F-06	Soil	7	36	0.37	173	0.007	<20	1.67	0.010	0.04	<0.1	0.05	1.1	<0.1	0.19	5	<0.5	N.A.	N.A.
MK-F-07	Soil	13	25	0.42	69	0.020	<20	1.06	0.005	0.03	0.2	0.15	1.6	<0.1	<0.05	3	<0.5	N.A.	N.A.
MK-F-08	Soil	25	43	0.36	108	0.009	<20	0.72	0.008	0.03	<0.1	1.91	7.7	0.2	0.06	2	0.9	N.A.	N.A.
MK-F-09	Soil	11	41	0.34	140	0.006	<20	1.03	0.008	0.04	<0.1	1.01	4.8	0.1	0.13	3	0.8	N.A.	N.A.
MK-F-10	Soil	11	96	0.21	106	0.004	<20	0.64	0.011	0.04	0.1	0.77	8.4	0.1	0.11	2	0.8	N.A.	N.A.
MK-F-11	Soil	41	365	2.47	106	0.012	<20	2.77	0.008	0.02	0.1	0.70	13.8	0.1	0.08	10	0.5	N.A.	N.A.

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Project: McKay Hill
Report Date: November 02, 2009

CERTIFICATE OF ANALYSIS VAN09004184.3

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	%	%	%	gm/mt	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	1e-005	1e-005	0.0001	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
MK-F-12	Soil	1.3	0.0118	0.3607	0.5069	1.7	187.9	48.9	1801	7.99	276.0	0.6	17.5	1.1	44	33.2	87.7	<0.1	143	1.05	0.208
MK-G-01	Soil	1.6	0.0240	0.2543	0.4407	2.8	116.8	32.9	1488	7.20	165.5	1.0	13.9	3.3	54	58.5	250.1	0.3	48	0.66	0.169
MK-G-02	Soil	1.2	0.0035	0.0131	0.0115	<0.1	26.5	16.1	1194	3.91	14.4	0.8	2.9	1.2	8	1.7	18.0	0.4	32	0.07	0.077
MK-G-03	Soil	1.5	0.0066	0.0448	0.0296	0.5	44.7	19.4	1225	3.79	25.2	0.5	2.2	0.7	153	3.9	32.2	0.1	59	1.77	0.181
MK-G-04	Soil	6.0	0.0063	0.0101	0.0134	0.1	49.1	32.2	2510	4.95	22.9	0.9	1.3	1.8	31	1.0	6.4	0.4	80	0.25	0.185
MK-G-05	Soil	1.6	0.0052	0.0027	0.0092	<0.1	44.6	23.3	1040	3.79	17.4	0.7	3.4	2.7	50	0.7	2.6	0.2	72	0.42	0.113
MK-G-06	Soil	2.8	0.0043	0.0027	0.0079	<0.1	41.6	19.4	987	5.10	21.7	0.8	1.4	1.4	47	0.3	1.8	0.3	64	0.41	0.144
MK-G-07	Soil	2.2	0.0025	0.0033	0.0077	<0.1	17.8	8.6	1000	2.87	51.8	0.5	4.1	0.2	31	0.4	6.3	0.3	43	0.30	0.086
MK-G-08	Soil	1.4	0.0036	0.0034	0.0079	<0.1	21.4	12.3	1245	3.23	11.9	0.9	2.7	0.2	16	0.8	2.2	0.3	59	0.14	0.156
MK-G-09	Soil	1.2	0.0058	0.0127	0.0449	0.2	37.7	31.1	3123	4.52	21.5	1.0	1.7	1.7	17	3.4	17.4	0.5	22	0.30	0.139
MK-G-10	Soil	1.9	0.0209	0.3572	>1	1.0	176.2	51.8	2176	8.03	491.1	1.0	43.9	0.6	30	128.7	178.9	0.1	54	0.84	0.181
MK-G-11	Soil	0.8	0.0080	0.0959	0.1155	0.7	108.9	28.8	905	4.51	54.4	0.6	3.2	1.3	41	11.4	39.4	0.1	109	0.93	0.116
MK-G-12	Soil	0.8	0.0084	0.3271	0.4262	2.3	106.3	29.6	1786	5.36	243.7	0.5	8.6	1.4	44	35.9	93.7	0.2	90	0.93	0.155
MK-G-13	Soil	1.2	0.0216	0.4577	0.9605	1.5	102.2	30.5	2768	6.02	292.5	0.5	8.2	0.4	61	124.0	119.2	<0.1	78	1.92	0.168
MK-G-14	Soil	0.9	0.0037	0.0753	0.0401	0.5	50.6	19.0	772	4.12	75.9	0.6	4.1	0.8	55	2.5	17.2	0.2	71	1.05	0.135
MK-G-15	Soil	1.1	0.0087	0.1029	0.0805	1.0	80.5	31.0	1089	5.65	141.7	0.5	22.2	2.4	55	4.8	38.3	0.1	118	0.77	0.193
MK-H-01	Soil	1.0	0.0029	0.0044	0.0078	<0.1	38.7	14.6	755	3.88	19.6	0.6	2.1	0.7	37	0.4	1.9	0.2	76	0.44	0.106
MK-H-02	Soil	2.1	0.0466	0.4840	>1	4.0	164.1	52.3	1699	7.13	219.9	0.8	20.1	4.2	79	114.0	463.3	0.4	54	0.76	0.262
MK-H-03	Soil	1.6	0.0027	0.0056	0.0073	<0.1	20.1	13.0	967	4.90	11.5	1.0	2.4	2.5	8	0.5	2.4	0.4	45	0.05	0.076
MK-H-04	Soil	1.7	0.0061	0.0159	0.0186	0.2	47.7	23.1	1652	6.13	98.1	0.7	9.2	1.0	83	1.1	27.5	0.3	93	0.66	0.221
MK-H-05	Soil	1.5	0.0035	0.0019	0.0111	0.1	37.8	20.0	937	3.75	29.6	0.8	2.9	1.3	42	0.5	1.9	0.3	57	0.39	0.109
MK-H-06	Soil	2.0	0.0024	0.0032	0.0098	<0.1	24.4	11.1	542	3.76	17.9	0.6	9.8	0.8	12	0.5	1.4	0.4	46	0.09	0.055
MK-H-07	Soil	3.9	0.0142	0.0321	0.0722	0.9	201.8	101.5	6218	13.98	977.2	0.5	101.5	1.6	246	6.2	94.0	0.3	48	1.98	0.284
MK-H-08	Soil	4.4	0.0029	0.0036	0.0061	<0.1	24.5	13.9	968	3.46	15.2	0.6	17.1	2.6	10	0.2	1.8	0.2	42	0.09	0.046
MK-H-09	Soil	2.1	0.0044	0.0057	0.0198	<0.1	41.9	21.7	2024	4.23	14.7	0.8	1.5	0.9	15	0.4	3.1	0.4	35	0.19	0.090
MK-H-10	Soil	1.3	0.0116	0.0766	0.2611	0.3	285.9	70.2	2364	9.14	43.5	0.7	7.7	1.4	42	22.7	20.5	<0.1	231	1.06	0.267
MK-H-11	Soil	1.5	0.0138	0.0486	0.1752	0.3	162.4	68.0	2559	8.95	110.5	0.7	5.3	2.2	57	11.6	63.0	0.1	189	1.08	0.237
MK-H-12	Soil	1.9	0.0691	>1	>1	9.1	155.7	50.5	4014	8.12	945.5	0.8	47.2	2.0	48	210.1	654.9	0.1	103	1.21	0.210
MK-H-13	Soil	1.1	0.0066	0.0785	0.1587	0.5	104.0	40.1	1784	7.07	554.0	0.6	7.8	1.5	49	14.9	50.1	0.1	115	0.80	0.098
MK-H-14	Soil	1.9	0.0148	0.0133	0.2527	0.2	362.3	123.2	2678	9.96	384.4	0.6	8.8	1.8	52	13.5	36.1	<0.1	229	0.91	0.299

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	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7AR	7AR
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pb	Zn
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%
	MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.01	0.01
MK-F-12	Soil	29	270	1.65	122	0.011	<20	2.08	0.008	0.03	0.1	1.43	16.5	0.1	0.06	7	0.8	N.A.	N.A.
MK-G-01	Soil	17	75	0.31	86	0.006	<20	0.75	0.008	0.04	<0.1	4.72	11.7	0.1	<0.05	2	1.3	N.A.	N.A.
MK-G-02	Soil	12	22	0.31	56	0.013	<20	1.10	0.005	0.04	<0.1	0.06	1.2	<0.1	0.05	4	0.5	N.A.	N.A.
MK-G-03	Soil	30	40	0.69	135	0.011	<20	1.13	0.013	0.04	<0.1	0.28	4.6	<0.1	0.20	4	0.8	N.A.	N.A.
MK-G-04	Soil	27	56	1.11	401	0.021	<20	2.23	0.010	0.04	<0.1	0.06	5.9	0.1	0.12	7	0.7	N.A.	N.A.
MK-G-05	Soil	31	47	0.97	215	0.020	<20	1.70	0.008	0.03	0.2	0.03	6.6	<0.1	<0.05	5	0.6	N.A.	N.A.
MK-G-06	Soil	20	40	0.64	151	0.011	<20	1.66	0.008	0.04	0.1	0.03	5.1	<0.1	0.06	5	0.7	N.A.	N.A.
MK-G-07	Soil	9	18	0.21	163	0.013	<20	0.86	0.011	0.04	0.1	0.03	0.9	0.1	0.07	5	<0.5	N.A.	N.A.
MK-G-08	Soil	14	35	0.36	144	0.011	<20	1.54	0.009	0.05	<0.1	0.03	0.9	<0.1	0.11	5	0.6	N.A.	N.A.
MK-G-09	Soil	9	19	0.28	133	0.006	<20	1.36	0.008	0.08	<0.1	0.39	2.1	<0.1	0.07	3	0.6	N.A.	N.A.
MK-G-10	Soil	13	115	0.19	97	0.007	<20	0.51	0.009	0.03	<0.1	1.38	15.7	0.1	0.10	2	1.2	0.38	1.42
MK-G-11	Soil	34	192	1.47	133	0.015	<20	2.04	0.008	0.03	0.3	0.34	7.2	<0.1	0.06	7	0.5	N.A.	N.A.
MK-G-12	Soil	21	139	1.30	221	0.020	<20	1.51	0.009	0.04	0.3	1.81	12.2	0.1	<0.05	5	<0.5	N.A.	N.A.
MK-G-13	Soil	15	113	0.54	226	0.008	<20	0.90	0.014	0.04	<0.1	0.77	7.1	0.2	0.16	3	0.9	N.A.	N.A.
MK-G-14	Soil	14	77	0.86	219	0.014	<20	1.55	0.007	0.03	0.2	0.19	3.8	<0.1	0.07	5	0.6	N.A.	N.A.
MK-G-15	Soil	27	127	1.47	199	0.026	<20	1.77	0.007	0.03	0.2	0.52	12.8	<0.1	<0.05	6	0.9	N.A.	N.A.
MK-H-01	Soil	26	70	0.74	130	0.013	<20	1.80	0.007	0.03	0.1	0.06	2.4	<0.1	<0.05	7	<0.5	N.A.	N.A.
MK-H-02	Soil	21	85	0.29	68	0.006	<20	0.51	0.006	0.03	<0.1	15.36	11.1	0.2	0.07	2	1.5	0.48	1.15
MK-H-03	Soil	11	24	0.24	53	0.021	<20	1.38	0.004	0.04	0.1	0.07	1.7	0.1	<0.05	6	0.8	N.A.	N.A.
MK-H-04	Soil	48	45	0.82	196	0.012	<20	1.87	0.009	0.03	<0.1	0.16	5.1	0.1	0.06	6	0.7	N.A.	N.A.
MK-H-05	Soil	15	34	0.57	243	0.014	<20	1.85	0.009	0.03	0.2	0.04	3.3	0.1	<0.05	5	0.6	N.A.	N.A.
MK-H-06	Soil	11	28	0.44	133	0.022	<20	1.65	0.006	0.05	0.2	0.04	1.6	0.1	<0.05	5	0.5	N.A.	N.A.
MK-H-07	Soil	19	32	0.48	84	0.007	<20	0.46	0.010	0.03	<0.1	0.57	23.3	0.1	0.10	1	1.1	N.A.	N.A.
MK-H-08	Soil	13	31	0.30	76	0.028	<20	1.37	0.005	0.02	0.2	0.06	2.2	<0.1	<0.05	4	<0.5	N.A.	N.A.
MK-H-09	Soil	12	24	0.32	113	0.016	<20	1.43	0.011	0.05	<0.1	0.10	2.6	0.1	0.05	4	0.7	N.A.	N.A.
MK-H-10	Soil	53	461	2.07	89	0.009	<20	2.21	0.006	0.02	0.2	0.59	24.2	0.1	0.05	8	1.1	N.A.	N.A.
MK-H-11	Soil	73	179	1.75	183	0.024	<20	2.25	0.010	0.02	<0.1	0.64	17.6	0.2	<0.05	9	1.0	N.A.	N.A.
MK-H-12	Soil	21	135	0.54	125	0.011	<20	0.79	0.005	0.03	0.1	12.40	14.4	0.3	<0.05	3	1.3	1.95	2.24
MK-H-13	Soil	24	105	1.23	444	0.048	<20	1.81	0.008	0.05	0.1	0.40	13.3	0.3	<0.05	6	0.6	N.A.	N.A.
MK-H-14	Soil	33	477	1.99	202	0.017	<20	2.16	0.005	0.02	0.2	0.88	25.3	0.4	<0.05	9	0.7	N.A.	N.A.

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Project: McKay Hill
Report Date: November 02, 2009

CERTIFICATE OF ANALYSIS VAN09004184.3

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	%	%	%	gm/mt	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	1e-005	1e-005	0.0001	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
MK-H-15	Soil	0.7	0.0132	0.0395	0.0856	0.4	98.3	31.9	1363	4.50	51.8	0.4	4.2	0.7	57	8.3	10.5	0.1	90	1.25	0.132
MK-H-16	Soil	1.8	0.0058	0.0330	0.0526	0.2	62.9	22.3	1053	5.71	116.6	0.6	8.5	0.5	40	6.7	14.4	0.2	93	0.77	0.124
MK-I-01	Soil	0.9	0.0042	0.0023	0.0077	<0.1	44.7	19.3	2226	3.57	16.0	1.0	2.5	1.2	85	0.7	1.4	0.2	62	1.07	0.139
MK-I-02	Soil	1.2	0.0035	0.0025	0.0072	<0.1	43.1	14.5	543	3.50	15.9	0.7	2.0	1.0	14	0.2	1.6	0.2	54	0.15	0.078
MK-I-03	Soil	1.6	0.0778	0.4897	>1	4.9	177.6	47.1	1931	8.15	265.9	0.7	20.9	3.0	103	178.9	632.6	0.3	52	1.02	0.248
MK-I-04	Soil	1.1	0.0052	0.0085	0.0101	<0.1	34.5	34.6	2605	4.95	19.2	1.4	2.1	3.1	11	0.5	3.5	0.5	27	0.05	0.140
MK-I-05	Soil	1.9	0.0062	0.0097	0.0205	0.2	51.5	35.6	1442	5.51	33.2	1.4	2.6	8.6	74	1.0	4.8	0.4	49	0.41	0.169
MK-I-06	Soil	4.1	0.0057	0.0043	0.0128	0.1	58.3	33.0	1916	5.05	24.8	1.1	4.0	1.7	93	1.0	3.4	0.3	99	0.71	0.187
MK-I-07	Soil	4.0	0.0072	0.0293	0.0550	0.3	114.1	60.4	2144	8.39	497.4	0.8	165.8	3.1	141	4.7	54.5	0.3	37	1.22	0.237
MK-I-08	Soil	2.5	0.0136	0.0247	0.0395	0.6	72.0	36.0	2001	6.49	289.7	1.0	652.6	5.2	36	2.9	64.1	0.8	18	0.19	0.074
MK-I-09	Soil	3.6	0.0108	0.0074	0.0160	0.2	136.9	52.7	4085	9.21	132.7	1.1	5.7	2.3	73	0.8	16.8	0.4	77	0.99	0.205
MK-I-10	Soil	3.1	0.0343	0.3300	>1	3.3	109.8	38.2	3793	7.80	509.0	0.9	52.6	1.3	46	107.4	436.6	0.3	21	0.88	0.121
MK-I-11	Soil	0.5	0.0047	0.0026	0.0100	<0.1	39.5	15.3	582	1.95	6.7	0.3	2.0	0.2	92	0.8	3.4	<0.1	45	2.61	0.121
MK-I-12	Soil	0.5	0.0121	0.0043	0.0091	0.1	64.7	28.5	1997	4.11	12.5	0.3	1.5	0.4	107	0.8	2.3	<0.1	105	3.62	0.196
MK-I-13	Soil	1.5	0.0117	0.1005	0.1602	0.9	78.5	29.8	1732	6.19	367.9	0.6	294.0	2.9	46	8.2	56.3	0.2	101	0.57	0.158
MK-I-14	Soil	1.3	0.0131	0.0966	0.1274	0.7	134.0	43.3	1875	7.22	319.4	0.4	15.0	2.8	68	6.0	76.5	0.1	121	0.90	0.200
MK-I-15	Soil	3.4	0.0063	0.0380	0.0641	0.4	90.9	29.3	1941	7.15	288.2	0.8	67.6	1.5	48	4.5	25.0	0.2	49	0.79	0.165
MK-I-16	Soil	1.4	0.0046	0.0332	0.0480	0.2	76.2	17.5	717	5.01	100.1	0.7	14.3	0.3	19	3.0	12.0	0.3	61	0.29	0.110
MK-J-01	Soil	0.9	0.0046	0.0034	0.0072	<0.1	29.5	14.6	709	3.42	20.4	0.5	1.2	1.2	13	0.1	0.4	0.4	53	0.16	0.082
MK-J-02	Soil	0.9	0.0062	0.0072	0.0099	<0.1	40.7	42.7	861	3.99	27.7	0.8	0.8	9.1	11	<0.1	0.6	0.4	26	0.14	0.086
MK-J-03	Soil	1.4	0.0041	0.0052	0.0076	<0.1	22.5	12.8	629	3.70	13.0	1.0	<0.5	0.8	7	0.2	0.5	0.5	46	0.06	0.064
MK-J-04	Soil	1.2	0.0053	0.0047	0.0103	<0.1	51.7	23.6	1032	5.11	18.5	1.0	1.0	8.7	13	<0.1	1.3	0.6	31	0.16	0.075
MK-J-05	Soil	1.3	0.0056	0.0050	0.0086	0.1	48.1	30.9	1912	4.22	21.6	1.0	1.9	3.3	52	0.2	2.7	0.6	21	0.90	0.111
MK-J-06	Soil	1.1	0.0024	0.0017	0.0043	<0.1	19.3	11.1	1317	2.04	16.1	0.3	1.4	0.3	124	0.2	1.9	0.2	20	2.20	0.139
MK-J-07	Soil	15.9	0.0088	0.0084	0.0175	0.1	83.8	44.3	2582	7.50	20.2	1.0	1.4	5.3	93	1.4	7.1	0.3	129	0.74	0.271
MK-J-08	Soil	1.7	0.0049	0.0081	0.0145	<0.1	63.1	22.1	892	6.31	144.3	0.8	13.0	1.4	146	0.6	14.8	0.3	34	1.47	0.213
MK-J-09	Soil	1.3	0.0078	0.0066	0.0240	0.2	135.3	50.8	2285	9.47	178.9	0.9	9.3	2.5	103	0.8	16.8	0.2	112	1.11	0.244
MK-J-10	Soil	1.5	0.0070	0.0233	0.0614	0.3	107.9	37.1	2491	7.90	144.4	0.7	8.6	2.1	67	4.1	26.5	0.2	97	0.89	0.191
MK-J-11	Soil	1.4	0.0070	0.0237	0.1177	0.2	94.5	45.3	3610	8.76	112.5	0.7	54.5	3.0	147	6.2	26.7	<0.1	144	1.06	0.350
MK-J-12	Soil	1.4	0.0097	0.0449	0.2322	0.5	93.2	42.5	1958	6.68	266.1	0.5	54.4	2.9	97	17.5	47.2	0.1	126	0.98	0.226

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Project: McKay Hill
Report Date: November 02, 2009

CERTIFICATE OF ANALYSIS VAN09004184.3

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7AR	7AR
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pb	Zn
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%
	MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.01	0.01
MK-H-15	Soil	26	152	1.52	144	0.015	<20	2.00	0.012	0.03	<0.1	0.17	10.0	<0.1	0.07	6	0.9	N.A.	N.A.
MK-H-16	Soil	16	93	0.82	260	0.032	<20	1.50	0.009	0.03	0.1	0.12	5.0	0.1	<0.05	7	0.5	N.A.	N.A.
MK-I-01	Soil	39	58	0.66	287	0.019	<20	1.65	0.011	0.04	0.2	0.06	3.5	<0.1	0.05	5	0.8	N.A.	N.A.
MK-I-02	Soil	15	53	0.52	111	0.019	<20	1.65	0.008	0.03	0.1	0.05	2.3	<0.1	<0.05	5	0.6	N.A.	N.A.
MK-I-03	Soil	17	80	0.34	95	0.009	<20	0.51	0.010	0.04	<0.1	15.53	13.6	0.2	<0.05	2	1.9	0.50	2.06
MK-I-04	Soil	10	35	0.45	63	0.007	<20	1.99	0.007	0.04	<0.1	0.11	1.7	<0.1	0.06	5	0.5	N.A.	N.A.
MK-I-05	Soil	38	28	0.69	140	0.010	<20	1.33	0.006	0.06	0.1	0.16	5.8	<0.1	<0.05	5	0.5	N.A.	N.A.
MK-I-06	Soil	33	61	1.22	217	0.015	<20	2.11	0.011	0.04	0.1	0.10	7.7	<0.1	0.07	7	<0.5	N.A.	N.A.
MK-I-07	Soil	23	19	0.45	101	0.010	<20	0.45	0.006	0.04	0.3	0.25	9.0	<0.1	<0.05	2	<0.5	N.A.	N.A.
MK-I-08	Soil	17	15	0.14	125	0.004	<20	0.36	0.003	0.05	<0.1	0.57	6.9	0.2	<0.05	1	1.4	N.A.	N.A.
MK-I-09	Soil	24	73	0.41	178	0.003	<20	0.98	0.009	0.04	<0.1	0.37	15.7	0.2	0.10	3	1.0	N.A.	N.A.
MK-I-10	Soil	9	19	0.16	82	0.004	<20	0.42	0.011	0.05	<0.1	14.56	8.0	0.1	0.09	2	0.8	0.32	1.25
MK-I-11	Soil	13	38	0.56	629	0.038	<20	0.87	0.016	0.04	<0.1	0.20	1.2	0.1	0.22	3	<0.5	N.A.	N.A.
MK-I-12	Soil	40	110	1.50	838	0.017	<20	1.87	0.010	0.04	0.1	0.08	3.0	<0.1	0.18	6	0.6	N.A.	N.A.
MK-I-13	Soil	30	85	1.06	255	0.032	<20	1.50	0.009	0.03	0.2	1.50	10.7	0.2	<0.05	5	0.6	N.A.	N.A.
MK-I-14	Soil	24	160	1.87	539	0.046	<20	1.78	0.009	0.07	0.1	0.52	12.0	0.1	<0.05	7	<0.5	N.A.	N.A.
MK-I-15	Soil	21	57	0.55	167	0.011	<20	1.23	0.012	0.03	<0.1	0.25	9.2	0.1	0.06	3	0.8	N.A.	N.A.
MK-I-16	Soil	14	62	0.35	156	0.012	<20	1.66	0.006	0.03	<0.1	0.22	2.8	0.1	<0.05	6	<0.5	N.A.	N.A.
MK-J-01	Soil	22	47	0.77	91	0.016	<20	1.64	0.006	0.03	<0.1	0.04	2.2	<0.1	0.07	6	<0.5	N.A.	N.A.
MK-J-02	Soil	44	30	0.67	41	0.013	<20	1.80	0.003	0.03	<0.1	0.03	2.2	<0.1	<0.05	6	<0.5	N.A.	N.A.
MK-J-03	Soil	32	29	0.44	58	0.018	<20	1.83	0.006	0.03	<0.1	0.04	1.1	<0.1	<0.05	6	0.5	N.A.	N.A.
MK-J-04	Soil	31	50	0.64	49	0.002	<20	1.86	0.004	0.03	<0.1	0.12	3.8	<0.1	<0.05	6	<0.5	N.A.	N.A.
MK-J-05	Soil	13	24	0.39	127	0.007	<20	1.17	0.013	0.04	<0.1	0.08	3.4	<0.1	0.10	3	<0.5	N.A.	N.A.
MK-J-06	Soil	13	13	0.43	90	0.006	<20	0.53	0.019	0.03	0.1	0.17	1.0	<0.1	0.23	2	<0.5	N.A.	N.A.
MK-J-07	Soil	44	82	1.62	143	0.027	<20	2.36	0.010	0.07	<0.1	0.15	11.2	0.2	0.07	8	0.6	N.A.	N.A.
MK-J-08	Soil	17	23	0.36	70	0.008	<20	0.73	0.019	0.05	<0.1	0.11	6.4	<0.1	0.13	2	<0.5	N.A.	N.A.
MK-J-09	Soil	36	82	0.63	126	0.007	<20	1.05	0.009	0.04	<0.1	0.65	14.1	0.2	0.09	5	0.7	N.A.	N.A.
MK-J-10	Soil	23	87	0.42	123	0.007	<20	0.74	0.012	0.05	<0.1	0.46	11.8	0.1	0.09	3	0.8	N.A.	N.A.
MK-J-11	Soil	57	117	1.71	369	0.059	<20	1.97	0.006	0.05	0.1	0.49	9.4	0.2	<0.05	10	<0.5	N.A.	N.A.
MK-J-12	Soil	50	89	1.29	221	0.051	<20	1.60	0.008	0.03	<0.1	2.08	7.1	0.1	<0.05	7	0.5	N.A.	N.A.

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Report Date: November 02, 2009

CERTIFICATE OF ANALYSIS VAN09004184.3

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	%	%	%	gm/mt	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	1e-005	1e-005	0.0001	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
MK-J-13	Soil	0.5	0.0035	0.0054	0.0225	<0.1	40.5	25.8	1387	6.05	13.4	0.8	<0.5	1.5	151	1.9	3.0	<0.1	124	1.47	0.216
MK-J-14	Soil	1.0	0.0081	0.0190	0.0870	0.2	134.1	41.6	1383	7.98	104.9	0.7	6.4	1.9	69	6.0	13.1	0.1	170	1.10	0.247
MK-J-15	Soil	1.5	0.0015	0.0024	0.0067	<0.1	15.2	5.0	280	2.59	10.7	0.5	0.7	0.3	7	0.2	1.0	0.3	55	0.06	0.042
MK-J-16	Soil	1.1	0.0023	0.0017	0.0060	<0.1	24.5	9.6	396	3.22	12.0	0.9	1.2	0.7	10	0.3	1.1	0.2	50	0.10	0.049
MK-K-01	Soil	1.0	0.0062	0.0012	0.0076	<0.1	39.0	36.6	893	3.51	22.8	0.5	0.8	0.8	17	0.3	0.8	0.2	73	0.22	0.055
MK-K-02	Soil	1.0	0.0033	0.0046	0.0064	<0.1	23.3	14.8	507	3.04	13.2	0.6	1.2	2.0	10	<0.1	0.7	0.3	41	0.11	0.055
MK-K-03	Soil	1.0	0.0045	0.0045	0.0075	<0.1	32.3	20.9	1445	3.25	14.9	0.7	1.8	4.1	12	0.1	0.6	0.3	31	0.14	0.067
MK-K-04	Soil	1.6	0.0049	0.0037	0.0088	<0.1	21.3	18.3	1082	2.95	16.0	0.8	1.3	2.1	8	0.2	0.6	0.3	35	0.08	0.065
MK-K-05	Soil	0.7	0.0048	0.0031	0.0098	<0.1	48.0	21.5	1068	5.17	13.0	0.9	0.8	9.0	11	<0.1	0.4	0.4	29	0.11	0.054
MK-K-06	Soil	1.3	0.0056	0.0130	0.0272	0.1	47.7	24.1	1521	4.59	45.7	0.8	2.8	3.2	25	1.6	20.5	0.5	20	0.30	0.092
MK-K-07	Soil	1.8	0.0067	0.0055	0.0131	<0.1	62.7	30.7	2120	5.36	23.2	1.0	1.0	2.9	74	0.3	5.5	0.4	72	0.74	0.183
MK-K-08	Soil	4.8	0.0073	0.0104	0.0294	0.4	82.7	36.3	1506	7.24	26.4	1.2	1.8	3.7	95	1.5	13.0	0.2	137	0.85	0.149
MK-K-09	Soil	1.7	0.0071	0.0070	0.0195	0.2	139.5	54.6	1866	8.40	160.6	0.7	11.4	3.8	97	0.6	13.1	0.2	112	0.74	0.239
MK-K-10	Soil	0.8	0.0039	0.0024	0.0086	<0.1	55.3	20.1	924	4.30	37.5	0.6	2.2	0.5	159	0.3	5.2	<0.1	67	1.91	0.196
MK-K-11	Soil	1.1	0.0074	0.0087	0.0593	0.1	97.9	52.7	2735	8.32	74.6	0.6	7.8	3.2	134	2.0	15.7	<0.1	176	0.99	0.321
MK-K-12	Soil	1.2	0.0136	0.1880	0.4227	1.1	165.3	65.6	2723	9.98	143.4	0.9	12.6	6.1	139	33.7	70.4	<0.1	195	1.30	0.435
MK-K-13	Soil	0.8	0.0045	0.0472	0.1206	0.4	64.2	34.4	1697	6.93	51.0	0.6	2.4	3.1	148	6.5	7.0	<0.1	135	0.98	0.296
MK-K-14	Soil	1.4	0.0451	>1	>1	9.8	126.6	49.0	2111	7.74	990.7	0.7	63.9	2.5	78	220.1	379.6	0.1	162	0.87	0.248
MK-K-15	Soil	1.3	0.0070	0.0054	0.0166	0.2	99.3	42.3	1604	5.10	36.0	0.9	2.0	1.6	46	1.5	3.7	0.2	107	0.74	0.127
MK-K-16	Soil	3.1	0.0109	0.0042	0.0182	0.4	99.9	41.5	2966	5.00	27.2	1.3	0.8	1.5	65	1.5	4.1	0.3	82	0.88	0.168

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Project: McKay Hill
Report Date: November 02, 2009

CERTIFICATE OF ANALYSIS VAN09004184.3

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7AR	7AR
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pb	Zn
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%
	MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.01	0.01
MK-J-13	Soil	45	63	1.93	197	0.112	<20	2.79	0.010	0.05	<0.1	0.07	4.1	0.1	0.10	12	<0.5	N.A.	N.A.
MK-J-14	Soil	55	154	1.31	318	0.018	<20	1.87	0.010	0.03	<0.1	0.55	15.4	0.1	0.07	7	0.8	N.A.	N.A.
MK-J-15	Soil	8	21	0.20	88	0.013	<20	1.33	0.007	0.04	0.1	0.06	0.8	0.1	<0.05	6	<0.5	N.A.	N.A.
MK-J-16	Soil	12	34	0.39	112	0.021	<20	1.75	0.006	0.03	0.1	0.07	1.6	<0.1	<0.05	5	0.6	N.A.	N.A.
MK-K-01	Soil	11	65	0.88	152	0.038	<20	1.80	0.007	0.03	0.1	0.07	3.5	<0.1	<0.05	6	<0.5	N.A.	N.A.
MK-K-02	Soil	20	28	0.44	68	0.023	<20	1.24	0.004	0.03	0.1	0.25	1.6	<0.1	<0.05	4	<0.5	N.A.	N.A.
MK-K-03	Soil	29	30	0.52	67	0.015	<20	1.42	0.005	0.03	0.3	0.04	1.8	<0.1	<0.05	4	<0.5	N.A.	N.A.
MK-K-04	Soil	18	24	0.34	54	0.022	<20	1.29	0.005	0.03	0.1	0.09	1.3	<0.1	<0.05	4	<0.5	N.A.	N.A.
MK-K-05	Soil	31	47	0.71	55	0.002	<20	2.07	0.004	0.03	<0.1	0.11	3.3	<0.1	<0.05	6	<0.5	N.A.	N.A.
MK-K-06	Soil	12	19	0.32	68	0.004	<20	0.84	0.007	0.04	<0.1	0.26	3.9	<0.1	0.07	3	<0.5	N.A.	N.A.
MK-K-07	Soil	28	63	0.95	131	0.011	<20	1.89	0.014	0.05	<0.1	0.14	7.6	<0.1	0.13	6	0.8	N.A.	N.A.
MK-K-08	Soil	32	81	1.53	136	0.017	<20	2.10	0.009	0.07	<0.1	0.46	11.5	<0.1	0.07	7	<0.5	N.A.	N.A.
MK-K-09	Soil	35	98	0.76	123	0.012	<20	1.10	0.006	0.04	<0.1	0.79	11.1	0.2	0.06	5	0.7	N.A.	N.A.
MK-K-10	Soil	33	65	0.41	91	0.009	<20	0.82	0.014	0.02	<0.1	0.23	4.4	<0.1	0.20	3	0.9	N.A.	N.A.
MK-K-11	Soil	60	128	1.55	277	0.054	<20	1.85	0.007	0.03	0.1	0.71	11.1	0.2	<0.05	10	<0.5	N.A.	N.A.
MK-K-12	Soil	88	176	1.61	224	0.022	<20	1.92	0.005	0.02	<0.1	3.01	13.9	0.2	<0.05	9	0.6	N.A.	N.A.
MK-K-13	Soil	49	124	2.54	188	0.112	<20	2.78	0.009	0.08	0.1	0.46	5.2	0.2	<0.05	13	<0.5	N.A.	N.A.
MK-K-14	Soil	42	133	1.06	270	0.019	<20	1.22	0.007	0.03	<0.1	15.43	13.0	0.3	<0.05	6	1.3	1.88	1.79
MK-K-15	Soil	27	142	1.56	171	0.026	<20	2.21	0.011	0.03	0.2	0.10	7.2	<0.1	<0.05	7	0.6	N.A.	N.A.
MK-K-16	Soil	30	131	1.23	178	0.017	<20	2.46	0.011	0.05	0.1	0.14	5.3	<0.1	0.06	7	0.8	N.A.	N.A.

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Project: McKay Hill
Report Date: November 02, 2009

QUALITY CONTROL REPORT VAN09004184.3

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	%	%	%	gm/mt	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	1e-005	1e-005	0.0001	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																					
MK-B-02	Soil	1.7	0.0044	0.0033	0.0124	0.2	49.6	20.0	696	3.83	66.1	0.8	7.0	2.5	33	0.3	10.7	0.3	46	0.39	0.117
REP MK-B-02	QC	1.6	0.0045	0.0032	0.0128	0.1	51.7	20.6	694	3.84	64.8	0.8	5.2	2.5	34	0.4	10.2	0.3	45	0.39	0.116
MK-D-10	Soil	2.1	0.0454	>1	>1	13.2	197.2	60.0	4265	10.50	427.9	1.0	31.7	2.7	59	69.0	422.8	0.1	104	0.64	0.213
REP MK-D-10	QC																				
MK-F-10	Soil	1.2	0.0074	0.2006	0.2030	0.9	105.8	33.9	1742	6.79	149.0	0.8	6.9	1.2	34	15.3	63.1	0.3	50	1.10	0.176
REP MK-F-10	QC	1.2	0.0074	0.1923	0.1947	0.9	107.6	33.6	1735	6.56	145.9	0.8	7.4	1.2	34	15.0	64.0	0.3	51	1.10	0.171
MK-H-10	Soil	1.3	0.0116	0.0766	0.2611	0.3	285.9	70.2	2364	9.14	43.5	0.7	7.7	1.4	42	22.7	20.5	<0.1	231	1.06	0.267
REP MK-H-10	QC	1.2	0.0122	0.0812	0.2724	0.4	314.7	74.6	2516	9.80	45.6	0.7	7.9	1.4	45	23.6	22.8	<0.1	236	1.13	0.280
MK-J-06	Soil	1.1	0.0024	0.0017	0.0043	<0.1	19.3	11.1	1317	2.04	16.1	0.3	1.4	0.3	124	0.2	1.9	0.2	20	2.20	0.139
REP MK-J-06	QC	1.3	0.0023	0.0017	0.0042	<0.1	19.2	11.1	1400	2.02	15.0	0.3	0.8	0.3	129	0.2	1.7	0.1	19	2.26	0.142
Reference Materials																					
STD DS7	Standard	19.7	0.0108	0.0072	0.0411	0.7	54.8	9.2	592	2.31	51.8	5.2	54.7	4.3	68	6.9	5.7	4.7	83	0.90	0.079
STD DS7	Standard	18.6	0.0106	0.0067	0.0390	0.8	51.6	8.5	575	2.19	50.0	4.7	54.0	4.0	65	6.7	5.3	4.3	74	0.85	0.073
STD DS7	Standard	18.6	0.0101	0.0068	0.0388	0.8	51.1	8.5	569	2.19	54.5	5.2	74.9	3.7	67	6.1	5.1	4.6	73	0.84	0.074
STD DS7	Standard	20.1	0.0112	0.0069	0.0400	0.8	57.9	8.8	598	2.34	53.8	4.5	54.7	3.7	69	6.8	5.1	4.7	78	0.90	0.080
STD GC-7	Standard																				
STD OREAS45PA	Standard	1.0	0.0570	0.0018	0.0117	0.2	261.9	100.3	1027	15.62	4.6	1.2	40.7	6.4	14	0.1	0.2	0.2	182	0.22	0.032
STD OREAS45PA	Standard	1.2	0.0518	0.0018	0.0112	0.2	245.7	97.1	1002	15.08	4.4	1.2	40.9	6.2	14	0.1	0.3	0.2	172	0.22	0.032
STD OREAS45PA	Standard	1.0	0.0535	0.0018	0.0107	0.2	254.4	93.2	997	15.00	3.4	1.1	42.3	6.2	14	<0.1	0.2	0.2	171	0.21	0.031
STD OREAS45PA	Standard	1.0	0.0532	0.0019	0.0113	0.2	256.4	94.2	979	14.42	3.3	1.2	37.7	6.0	13	<0.1	<0.1	0.2	180	0.21	0.029
STD R4A	Standard																				
STD DS7 Expected		20.5	0.0109	0.00706	0.0411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84	0.93	0.08
STD OREAS45PA Expected		0.9	0.06	0.0019	0.0119	0.3	281	104	1130	16.559	4.2	1.2	43	6	14	0.09	0.13	0.18	221	0.2411	0.034
STD GC-7 Expected																					
STD R4A Expected																					
BLK	Blank	<0.1	<1e-005	<1e-005	<0.0001	<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	<1e-005	<1e-005	<0.0001	<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	<1e-005	<1e-005	<0.0001	<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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Project: McKay Hill
Report Date: November 02, 2009

QUALITY CONTROL REPORT VAN09004184.3

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7AR	7AR
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Pb	Zn
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%
	MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.01	0.01
Pulp Duplicates																			
MK-B-02	Soil	19	25	0.50	129	0.011	<20	1.08	0.007	0.04	0.2	0.15	3.9	<0.1	<0.05	3	0.7	N.A.	N.A.
REP MK-B-02	QC	19	25	0.50	126	0.012	<20	1.09	0.008	0.04	0.1	0.13	4.1	<0.1	<0.05	3	0.7		
MK-D-10	Soil	22	181	0.42	94	0.007	<20	0.71	0.006	0.03	0.2	2.98	19.1	0.3	<0.05	3	1.0	1.70	1.21
REP MK-D-10	QC																	1.70	1.22
MK-F-10	Soil	11	96	0.21	106	0.004	<20	0.64	0.011	0.04	0.1	0.77	8.4	0.1	0.11	2	0.8	N.A.	N.A.
REP MK-F-10	QC	11	95	0.21	107	0.003	<20	0.65	0.010	0.04	<0.1	0.71	8.5	<0.1	0.10	2	1.0		
MK-H-10	Soil	53	461	2.07	89	0.009	<20	2.21	0.006	0.02	0.2	0.59	24.2	0.1	0.05	8	1.1	N.A.	N.A.
REP MK-H-10	QC	58	486	2.13	93	0.010	<20	2.33	0.008	0.02	0.2	0.68	25.4	0.1	0.05	9	0.9		
MK-J-06	Soil	13	13	0.43	90	0.006	<20	0.53	0.019	0.03	0.1	0.17	1.0	<0.1	0.23	2	<0.5	N.A.	N.A.
REP MK-J-06	QC	12	13	0.44	88	0.006	<20	0.52	0.024	0.03	<0.1	0.18	0.9	<0.1	0.24	2	<0.5		
Reference Materials																			
STD DS7	Standard	11	165	1.02	408	0.112	45	0.94	0.088	0.42	3.9	0.16	2.3	4.4	0.21	5	3.6		
STD DS7	Standard	11	155	0.97	383	0.105	31	0.89	0.077	0.39	3.6	0.17	2.1	4.1	0.20	4	3.5		
STD DS7	Standard	11	156	0.93	384	0.102	21	0.86	0.079	0.40	3.5	0.18	1.9	3.9	0.18	4	3.7		
STD DS7	Standard	11	163	0.99	377	0.109	40	0.95	0.084	0.43	3.4	0.22	2.1	4.2	0.22	4	3.6		
STD GC-7	Standard																	>10	22.47
STD OREAS45PA	Standard	15	734	0.10	178	0.116	<20	2.89	0.011	0.07	<0.1	<0.01	40.1	<0.1	<0.05	15	<0.5		
STD OREAS45PA	Standard	14	670	0.10	173	0.103	<20	2.67	0.011	0.06	<0.1	0.02	38.9	<0.1	<0.05	15	0.8		
STD OREAS45PA	Standard	15	665	0.10	173	0.113	<20	2.71	0.011	0.06	<0.1	0.03	37.7	<0.1	<0.05	15	0.6		
STD OREAS45PA	Standard	14	645	0.10	164	0.110	<20	2.61	0.011	0.06	<0.1	0.04	36.6	<0.1	<0.05	15	<0.5		
STD R4A	Standard																	1.51	3.42
STD DS7 Expected		12	179	1.05	370	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5		
STD OREAS45PA Expected		16.2	873	0.095	187	0.124		3.34	0.011	0.0665	0.011	0.03	43	0.07	0.03	16.8	0.54		
STD GC-7 Expected																		10.44	22.06
STD R4A Expected																		1.503	3.31
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5		
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5		
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5		

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Report Date: November 02, 2009

QUALITY CONTROL REPORT VAN09004184.3

		1DX Mo ppm 0.1	1DX Cu % 1e-005	1DX Pb % 1e-005	1DX Zn % 0.0001	1DX Ag gm/mt 0.1	1DX Ni ppm 0.1	1DX Co ppm 0.1	1DX Mn ppm 1	1DX Fe % 0.01	1DX As ppm 0.5	1DX U ppm 0.1	1DX Au ppb 0.5	1DX Th ppm 0.1	1DX Sr ppm 1	1DX Cd ppm 0.1	1DX Sb ppm 0.1	1DX Bi ppm 0.1	1DX V ppm 2	1DX Ca % 0.01	1DX P % 0.001
BLK	Blank	<0.1	<1e-005	<1e-005	<0.0001	<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																				

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.

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Project: McKay Hill
Report Date: November 02, 2009

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		1DX La ppm 1	1DX Cr ppm 1	1DX Mg % 0.01	1DX Ba ppm 1	1DX Ti % 0.001	1DX B ppm 20	1DX Al % 0.01	1DX Na % 0.001	1DX K % 0.01	1DX W ppm 0.1	1DX Hg ppm 0.01	1DX Sc ppm 0.1	1DX Tl ppm 0.1	1DX S % 0.05	1DX Ga ppm 1	1DX Se ppm 0.5	7AR Pb % 0.01	7AR Zn % 0.01
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5		
BLK	Blank																	<0.01	<0.01

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